

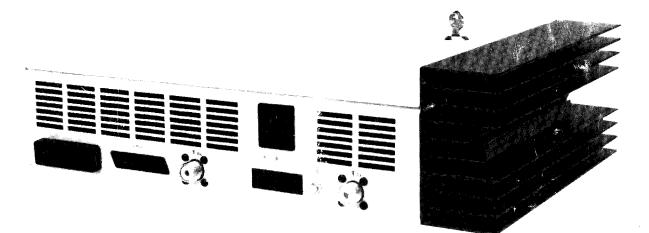
# MC compact Base Station and Repeater

66 – 88/136 – 174/174 – 225/403 – 470 MHz 1 – 6/1 – 10/10 – 25 W adjustable, (174 – 225 MHz, 25 W)

NOTE: This manual was originally printed in Germany, on A4 size paper. Some formatting adjustments have been made to fit the images on US paper sizes.

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Although the MC Compact station is similar to the Motorola R-100 station, there are some significant differences between the two models.



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# Theory/Maintenance Manual

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# SECTION 1

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# MODEL & KIT STRUCTURE

Model Cha	rt for	66 - 88 MHz H	lange	1-2
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	MODEL CHART FOR 66-88MHZ MC COMPACT BASE AND REPEATER STATIONS			LION	STATION	SPPM				BOARD.	ROL BOARD, OPTIONS	ER	TRANSCEIVER		. TRANSMITTER	STATION	MOUNT	X		BOARD TOW	ECTOR	IO WATT TX	25 WATT		_			
	• = 1 ITEM SUPPLIED 2 = 2 ITEMS SUPPLIED		AC POWER CORD		H	BOARO, RF. 25KHZ.	BOARD TY RE SPON		25W PA	REMOTE		HARDWARE, REPEATER	CICCAMAND	COMMAND	PL COMMANO BOARD.	HARDWARE, BASE S'	ARE, WALL	PROM, BASE STATION	PROM, REPEATER		COAX/CON		220-240	POWER SUPPLY. 10W	POWER SUPPLY, 25W			
	<b>-</b>		GKNGIZIA	GKN6162A	GKN6J63A	GLC6047A GLC6048A	GI C60494	GLC6050A	GLCG05IA	GLN6767A	GLN6768A	GLN6770A	GLN6809A	GLN6810A	GLN6811A	GLN6812A	GLN686IA	GLN6879A	GLN6880A	GLN6899A	GLN690IA	GLN6906A	GLN6907A	GPNI007A	GPNI 008A			
MAL22EVMII06A	1-6W. 25KHZ CHAN SP. PL SQUELCH, I FREQ. BASE		٠	•	_	•	$\perp$	٠		٠	_	•	_			٠		•				•	Ш	•			$\square$	
MAL22EVMII06AT	1-6W, 25KHZ CHAN SP. CARRIER SQUELCH. I FREQ, REPEATER		٠			•	•	-		•		• 2	-	•	٠		٠		2		•	•	L	•				
MAL22EVMI306A	I-6W. 20KHZ CHAN SP.PL SQUELCH. I FREQ, BASE		٠	٠		•		٠		•			<u> </u>	1	[	٠	٠	٠				•		٠				
MAL22EVMI306AT	I-6W. 20KHZ CHAN SP. CARRIER SQUELCH, I FREQ. REPEATER		•		•	•	•	•		•		• 2	2	•	•		٠		2		٠	٠		•				
MAL22EVM3IQ6A	1-6W. 25KHZ CHAN SP, PL SQUELCH, I FREQ, BASE		٠	•		•		•			•	•	•		_	٠	٠	٠	•			٠		٠		_		
MAL22EVM3106AT	I-6W. 25KHZ CHAN SP. CARRIER SQUELCH, I FREQ. REPEATER		٠		•	•	•	•			•	• 2	2	٠	٠				2		•	٠		•				
MAL22EVM3306A	I-6W. 20KHZ CHAN SP.PL SQUELCH, I FREQ.BASE		•	•		•		•			•	•	•			٠	٠	•				•		•				
MAL22EVM3306AT	I-6W, 20KHZ CHAN SP, CARRIER SQUELCH. I FREQ, REPEATER		•		•	•	•	•			•	• 2	2	٠	٠		٠		2		٠	٠		•				
MAL32EVMII06A	I-IQW. 25KHZ CHAN SP. CARRIER SQUELCH. I FREQ, BASE		•	۲		•		•		•			•			•	•	•	•			٠		•				
MAL32EVMII06AT	I-IOW. 25KHZ CHAN SP. CARRIER SQUELCH. I FREQ. REPEATER		٠		•	•	•	•		•		• 2	2	•	٠		٠		2	•	•	٠		•	T			
MAL32EVMI206A	I-IOW.12.5KHZ CHAN SP. CARRIER SQUELCH, FREQ, BASE		٠	٠		•		۲		•	Т		•			•	•	•	•	1		٠		•			Π	
MAL32EVMI206AT	I-IOW, 12.5KHZ CHAN SP. CARRIER SQUELCH, I FREQ.REPEATER	Ì	٠		•	•	•	•		•	·	• 2	2	•	٠		•		2 4		•	٠		•			$\square$	
MAL32EVMI306A	I-IOW. 20KHZ CHAN SP. CARRIER SQUELCH, I FREQ. BASE		•	•	-	•		•		•		•	•			•	•	•		1		٠	$\square$	•				
MAL32EVMI306AT	I-IOW, ZOKHZ CHAN SP, CARRIER SQUELCH, I FREQ, REPEATER		٠		•	•	•	•		٠		• 2	2	•	٠		•		2 (	•	•	٠	Π	•	-		$\square$	
MAL32EVM3106A	I-IOW, 25KHZ CHAN SP. PL SQUELCH, I FREQ. BASE		•	•	1	•		•			•	•	•			•	•	•	•			•		•	-			
MAL32EVM3106AT	1-IOW. 25KHZ CHAN SP.PL SQUELCH. I FREQ. REPEATER		•		•	•	•	•			•	• 2	2	٠	•		•		2	•	٠	٠		•	T	1	$\square$	
MAL312VM3206A	I-IOW. 12.5KHZ CHAN SP.PL SQUELCH, I FREQ. BASE	Π	•	•		•	1	•			•	•	•			•	•	•	•	1	1	•	H	•	+	-	T-t	
MAL32EVM3206AT	I-IOW, 12.5KHZ CHAN SP, PL SQUELCH. I FREQ. REPEATER		٠		•	•	•	•			•	• 2	2	٠	٠		•		2	•	٠	٠	H	•	-	1	tt	-
MAL32EVM3306A	I-IOW. 20KHZ CHAN SP, PL SQUELCH. I FREQ. BASE		•	•	1	•	T	•			•	•	•			٠	•	•			1	•	$\Box$	•	-	T	[]]	-1
MAL32EVM3306AT	I-IOW, 20KHZ CHAN SP, PL SQUELCH, I FREQ. REPEATER		٠	T	•	•	•	•	1		•	• 2	2	•	٠		•		2	•	•	٠	$\square$	•	+		$\square$	
MAL42EVMIIQ6A	10-25W. 25KHZ CHAN SP. CARRIER SQUELCH, I FREQ. BASE		•	•		•	T		•	•		•	•	1		٠	•	•		•	1		•	$\neg$	•	T	$\square$	-
MAL42EVMI06AT	10-25W. 25KHZ CHAN SP. CARRIER SQUELCH. I FREQ. REPEATER		•		•	•	•		•	•	-	• 2	2	۲	٠		•	+	2	•	•		•	-	•	+	Ħ	
MAL42EVMI206A	10-25W, 12.5KHZ CHAN SP. CARRIER SQUELCH. I FREQ. BASE	$\square$	٠	•		•	1		•	•		•	•	1		٠	•	•		•	$\uparrow$		•	+	•	$\top$	11	1
MAL42EVMI206AT	10-25W.12.5KHZ CHAN SP.CARRIER SQUELCH. I FREQ.REPEATER		•		•	•	•	1	•	•		• 2	:	٠	•		•	+	2	•	•		•	+	•	+	Ħ	$\neg$
MAL42EVMI306A	10-25W. 20KHZ CHAN SP. CARRIER SQUELCH, I FREQ, BASE		٠	•	-	•	1		•	•	1	•	-	1		•	•	•	+	•	$\top$		•	+	•	+	<u> </u>	-
MAL42EVMI306AT	10-25W. 20KHZ CHAN SP, CARRIER SQUELCH, I FREQ, REPEATER	П	•		•	•	•		•	•		• 2	:	•	•		•	+	2	•	•	Η	•	+	•	+	+	-
MAL42EVM3106A	10-25W. 25KHZ CHAN SP. PL SQUELCH, I FREQ.BASE		٠	•		•	1		•	1	•	•	• •	1		٠	•	•	-+-	•	$\top$		•	+	•	+	t t	-
MAL42EVM3IO6AT	10-25W, 25KHZ CHAN SP, PL SQUELCH. I FREQ, REPEATER		•	+	• •	•	•		•		•	• 2	2	•	•		•	+	2	•	•		•	+	•	+	$\square$	
MAL42EVM3206A	10-25W, 12.5KHZ CHAN SP, PL SQUELCH, I FREQ, BASE		•	•	-	•	T		•	1	•	•	-	1		•	•	•		•	+		•	+	•	+	<u>†</u>	-
MAL42EVM3206AT	10-25W.12.5KHZ CHAN SP.PL SQUELCH. I FREQ, REPEATER	$\square$	•	+	•	•			•	-+-	•	• 2	-	•	•		•	-+	2	•	+		•	+	•	+	$\vdash$	-
MAL42EVM3306A	10-25W, 20KHZ CHAN SP.PL SQUELCH, I FREQ.BASE	$\square$	-+	•	-+-	•	$\uparrow$		•	1	•	•	-	1	$\square$	٠	-	•		•		$\square$	•	+	•	+-	<u>+-</u> +	-
MAL42EVM3306AT	10-25W. 20KHZ CHAN SP.PL SQUELCH, I FREQ.REPEATER	t-1	•	1	• •	•	•	$\square$	•		•	• 2		•	•		•	-	2	•	-		•	+	•	+	$\vdash$	-1
		1-1	-1	+		+	t	$\top$	-†		+		+	† • •						Ť	t		i-+	+	+	+	<u></u> †−+	-
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			+	-		+	1			-+-	+		-†		$\square$		+	-+	+	+	+	$\square$	<u> </u>	-+	+	+	++	$\neg$
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MC compact Base/Repeater Station Model Chart for 66-88MHz Range

	MODEL CHART FOR 136-174MHZ MC COMPACT BASE AND REPEATER STATIONS • = 1 ITEM SUPPLIED A = 2 ITEMS SUPPLIED				BOARD, RF. 25KHZ CHAN	BOARD. RF. 25KHZ CHAN SP.	BOARD, RF, 12.5KHZ CHAN	BUARU, MF, IZ. SKHZ CHAN SP.	GLD6186A 25W, 136-174MHZ, PA cideitan board de a sodu 136-160MH7	+	10W, 136-1	RECEIVE LOW PASS FILTER	BOARD.	TONE REMOT	HARDWARE, REPEATER	GLN680BA RF CHASSIS HARDWARE 2 ON RPTR MODELS	í ā	! ā	HARDWARE BASE STU	HARDWARE WALL		GLN6880A PROM. REPEATER (2)	IOW DC INTERCONNEC	25W CURRENT LIMIT BOARD	FUSE, 220-240VAC 10 WATT	GLNG907A FUSE, 220-240VAC 25 WATT TX GPN1007A POWER SUPPLY, 10W		
														1		1		Ť	-	1								
MAL23EVMII06A	I-6W. 25KHZ CHAN SP. CARRIER SQUELCH. I FREQ. BASE		•	-	•	•					•		•			• •			•		•		٠		•	•		
MAL23EVMIIO6AT	I-6W, 25KHZ CHAN SP, CARRIER SQUELCH, I FREQ, REPEATER			•		•				•	-	•	•		_	2	•	•	_	•		S	•		•	•	-	$\square$
MAL23EVMI306A	I-6W, 2DKHZ CHAN SP, CARRIER SQUELCH, I FREQ, BASE	$\square$	•		•	•			_		٠		٠		_	-			•		•		٠		•	•	_	
MAL23EVMI306AT	I-6W. 20KHZ CHAN SP, CARRIER SQUELCH, I FREQ. REPEATER			•	•	•			•	•	•	•	•		•	2						2	٠		•	•	·	
MAL23EVM3106A	I-6W, 25KHZ CHAN SP, PL SQUELCH, 1 FREQ.BASE		•	<u>ا</u>	•	•					٠			•		• •			•		•		•		•	•	·	
MAL23EVM3106AT	I-6W.25KHZ CHAN SP.PL SQUELCH.   FREQ.REPEATER			•	•	•			•	•	٠	•		•	-	2	•			•	_	2	•		•	•		
MAL23EVM3306A	I-6W, 2DKHZ CHAN SP.PL SQUELCH,   FREQ.BASE		•	<u>ا</u>	•	•					•			•	_		•		•	_	-		•	-	•	•		
MAL23EVM3306AT	I-6W. 20KHZ CHAN SP.PL SQUELCH, I FREQ.REPEATER	L		•	•	•				• •	•	•		٠	•	2		•		•		2	•	_	•	•	_	
MAL33EVMII06A	I-IOW. 25KHZ CHAN SP, CARRIER SQUELCH, I FREQ. BASE	LI	• •			•					•		٠				•		•		•	L	•		•	•	-	$\square$
MAL33EVMII06AT	I-IOW. 25KHZ CHAN SP. CARRIER SQUELCH. I FREQ. REPEATER			•	•	•				•	•	•	٠		•	2				•	•	2	•		•	•	'	$\square$
MAL33EVMI206A	I-IOW. 12.5KHZ CHAN SP. CARRIER SQUELCH, I FREQ. BASE		• •			Τ	•	•			•		٠			•		T	•		•		٠		•	•	'	
MAL33EVMI206AT	-IOW. 12.5KHZ CHAN SP. CARRIER SQUELCH. I FREQ. REPEATER			•			•	•		•	•	•	٠		•	2		•		•		2	٠		•	•	1	
MAL33EVMI306A	1-IOW. 20KHZ CHAN SP. CARRIER SQUELCH, I FREQ. BASE		• •		•	•					•		٠		_	_			•		•		٠	_	•	•	<u>'</u>	
MAL33EVMI306AT	I-IOW, 20KHZ CHAN SP. CARRIER SQUELCH, I FRED, REPEATER			•	٠	•			•	• •	•	•	٠		•	2				•		2	٠		•	•	!	
MAL33EVM3106A	I-IOW, 25KHZ CHAN SP.PL SQUELCH, I FREQ. BASE	$\Box$	•		٠	•					•			•		• •					•		•		•	•	-	
MAL33EVM3106AT	I-IOW, 25KHZ CHAN SP, PL SQUELCH, I FREQ, REPEATER			٠	•	•			•	•	•	•		•	•	2		•	<u> </u>	•		2	٠		•	•	_	
MAL33EVM3206A	I-IOW, 12.5KHZ CHAN SP.PL SQUELCH, I FREQ, BASE		•				•	•			•			•		• •			•		•		•		•	•	<u>'</u>	
MAL33EVM3206AT	I-IOW.12.5KHZ CHAN SP, PL SQUELCH,   FREQ. REPEATER	LT		•		Ι	•	•		• •	•	•	I	٠	•	2				•		2	٠		•	•	1	
MAL33EVM3306A	I-IOW. 20KHZ CHAN SP.PL SQUELCH. I FREQ. BASE	L	• •		-	•				T	•			•	_	_		Ι	•		•		٠		•	•		$\square$
MAL33EVM3306AT	I-IOW, 20KHZ CHAN SP.PL SQUELCH, I FREQ, REPEATER			•	٠	•		T		• •	•	٠		•	•	2		•	•	•	_	2	٠		•	•	'	
MAL43EVMII06A	10-25W. 25KHZ CHAN SP. CARRIER SQUELCH. I FREQ. BASE		•	<u> </u> _		•		-	•				•		_	_	•		•	•	•			٠	_[	•	•	
MAL43EVMII06AT	10-25W. 25KHZ CHAN SP. CARRIER SQUELCH. I FREQ. REPEATER			•	٠	•			• •	• •		•	•		•	2		•		•		2		٠	_[	•	•	Ľ
MAL43EVMI206A	10-25W.12.5KHZ CHAN SP.CARRIER SQUELCH, I FREQ.BASE		• •						•				•						•		•			٠		•	•	
MAL43EVMI206AT	10-25W.12.5KHZ CHAN SP. CARRIER SQUELCH. I FREQ. REPEATER			•			•	•	• •	• •		٠	٠		•	2		•		•		2		٠	-	•	•	
MAL423VM3106A	10-25W.25KHZ CHAN SP.PL SQUELCH. I FREQ.BASE	1	• •			•		-	•					•	_	-			•	•	•			٠	-	•	•	
MAL43EVM3106AT	10-25W.25KHZ CHAN SP.PL SQUELCH, I FREQ.REPEATER			•	•	•		Ţ	• •	• •		•		•	•	2	•			•	_	2		•	-	•	•	
MAL43EVM3206A	10-25W.12.5KHZ CHAN SP.PL SQUELCH. I FREQ.BASE	$\square$	•	<u> </u>			_		•					•	_	• •			•		•			•		•	•	
MAL43EVM3206AT	10-25W.12.5KHZ CHAN SP.PL SQUELCH, I FREQ,REPEATER	$\square$		•	$\square$	Ţ	•	•	•	• •		•		•	•	2	•	•		•		2		•		•	•	
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MC compact Base/Repeater Station Model Chart for 136-174MHz Range

	MODEL CHART FOR BAND III I74-225MHZ MC COMPACT BASE AND REPEATER STATIONS •= I ITEM SUPPLIED 2=2 ITEMS SUPPLIED		AC POWER COR	CABLES, BASE STAT	A CABLES, REPEATER STAT	GLD6171A BOARD, RF, 12.5KHZ CHAN	GLD6172A	HF BOX HA	GLD5183A BOARD, RF SPPM, 1/4-225MH2	GLDGI3GA	TONE REMOTE CONT	TONE REMOTE	GLN6770A HARDWARE, REPEATER	CLN680BA RF CHASSIS HARDWARE	GLN6809A PL COMMANO BOARD, TRANSCEIVER	GLN6810A PL COMMAND CHBOARD, RECEIVER	GLN6811A PL COMMAND BOARD, TRANSMITTER	GLN68I2A HARDWARE, BASE STATION	GLN686IA HARDWARE, WALL MOUNT	PROM.	PROM, REPEATER	GLN6899A 25W CURRENT LIMITER BOARD     CIN6907A FILE 220-240VAC 25 WATT	GPNIDOBA PDWER SUPPLY, 25W		
MAL46EVMI206A	25W. 12.5KHZ CHAN SP. CARRIER SQUELCH. I FREQ. BASE			-	_	-	-			-	-	+		÷		-		-	-		2				+
MAL46EVMI206AT	25W. 12.5KHZ CHAN SP, CARRIER SQUELCH, I FREQ, REPEATER	$\rightarrow$	•	_		•	-			•	•		•	2	•	-	•	•	-	•				·   -	+
MAL46EVM3206A	25W, 12.5KHZ CHAN SP.PL SOUELCH, I FREQ. BASE		•	•	-			•	-	'	-	•		2			•		-	-	_		-	+	_
MAL46EVM3206AT	25W. 12.5KHZ CHAN SP. PL SQUELCH, I FREQ. REPEATER		•		•	•	• •	• 1 •		- 10						i o I									

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MC compact Base/Repeater Station Model Chart for 174-225MHz Range

		MAL44EVM3206AT	MAL44EVM3206A	MAL44EVM3I06AT	MAL44EVM3106A	MAL44EVMI206AT	MAL44EVMI206A	MAL44EVMIIO6AT	MAL44EVMIIO6A	MAL34EVM3306AT	MAL34EVM3306A	MAL34EVM3206AT	MAL34EVM3206A	MAL34EVM3106AT	MAL34EVM3I06A	MAL34EVMI306AT	MAL34EVMI306A	MAL34EVMI206AT	MAL34EVMI206A	MAL34EVMIIO6AT	MAL34EVMIIO6A	MAL24EVM3306AT	MAL24EVM3306A	MAL24EVM3IO6AT	MAL24EVM3106A	MAL24EVMI306AT	MAL24EVMI306A	MAL24EVMII06AT	MAL24EVMIIO6A			MODEL CHART FOR
		10-25W, 12.5KHZ CHAN SP. PL SQUELCH, I FREQ, REPEATER	10-25W.12.5KHZ CHAN SP.PL SQUELCH, I FREQ, BASE	10-25W, 25KHZ CHAN SP, PL SQUELCH, I FREQ.REPEATER	10-25W.25KHZ CHAN SP.PL SQUELCH, I FREQ.BASE	10-25W, 12.5KHZ CHAN SP, CARRIER SQUELCH, I FREQ, REPEATER	10-25W, 12.5KHZ CHAN SP, CARRIER SQUELCH, I FREQ. BASE	10-25 W. 25KHZ CHAN SP, CARRIER SQUELCH, I FREQ, REPEATER	10-25W.25KHZ CHAN SP. CARRIER SQUELCH. 1 FREQ. BASE	I-IOW, 20KHZ CHAN SP.PL SQUELCH, I FREQ. REPEATER	I-IOW. 20KHZ CHAN SP.PL SQUELCH. I FREQ. BASE	I-IOW. 12.5KHZ CHAN SP.PL SQUELCH, I FREQ, REPEATER	I-IOW, 12.5KHZ CHAN SP.PL SQUELCH,   FREQ, BASE	1-10W, 25KHZ CHAN SP. PL SQUELCH, 1 FREQ, REPEATER	I-IOW. 25KHZ CHAN SP. PL SQUELCH. I FREQ. BASE	I-IOW. 20KHZ CHAN SP. CARRIER SQUELCH. I FREQ. REPEATER	I-IOW. ZOKHZ CHAN SP, CARRIER SQUELCH. I FREQ. BASE	CAR		I-IOW, 25KHZ CHAN SP, CARRIER SQUELCH. I FRED. REPEATER	I-IOW. 25KHZ CHAN SP. CARRIER SQUELCH. I FREQ. BASE	I-6W. ZOKHZ CHAN SP.PL SQUELCH.   FREQ, REPEATER	I-6W, ZOKHZ CHAN SP.PL SQUELCH, I FREQ.BASE	1-6 W. 25KHZ CHAN SP.PL SQUELCH. I FREQ.REPEATER	1-6W. 25KHZ CHAN SP.PL SQUELCH. 1 FREQ.BASE	1-6W, ZOKHZ CHAN SP, CARRIER SQUELCH. I FREQ, REPEATER	I-SW. 20KHZ CHAN SP. CARRIER SQUELCH. I FRED. BASE	1-6W, 25KHZ CHAN SP. CARRIER SQUELCH, I FREQ. REPEATER	1-6W. 25KHZ CHAN SP. CARRIER SQUELCH, I FREQ, BASE		A	403-470MHZ MC COMPACT BASE ND REPEATER STATIONS • =1 ITEM SUPPLIED 2 = 2 ITEMS SUPPLIED
	_	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	┥	•	•	•	•	•	•	•	•	•	•		GKN6121A	AC POWER CORD
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		•		•		•		•		•		•		•	-	•	_	•		•		•		•		•		•			GKN6163A	CABLES, REPEATER STATION
		-		•	•	$\square$		•	•	•				•	•	•	+	+		+	•	•	-	•	•	•	_	•	•		GLE6141A GLE6142A	BOARD, RF, 25KHZ CHAN SP, 5PPM, 403-433MHZ BOARD, RF, 25KHZ CHAN SP, 5PPM, 438-470MHZ
				-	•			-	٠			-		-	•	-	+	+	╉	-+	•	-		-	•	-		-	•		GLE6144A	BOARD, RF. 25KHZ CHAN SP. 5PPM, T438-R420
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			ļ								٠					-+	•	_	4	_	_		•				•				GLE6147A	BOARD, RF, 25KHZ CHAN SP, 2PPM, 403-433MHZ
	_										•			_	$\rightarrow$	-	•	-	+	$\downarrow$			•				•				GLE6148A	BOARD, RF. 25KHZ CHAN SP, 2PPM, 438-47DMHZ
		+	┝	-	-						•			-	_	+	•	-	+	-	+	-	•			_	•			_	GLE6150A	BOARD, RF 25KHZ CHAN SP, 2PPM, T438-R420 BOARD, RF 25KHZ CHAN SP, 2PPM, T420-R438
		•	•	+		•	•				-	•	•		-	+	-	•	•	+			-	-	-	-	-			$\square$	GLE6153A	BOARD, RF, 12.5KHZ CHAN SP, 2PPM, 403-433MHZ
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	_		•				٠						٠												_	_					GLE6157A	BOARD, RF, 12.5KHZ CHAN SP, 2PPM, T420-R438
	_	•				•				٠		•		_	_	•	_	•	-			•	_	_		•		_			GLE6174A	BOARD, RF 403-433MHZ, 2PPM
		•	-	•	-	•	_	•		•	_	•	$\dashv$	•	+	•	-+	•	-	•	-+	•		•	-	•		•			GLE6175A GLE6176A	BOARD, RF 403-433MHZ, 5PPM BOARD, RF 438-470MHZ, 2PPM
	+	-		•	-	-	_	•				-		•	+	-	+	┭		•	+	-	_	•	-	-	-	•			GLEGITTA	BOARD, RF 438-470MHZ, 2FFM
ľ										•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		GLE6178A	10W, 403-433MHZ, PA
		•	٠	•	٠	•	٠	•	٠																						GLE6179A	25W. 403-433MHZ, PA
	$\perp$			Ц		$\square$				٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	٠		GLEGIBOA	10W, 438-470MHZ, PA
-	+	•	•	•	•	•	•		•				$\rightarrow$	_		$\rightarrow$		+	+	+	$ \rightarrow$		-								GLE6IBIA	25W, 438-470 MHZ, PA
ł	+	•	-	•		•		•	•	•	+	•	+	•	- 1	•	-+	•	-		-	•	-	•	-	•	•	•	•		GLE6182A GLN8767A	UHF RECEIVE LOW PASS FILTER TONE REMOTE CONTROL BOARD,   FREQUENCY
ł	+	•	•	•	•	H	-	-	-	•	•	•	•	•	•	-+	╉	╧╋	Ť	-	-	•	•	•	•	-	-	-	-		GLN6768A	TONE REMOTE CONTROL BOARD, OPTIONS
İ		•		٠		•		٠		٠		•	-	•	-	•		•	1	•		•		•		•		•			GLN6770A	HARDWARE, REPEATER
[		N	•	2	٠	2	•	<b>⊳</b> ≀	•	N	•	2	•	N	•	N	•	N	•	v	•	N	٠	N	•	N	•	N	•		GLN6808A	RF CHASSIS HARDWARE
ļ			•		٠	H	٠		•		•	-+	•	-	•	-+	•	-	▶	-+-	•		•	$\downarrow$	•	_	•		•		GLN6 BO9A	PL COMMAND BOARD, TRANSCIEVER
ļ	+	•		•		•	_	•		•	$\dashv$	•	-	•	-+	•	-	•	-		4	•	_	•	$\dashv$	•	4	•	ļ		GLNGBIOA	PL COMMAND CHBOARD, RECEIVER
ł	+-	٠	•	⊢	•	•	•	•	•	•	•	•	•	•	•	•	•	•	ľ	┡┤	•	•	•	•	•	•	•	•	•		GLN6811A GLN6812A	PL COMMAND BOARD, TRANSMITTER HARDWARE, BASE STATION
ł	+	•	•	•	•	•	-	•	-	•	•	-+	-+	-	-+	-+	-+	-	-	-	•	-	-	•	•	•	-	•	•	_	GLN686IA	HARDWARE, WALL MOUNT
ł		Ħ	•		•		•		•		•	-+	•		•	-+	•		+		•	÷	•	-	•	-+	•	-	•		GLN6879A	PROM, BASE STATION
_t		₽		2		~>		N		N		N		2		N		N	Ŀ	5		N		N		N		N			GLN6880A	PROM. REPEATER
Ϋ́Ρ										٠	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•	٠	•		GLN6898A	IOWDC INTERCONNECT BOARD
DEPS-43319		٠	•	•	•	•	٠	٠	٠											$\downarrow$											GLN6899A	25W CURRENT LIMITER BOARD
95			•	•	•	•	•			-	-	-	-	•	╇			-	" "	╧┤╵	┛┤	┛	-	-	-	•	┛	•	┛		GLN6906A	FUSE, 220/240VAC IO WATT TX
φ.	+	⊢	-		•	-	-	•	•			-		•	-					+		•				•	•	•	•	_	GLN6907A GPNI007A	FUSE, 220/240VAC 25 WATT TX POWER SUPPLY, IOW
ŀ				•		•			•	-	-	╡	4	╡	-	-+	╡	+	+	-+	╡	╡	-	-	-	┦	-	-	┦		GPNIOOBA	POWER SUPPLY, 10W
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# OPTION BREAKDOWN CHART

# for MC compact

OPTION	ADD	DELETE	DESCRIPTION
MAL15AB Wild Card I			
MAL16AB Wild Card II			
MAL32AC Omit Power Supply			10W Power Supply
(DC Only Operation)	GLN6900A		Omit Power Supply Hardware European AC Line Cord
MAL32AD Omit Power Supply			25W Power Supply
(DC Only Operation)	GLN6900A		Omit Power Supply Hardware
(20 011) operación,	02000000		European AC Line Cord
*MAL63AB Transmit PL Disable			
*MAL66AB 4-Channel Capability			
*MAL75AB Omit Time-Out-Timer			
MAL84AA Omit Wireline Control		GLN6767A	Tone Remote Control Board;
	ar NY 01 5 4		1-Frequency
MAL84AB Omit Wireline Control	GLN6815A		Omit Wireline Control Board Tone Remote Control Board;
MAL64AB Omit wireline Control		GLN0/00A	Optioned
	GLN6815A		Omit Wireline Control Board
*MAL91AB PL Decode Only			
MAL143AB Remote Repeater Control			
MAL144AA 4-Wire Audio			
MAL164AA Rack Mount, Without Slides	GLN6773A		Rack Mount Hardware
			Wall Mount Hardware
MAL182 External Duplexer	As Used	As Used	<u> </u>
MAL202AB ZVEI Guard Tone (2100 Hz)			
MAL203AB EEA/CCIR Guard Tone (2325 Hz)			
MAL206AF Battery Revert With Charging		CPN10074	10 W Power Supply
million baccer, were with onarging	GPN1009A		10 W Reverting Power Supply
MAL206AG Battery Revert With Charging			25 W Power Supply
,	GPN1010A		25 W Reverting Power Supply
MAL301AB Service Handset	TMN6164A		Handset
MAL306AD 2 ppm Frequency Stability		GLE6175A	TX Board; 5 ppm
(403-433 MHz)	GLE6174A		TX Board; 2 ppm
MAL306AE 2 ppm Frequency Stability			TX Board; 5 ppm
(438-470 MHz) MAL306AJ 2 ppm Frequency Stability	GLE6176A		TX Board; 2 ppm
(403-433 MHz)	GLE6147A		RF Board; 25 kHz; 5 ppm RF Board; 25 kHz; 2 ppm
MAL306AK 2 ppm Frequency Stability	GEDITIT		RF Board; 25 kHz; 5 ppm
(438-470 MHz)	GLE6148A		RF Board; 25 kHz; 2 ppm
MAL306AL 2 ppm Frequency Stability		GLE6145A	RF Board; 25 kHz; 5 ppm
(T420-R438 MHz)	GLE6150A		RF Board; 25 kHz; 2 ppm
MAL306AM 2 ppm Frequency Stability			RF Board; 25 kHz; 5 ppm
(T438-R420 MHz)	GLE6151A		RF Board; 25 kHz; 2 ppm
MAL311AA Duplex Base Operation MAL317AB Line Continuity Check			· · · · · · · · · · · · · · · · · · ·
With Wireline Acknowledge			
*MAL349AA ZVEI Format			
*MAL350AC Modified ZVEI Format	^		
*MAL351AC CCIR Format			
*MAL352AC 70 ms CCIR Format			
*MAL353AC EEA Format			
*MAL395AB Non-Standard Time-Out-Timer			
*MAL404AB Extended First Tone (600 ms)			
*MAL405AB PL Encode Only *MAL463AB PL-Selectable Encode			
- Two Selectable			
*MAL576AA Single Tone Decode			
For Repeater Access Tone Decoder			
*MAL679AB 2-Channels			
MAL692AB Single United Kingdom		GKN6121A	European AC Line Cord
AC Line Cord	GKN6153A		United Kingdom AC Line Cord
MAL692AC Double United Kingdom	000001 50		European AC Line Cord; 2 Used
AC Line Cord MAL813AA Expanded Carrier Squelch	GKN6153A		U.K. AC Line Cord; 2 Used
Operation		GLN0/0/A	Tone Remote Control Board;
operation	GLN6768A		l-Frequency Tone Remote Control Board;
	52		Optioned
*MAL853AB French ZVEI Format			· · · · · · · · · · · · · · · · · · ·
*MAL861AA Non-Standard Auto-Reset Time			
*MAL868AB Channel Slaved PL			
*MAL871AA Non-Standard Extended			
First Tone			

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# OPTION BREAKDOWN CHART

# for MC compact (cont'd.)

OPTION	ADD	DELETE	DE SCRIPTION
MAL878AB Line-Fail Talk-Thru			
With Wireline Acknowledge			
MAL882AA Rack Mount With Slides	GLN6774A	GLN6861A	Rack Mount Hardware W/Slides Wall Mount Hardware
MAL882AB Rack Mount With Slides	GLN6774A		Rack Mount Hardware W/Slides
	GLN6862A		Wall Mount Hardware Fan
	GEN0802A GKN6121A		European AC Line Cord
*MAL889AB Channel Slaved RF Power			actopedia no bine octa
MAL895AC -6 dBm Line Level			· · · ·
MAL899AB PL-Selectable Encode/Decode			
- Two Selectable			
*MAL908AA 2-Tone Sequential Format For Repeater Access Tone Decoder			
*MAL909AA X-Tone Sequential Format		••	
For Repeater Access Tone Decoder			
MAL923AA Squelch Monitor			
*MAL930AA Selectable PL Encode			
- Four Selectable *MAL931AA Selectable PL Encode/Decode	· · · · · ·		
- Four Selectable			
MAL932AA Repeater Access Tone Decoder	GLN6769A		Repeater Access Tone Decoder
	GLN6881A		Firmware PROM
MAL933AB Service Speaker	GSN6036A	01 D(100 A	Speaker
MAL934AC Low Range VHF (136-162 MHz) 25 kHz Channel Spacing			TX Board; 146-174 MHz; 5 ppm RF Board; 146-174 MHz;
25 Kilz Graimer Spacing		GLDOIOOA	25  kHz; 5  ppm
	GLD6165A		RF Board; 136-162 MHz;
			25 kHz; 5 ppm
	GLD6179A		TX Board; 136-162 MHz; 5 ppm
MAL934AD Low Range VHF (136-162 MHz)			TX Board; 146-174 MHz; 5 ppm
12.5 kHz Channel Spacing		GLD61/0A	RF Board; 146-174 MHz; 12.5 kHz; 4.5 ppm
	GLD6169A		RF Board; 136-162 MHz;
			12.5 kHz; 4.5 ppm
	GLD6179A		TX Board; 136-162 MHz; 5 ppm
MAL934AE Low Range VHF (136-162 MHz)	GLD6165A		RF Board; 136-162 MHz;
Read 25 kHz Channel Encoing		CI D61464	25 kHz; 5 ppm RF Board; 146-174 MHz;
Base 25 kHz Channel Spacing		GLD0100A	25 kHz; 5 ppm
MAL934AF Low Range VHF (136-162 MHz)	GLD6169A		RF Board; 136-162 MHz;
-			12.5 kHz; 4.5 ppm
Base 12.5 kHz Channel Spacing		GLD6170A	RF Board; 146-174 MHz;
MAT 0 2 7 4 4 17 -1 1	or in 070 t		12.5 kHz; 4.5 ppm
MAL937AA Enhanced	GLN6878A		Enhanced Tone Remote Control Board
Tone Remote Control Operation	GKN6164A		Enhanced Tone Remote Control
			Base Station Cables
		GKN6162A	Base Station Cables
MAL937AB Enhanced	GLN6878A		Enhanced Tone Remote Control
Tone Remote Control Operation	GKN6164A		Board Enhanced Tone Remote Control
Tone Remote control operation	GKH0104A		Base Station Cables
		GKN6162A	Base Station Cables
		GLN6767A	Tone Remote Control Board;
	at 11/ 7 / 0 ·		1-Frequency
	GLN6768A		Tone Remote Control Board;
MAL937AC Enhanced	GLN6878A		Optioned Enhanced Tone Remote Control
			Board
Tone Remote Control Operation	GKN6165A		Enhanced Tone Remote Control
			Repeater Station Cables
MAIQ37AD Enhanced	CT NC 0 70 4	GKN6163A	Repeater Station Cables
MAL937AD Enhanced	GLN6878A		Enhanced Tone Remote Control Board
Tone Remote Control Operation	GKN6165A		Enhanced Tone Remote Control
·····			Repeater Station Cables
			Repeater Station Cables
		GLN6767A	Tone Remote Control Board;
	CT NC 7 ( 0 +		1-Frequency
	GLN6768A		Tone Remote Control Board; Optioned
* Firmware (Code Plug Programming) chan	ge require	۰d.	operoneu

\* Firmware (Code Plug Programming) change required.

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(The next page is 2-1)

# DESCRIPTION

2	Description	2-2
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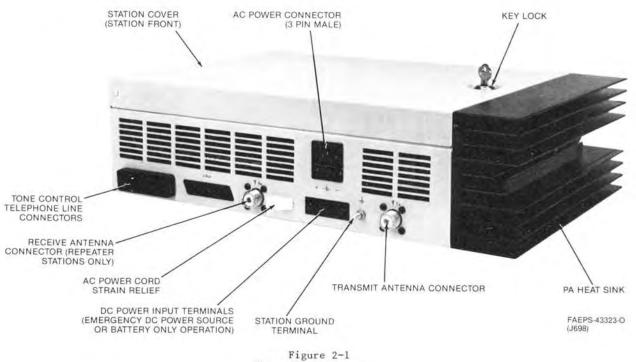
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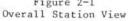
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# 2.1 GENERAL

The MC compact base and repeater stations are available in various rf power levels, operating frequencies, and squelch control (carrier squelch or "Private-Line" (PL) squelch. Many options are available for each base or repeater station to allow customizing the station operation for each user. All models are single-frequency, two-wire, tone remote controlled and may be optionally equipped for four-wire, multi-frequency, and in the case of repeater stations, optionally equipped for Select 5 or single tone sequence repeater access and omit wire line control.

The rf power output levels available vary according to model but fall into one of the following catagories:

1	-	6 1	watt				
1	-	10	watt				
10	-	25	watt				
25	W	att	only	(174	-	225MHz)	

The operating frequencies also vary according to model but fall into one of the following ranges:

66	-	88MHz	(4m band)
136	-	174 MHz	(2m band)
174	-	225MHz	(1.5m band)
403	-	470 MHz	(70cm band)

The model charts show the type of station, i.e. base or repeater, operating frequencies, type of squelch (carrier or Private Line squelch), and rf power output levels for each model. The cable kits and major assemblies are also shown in the model charts for each station model. All available options are shown in the option charts. Refer to Figures 2-1 and 2-2 for major component locations. The model number for the station contains much information regarding the station as shown in Table 2-1.

Table 2-1 Station Model Number Definitions

		2	1	
MAL	2	3	EVM 1 2 0 6 A BLANK	
	3	4	33 т	
	4	6		
	1	1	BLANK = BAS	Е
	1	1	T = REPEATER	
	i	i	1 = 25kHz CHANNEL SPACING	G
	1	- 1	2 = 12.5 kHz CS	
	1	1	3 = 20 kHz CS	
	i.	1	1 = CARRIER SOUELCH	
	1	1	3 = PL SQUELCH	
	i	2	= 66-88MHz	
	1	3	= 136-174 MHz	
	1		= 403-470 MHz	
	1		= 174-225MHz	
	2	= 1	- 6 WATTS	
	3	= 1	- 10 WATTS	
	4	= 2.	WATTS	

### 2.2 MAJOR STATION COMPONENTS

The major components of any station consist of a frequency generation section for transmit rf and for receiver injection, a transmitter section, receiver section, control section, power supply section, and a housing and internal cabling. In repeater stations, a separate frequency generation section is provided for the transmitter as well as the receiver, the transmitter and receiver components are specially shielded, and separate antenna connections are provided to prevent desensing problems. These major components are described in the following. See Figure 2-2.

# 2.2.1 Transmitter Section

# 2.2.1.1 Frequency Synthesizer

In base stations, a common frequency synthesizer is used to provide the basic transmit operating frequency and the receiver injection signal. The synthesizer is part of the RF board that is mounted in the same "H" frame chassis as the receiver. The synthesizer contains two VCO circuits, one for transmit and the other for receive. A common reference oscillator is used for both transmit and receive frequency synthesis.

In repeater stations, two frequency synthesizers are employed. One is used to generate the transmit operating frequency and the other is used to generate the receive operating frequency. The transmit frequency synthesizer is located in a separate shielded rf box to prevent de-sense problems since both the transmitter and receiver are operating simultaneously in repeater stations. The receive frequency synthesizer is located in the same "H" frame chassis as the receiver.

# 2.2.1.2 Power Amplifier

Regardless of station model or operating frequency, the power amplifier is mounted to a large heat sink at one end of the station. The output of the transmit synthesizer drives the power amplifier directly. The number of components in the power amplifier vary depending on operating frequency, model, and power output. In repeater models, the rf output of the transmitter is routed to a separate antenna connector rather than to the antenna switchover relay to minimize de-sense problems.

### 2.2.2 Receiver Section

### 2.2.2.1 Receive Synthesizer

The receive synthesizer is located on the rf board mounted in the same "H" frame chassis as the receiver. The output of the receive synthesizer is routed directly to the first mixer in the receiver to produce the proper signal input to the first if amplifier.

## 2.2.2.2 Receiver

The receiver is located in the "H" frame chassis along with the receive synthesizer. In base station models, the receiver antenna input comes from the antenna relay. In repeater models, the receiver antenna input comes from a separate antenna connector. The audio output from the receiver is routed to the TRC board where it is routed to the optional RAT decoder board and to the 600 ohm line terminals for connection to the console controller. The wirelines are used to carry transmit audio from the console to the transmitter as well as the control tones from the console to select transmit or receive channels (if fitted with the multifrequency option), squelch mode (carrier squelch monitor, ZVEI or CCIR squelch) etc.

# 2.2.3 Control Section

# 2.2.3.1 Tone Remote Control (TRC) Board

The Tone Remote Control Board contains the hardware necessary to operate the MC compact station. The board allows for remote station control via wire line through connector Pl. Standard Motorola TRC tones are decoded on the board and used to select the proper operating mode of the station.

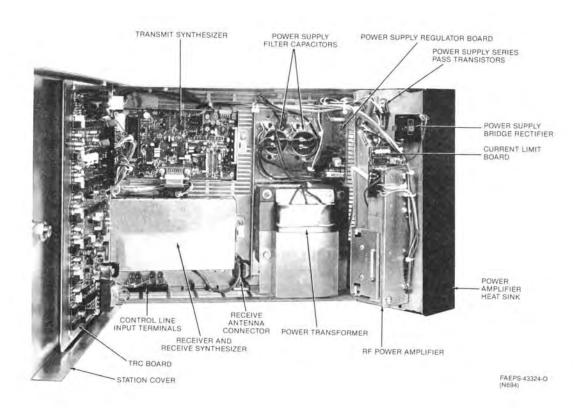


Figure 2-2 Major Station Components The TRC board is capable of decoding six tones, which are:

2175Hz -	Guard tone (may be 2100Hz or 2325Hz in some stations)
2050Hz -	PL Monitor
1950Hz -	Select or transmit on Fl
1850Hz -	Select or transmit on F2
1550Hz -	Repeater knockdown or carrier squelch enable
1450Hz -	Repeater setup or carrier squelch disable

The Tone Remote Control (TRC) board is mounted inside the top cover of the station. There are 3 models of this board with usage dependent upon the station type (base or repeater) or the option(s) ordered with the station. The circuit boards are identical except for their number of components.

The fully populated board (Model GLN 6768A) is used on all Private-Line squelch, tone control models and provides for 4-wire line audio and multi-frequency control of the station. The GLN6767A board is used in carrier squelch, single-frequency, 2-wire line stations and has four tone decoder PLL's removed: 2050Hz, 1850Hz, 1550Hz, and 1450Hz and the second wire line transformer removed.

The GLN6815 board is used in repeater stations only and contains no wire line circuitry or tone decoder PLL's, therefore, it contains the fewest number of components. The TRC board generally contains the guard tone decoders, function tone decoders, receiver squelch circuit, receiver audio circuits, and additional connectors to interface the Enhanced Tone Remote board (ETRC) and the Repeater Access Tone (RAT) board options.

2.2.3.2 Enhanced Tone Remote Control (ETRC) Board

The ETRC board provides four additional tone decoders, PTT and LPTT generation functions, PTT delay, acknowledge tone generation for the console, timing, line fail talk-through timer, line continuity check, and wild card relay driver circuits for two external relaycontrolled functions. The four additional tone decoders are for tone frequencies of 1050Hz, 1150Hz, 1250Hz, and 1350Hz and may be used for 4-frequency capability or multiple PL operation. The ETRC board directly interfaces to the TRC board through connectors J10 and J11.

2.2.3.3 Repeater Access Tone Decoder (RAT) Board

The RAT board is used in repeater models only and is used to detect repeater access tones which will enable the repeater via an rf link. The RAT decoder decodes two to seven tone ZVEI, EEA, or CCIR signaling formats. The RAT board mounts on the TRC board and is electrically interfaced to the TRC board via an ll-pin connector, J6.

# 2.2.4 Power Supply Section

Two power supplies are used in the MC compact stations; one for transmitter output power levels up to 10 watts and the second for rf output power levels up to 25 watts. The two power supplies are identical except for the output current capability. When the 25W power supply is used, a current limit board is used and mounted to the power amplifier housing. The same board is used, less the current limit circuits, on the 10 watt power amplifier for power distribution. The power supply transformer, regulator board, and filter capacitors are mounted on a common chassis while the bridge rectifier and series pass regulator transistors are mounted on the power amplifier heat sink.

# 2.3 OPTION DESCRIPTIONS

A short description for most of the options is contained in Table 2-2. Refer to the Option chart in section 1 of this manual for a complete listing of all options since Table 2-2 does not describe the obvious options such as adding a RAT board etc..

# Table 2-2 Option Description Table

Option Description MAI.

- 15 The Wild Card I option provides remote control of a non-radio on/off function at or near the base station site.
- 16 The Wild Card II option provides remote control of a second non-radio on/off function at or near the base station site.
- 32 The Omit Power Supply option eliminates the power supply in the station and allows operating the console from a customer-supplied dc power source.
- 63 The Transmit PL Disable option allows the operator to disable transmission of any transmit PL tone.
- 66 The Four Channel Capacity option allows for multi-frequency control of a base station (up to four channels). The option provides individual selection of the desired transmit/receive frequency.
- 84 The Omit Wire Line Control option is applicable to repeater stations only.
- 91 The PL Decode Only option allows for decoding PL codes only and does not allow transmission of PL codes.
- 143 The Remote Repeater Control (Repeater Key) option allows the operator to enable or disable a wire line controlled repeater. This requires the inclusion of a 1450Hz and a 1550Hz tone decoder; 1450Hz for repeater set-up and 1550Hz for repeater knock down.
- 144 The 4-Wire Audio option adds 4-wire audio capability to the station.
- 164 The Rack Mount Without Slide Rails option allows the station to be hard mounted in a standard 19-inch relay rack
- 182 The External Duplexer option provides an external duplexer for use with the station to lessen the effects of de-sense in high rf environments.

- 202 The 2100Hz Guard Tone option is available for use in stations using ZVEI coding formats.
- 203 The 2325Hz Guard Tone option is available for use in stations using CCIR/EEA coding formats.
- 317 The Line Continuity Check with Wireline Acknowledge option incorporates automatic acknowledge of wireline commands and line continuity check with operator alarm in case that the wire line has failed.
- 395 The Non-Standard Time-Out Timer option provides a PTT time-out timer with the time-out period as specified by the customer and not available in the standard time-out timer.
- 404 The Extended First Tone (600 ms) option provides a longer first tone time for those systems requiring more delay.
- 463 The PL Selectable Encode option allows for selecting two PL pairs for transmitting and receiving.
- 576 The Single Tone RAT Decoder Enable option allows for repeater access via a single tone, usually a Select 5 tone.
- 861 The Non-Standard Automatic Reset Time option provides for automatic reset times between 10ms and 5.46 minutes.
- 868 The Channel Slaved PL Encode/Decode option defines a PL code for each channel that is automatically envoked when a channel is selected.
- 871 The Non-Standard Extended First Tone option allows extending the first Select 5 tone to any duration between 10ms and 4000ms in 5ms steps.

- 878 The Line Fail Talk Through and Wireline Acknowledge option allows a repeater to automatically go to the repeat mode, set up, in the event of a wireline failure.
- 882 The Rack Mount With Slide Rail option allows the station to be mounted in a standard 19-inch rack on slide rails which allows the station to be extended from the rack on slide rails to facilitate servicing.
- 889 The Channel Slaved RF Power option defines an RF power output level for each channel that is automatically invoked when a channel is selected.
- 899 The PL Selectable Encode/Decode option allows for operator selection of two PL codes for encode and two PL codes for decode.
- 908 The Two-Tone Sequential RAT Decode option allows the use of two sequential tones (usually Select 5 tones) for repeater access.
- 909 The Multi-Tone Sequential RAT Decode option allows the use of two, three, four, five, six or seven ZVEI, CCIR, or EEA sequential tones for repeater access.
- 923 The Squelch Monitor option allows the operator to defeat the carrier squelch setting of the station to allow monitoring any activity on the channel.
- 930 The PL Selectable Encode option allows selection of up to four PL codes for transmission by the station.
- 931 The PL Selectable Encode/Decode option allows selection of up to four PL codes for transmission and four PL codes for reception.

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### 3 INSTALLATION

### 3.1 INTRODUCTION

Carefully plan the installation before actual work is started. Location of the station in relation to power, control lines, antenna, and convenience and access for servicing should be considered. Figure 3-1 shows the size of the cabinet for space requirements. Make sure all equipment and facilities are available when the installation is begun.

# 3.2 VENTILATION

### 3.2.1 Wall Mount

The radio equipment is operated without forced convection. The cabinet has vents which allow outside air to be drawn in and exhausted through louvered openings. It is essential that the openings be kept free of obstructions so the air flow will not be restricted. For proper cooling of the heatsink on the side of the unit the fins must be in a vertical plane and free from obstructions both on top and bottom. To maintain proper ventilation, the unit must be mounted such that there is no obstruction or another unit within 100mm of the sides and within 150mm top and bottom.

### NOTE

Sufficient clearance must also be provided at the front of the unit to allow for opening of the door, servicing, and major component removal or replacement.

# 3.2.2 Rack Mount

The unit can be mounted in standard DIN or EIA mounting racks when ordered with the rack mount options. The low power units do not require any special ventilation considerations or forced convection. A fan is provided for the 25-watt transmitters as they require forced convection for proper ventilation.

### 3.2.3 Station Mounting Procedures

### 3.2.3.1 Wall Mount Units

Step 1. Refer to Figure 3-1 for cabinet dimensional details.

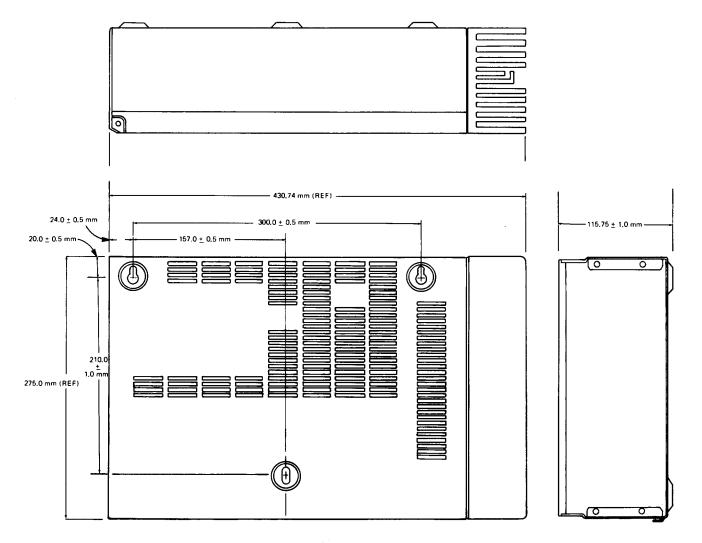


Figure 3-1 MC compact Mounting Dimensional Detail (Bottom View)

Step 2. The station should be located on a solid surface convenient to the power source and the rf transmision line, keeping in mind the ventilation requirements outlined above.

# NOTE

The transmission line should be kept as short as possible to minimize line losses. Refer to the Lightning Protection Recommendations instruction sheet 68P8111E17, available separately, for additional antenna, rf transmission line, and control line installation considerations.

Step 3. Mount the station at the selected location using appropriate fasteners to securely hold the station in place. The 10W station weighs 12kg and the 25W station 13kg.

# 3.2.3.2 Rack Mount Units

Step 1. Refer to Figure 3-3 for cabinet dimensions. The rack mounted unit occupies three rack slices (133mm), the optional duplexers occupy an additionial two rack slices (88mm).

Step 2. The rack mounted unit should be housed in a DIN rack or enclosure using hardware provided by the rack manufacturer, keeping in mind the ventilation requirements outlined above. Refer to Figure 3-4 at the end of this section for installation details of rack mounting with slides.

# 3.3 ANTENNA CONNECTIONS

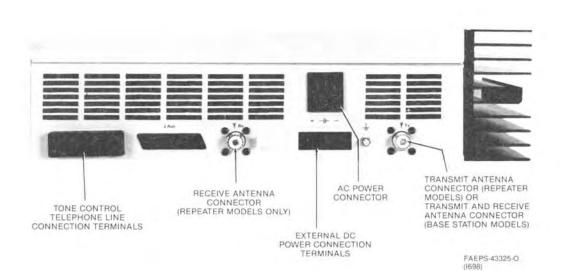
The antennas and transmission lines are not part of the station. Therefore, antenna installation instructions are not included in this section. Follow the instructions shipped with the antenna for applicable information.

In its primary application, the station is used for communications with mobile radios. Thus, antennas with omni-directional characteristics are desirable. However, if the station is located at the outer perimeter of a communications area, or if it is to be used for communications with a fixed station, an antenna with specific directional characteristics may be more suitable. Local governments may also dictate the type of antenna to be used.

All antenna cables connect to UHF coaxial connectors on the bottom of the station. See Figure 3-2. For repeater stations without the optional external duplexer, two antennas are required; one for the transmitter and one for the receiver. Repeater stations with the optional duplexer require only one antenna.

### NOTE

If an external duplexer is used, connect the receiver port of the duplexer to the RX connector and the transmit port of the duplexer to the TX connector on the bottom of the station and connect the antenna to the antenna port on the duplexer.



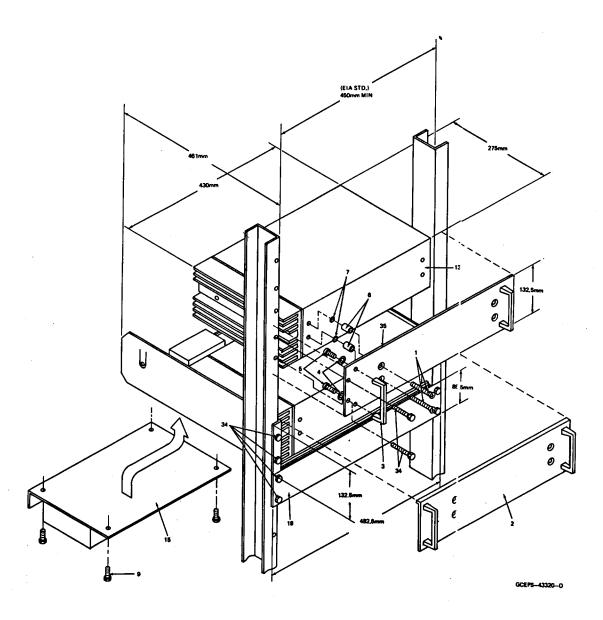


Figure 3-3 Mounting Dimensional Rack Mount Units

# 3.4 AC INPUT POWER AND GROUND CONNECTIONS

3.4.1 Introduction

All stations should have a separate power circuit of the proper current and voltage for station operation. The power lines should be installed in accordance with local electrical codes. A substantial earth ground must be provided as close to and in as straight a line as possible with the ground terminal provided on the station. Do NOT consider the electrical outlet box as a substantial ground. The primary ac power line may be installed prior to installation of the cabinet and terminated near the location chosen for the station.

3.4.2 AC Input Power and Ground Connections

Step 1. Install the station as described in section 3.3.

Step 2. Connect the female plug of the ac line cord to the ac input power connector on the bottom of the station. See Figure 3-2. ohms

Step 3. Connect the ground terminal on the station to a substantial earth ground located as close as possible to the station and in as straight a line as possible with the ground terminal.

### NOTE

### A power ON-OFF switch is not provided on the station, therefore the equipment is immediately operational when the power cord is plugged into a live ac outlet.

Step 4. Make sure that the main ac power source is of the proper voltage and frequency for the station. Then connect the male plug of the ac line cord to the main ac power source.

### WARNING

Even if a three-wire grounded primary ac power source is available, the equipment must be grounded separately to prevent electrical shock hazards and provide lightning protection. Make sure to observe local regulations

# 3.4.3 Optional DC Input Connections

Connection of the optional dc input power to the terminal block on the bottom of the station (see figure 3-2) is customer-supplied.

#### CAUTION

Be sure to note polarity when making dc power connections to prevent damage to the equipment.

3.5 CONTROL LINE CONNECTIONS AND LEVEL SETTINGS

### 3.5.1 Introduction

The station can be controlled from a remote point over wireline circuits. In standard stations, simplex audio is used, meaning that the remote point can send audio to the station or receive audio from the station, but not both at the same time. Therefore, a single audio pair will suffice.

Four-wire audio operation, wherein transmitter audio and receiver audio are carried on separate wire pairs is possible in stations equipped with the 4-wire audio option. The 4wire audio option uses one line pair for transmit audio and another line pair for receive audio.

### 3.5.2 Wireline Specifications

The audio wireline(s) must meet the following standards for acceptable radio communications. Verify the characteristics of leased telephone lines before installation.

Frequency response: 500 to 2500 Hz Frequency translation error: <u>+</u> 5 Hz Impedance: 600 or 900 ohms balanced line Maximum line loss: 20 dB

# 3.5.3 Control Line Level Adjustment

### 3.5.3.1 General Information

Most telephone authorities limit the maximum signal amplitude which they allow on their lines. Check with the telephone authority for the maximum level to be used on your lines. Adjust the audio levels to the maximum permissible level which will give the best signal-to-noise ratio. For lines not subject to level restrictions, set the line level to + 11 dBm.

3.5.3.2 Line Level Adjustments

3.5.2.1 Tone Control Line Levels

The control tone levels for remote controlled functions are adjusted at the remote control console. No additional adjustments are required at the base station.

3.5.3.2.2 Transmit Audio Line Adjustments

The preferred method for adjusting transmit audio line levels is to utilize the remote control console as a signal source. This is necessitated by the variation in wireline attenuation. The transmit audio level should be adjusted per the following procedure.

Step 1. Send a 1 kHz tone from the console at the maximum level permitted on the line.

Szep 2. Adjust potentiometer R1002 for 360 mV rms at test point 3 on the TRC board.

3.5.3.2.3 Receive Audio Line Level Adjustment

The receive audio line level should be adjusted as follows:

Step 1. Connect an rf signal generator to the base station antenna port (RX if a repeater station; TX if a base station). See figure 3-2.

Step 2. Connect an HP 3552 (or equivalent) transmission test set across the console wireline port and select the REC TERM function with 600 ohms impedance selected. If a transmission test set is not available, connect a 600 ohms  $\pm 1$  % resistor across the wireline and use a high impedance ac voltmeter to make the measurements.

### NOTE

To PL disable the station receiver, if required, place the PL DISABLE switch on the TRC board to PL DISABLE. The yellow LED should light on the TRC board indicating PL disable mode.

Step 3. Input an on-channel frequency signal at a level of 1 mV rms. On 2-frequency stations, local channel selection may be accomplished by placing the LINE DISABLE switch on the TRC board to LINE DISABLE and then setting the FREQUENCY SELECT switch to F1 or F2. For 4frequency stations, switches S1 through S4 on the Enhanced Tone Remote Control (ETRC) board are used for frequency selection. Refer to Table 3-1 for details.

# Table 3-1 Frequency vs ETRC Board Frequency Select Switch Chart

Frequency	ETRC Switch No.
. 1	1
2	2
3	3
4	4

Step 4. Modulate the on-channel frequency signal with a 1 kHz sine wave at 100 % full system deviation, per Table 3-2.

### Table 3-2 Full System Deviation (FSD) vs Channel Spacing

<u>Channel Sp</u>	acing FSD	-
25 kH	z + 5 kHz	
20 kH	z + 4 kHz	
12.5 kl	Hz $\pm 2.5$ kHz	

Step 5. Adjust potentiometer R831 on the TRC board for maximum wireline output level allowed on the telephone line (or + 11 dBm).

# 3.6 JUMPERING INFORMATION

The following sections provide tabular jumper information required to determine desired system operation. Refer to these tables upon installation for proper jumper configuration selectable options.

# 3.6.1 Tone Remote Control Board Jumpers

Table 3-3 Tone Remote Control Board Jumpers

Ref. Symbol	Installation Description
R832	OUT Normally IN For Option MAL895, -6 dBm Maximum Wireline Level.
JU1	IN For 600 ohms Wireline Impedance. OUT For 900 ohms Wireline Impedance.
JU2	IN For 900 ohms Wireline Impedance. OUT For 600 ohms Wireline Impedance.
JU3	IN For 2-wire Audio. OUT For Option MAL144 4-wire Audio.
JU4	IN For Option MAL144 4-wire Audio. OUT For 2-wire Audio.
JU5	IN For 2-wire Audio. OUT For Option MAL144 4-wire Audio.
JU6	IN Normally. OUT For SP Use.
JU7	IN Normally. OUT For SP Use.

#### JU8 IN For 2175 Hz Guard Tone, Option MAL 202 (ZVEI), (2100 Hz Guard Tone). OUT For Option 2100 Hz Guard Tone, or MAL203 (2325 Hz Guard Tone). JU9 & IN Normally. JU10 OUT SP Use. JU11 IN SP Use. OUT Normally. JU12 For REPEATER stations only "AT" suffix models). Variable repeater Drop-Out-Delay is determined by use of JU12 and 3 resistors. Field Service personnel must configure each station to customer requirements per the following table. Repeater Drop-Out Delay (Seconds) JU12 **R922** R923 **R924** 0 IN IN IN IN 1 OUT IN IN IN 2 OUT OUT OUT IN 3 OUT IN IN OUT 4 OUT OUT IN OUT 7 OUT IN OUT OUT JU14 IN SP Use. OUT Normally JU15 IN For One-Frequency Models (GLN6767A or GLN6815A). OUT For Option MAL66 4-Channel Capacity, or Option MAL679 Two-Channel Capacity (GLN6768A). JU16 IN SP Use. OUT Normally. SP Use. JU17 IN OUT Normally. JU18 IN For BASE Stations ("A" Suffix Models). OUT For REPEATER Stations ("AT" Suffix Models). JU19 IN Normally. OUT For Option MAL923 Squelch Monitor. JU20 IN Normally. OUT For Option MAL66 4-Channel Capacity, Option MAL15 Wild Card I, Option MAL16 Wild Card II, Option MAL878 Line Fail Talk Through or Option MAL317 Line Continuity Check (requires ETRC Board). JU21 IN Normally. OUT For Option MAL66 4-Channel Capacity, Option MAL15 Wild Card I, Option MAL16 Wild Card II, Option MAL878 Line Fail Talk Through or Option MAL317 Line Continuity Check

(requires ETRC Board).

JU22	IN Normally. OUT For MAL143 and MAL878.
JU23	<ul> <li>IN For 2175 Hz Guard Tone Std Models, MAL351 (CCIR 2325 Hz Guard Tone), MAL352 (70 ms CCIR 2325 Hz Guard Tone, or MAL353 (EEA 2175 Hz Guard Tone).</li> <li>OUT For MAL349 (ZVEI), or MAL350 (modi- fied ZVEI) 2100 Hz Guard Tones.</li> </ul>
 JU24	IN Normally. OUT SP Use.
JU25	IN SP Use. OUT Normally.
JU26	IN Normally. OUT SP Use.
JU27	IN For MAL923. OUT Normally.
JU28	IN Normally. OUT For MAL143 Remote Repeater Control.
JU29	IN For MAL206 Battery Revert/Charging. OUT Normally.
JU30	IN SP Use. OUT Normally.
JU31	IN Normally. OUT For MAL311.
JU32	IN For BASE Stations ("A" Suffix). OUT For REPEATERS ("AT" Suffix Models).
JU33	IN For BASE Stations ("A" Suffix). OUT For REPEATERS ("AT" Suffix Models).

# 3.6.2 ETRC Board Jumpers

Table 3-4 Enhanced Tone Remote Control Board Jumpers		
Ref. Symbol	Inst	tallation Description
R81		For MAL317 Line Continuity, or MAL 878 Line Fail Talk Through (Acknow- ledge Tone ENABLE). Normally.
R98	IN OUT	For MAL878 Line Fail Talk Through ENABLE. Normally.
JU1	IN OUT	For MAL15 Wild Card I, MAL16 Wild Card II, MAL66 Four-Channel Capacity, MAL317 Line Continuity, or MAL878 Line Fail Talk Through. For MAL463 Two-Selectable PL Encode, MAL899 Two-Selectable PL ENC/DEC, MAL930 Four-Selectable PL ENC/DEC (1900 Hz Select Frequency 1 Command).
 JU2	IN OUT	For MAL463 Two-Selectable PL Encode, MAL899 Two-Selectable PL ENC/DEC, MAL930 Four-Selectable PL Encode, or MAL931 Four-Selectable PL ENC/DEC (1350 Hz Select PL-A Command). Normally.

JU3	IN	For MAL66 Four-Channel Capacity or
	OUT	MAL679 Two-Channel Capacity (1850 Hz Select Frequeny 2 Command). Normally.
 JU4	IN	For MAL463 2-Selectable PL Encode, MAL899 2-Selectable PL ENC/DEC, MAL930 4-Selectable PL Encode, or MAL931 4-Selectable PL ENC/DEC.
	OUT	Normally.
JU5	IN OUT	For MAL66 4-Channel Capacity (1350Hz Select Frequency 3 Command). Normally.
JU6	IN	For MAL930 4-Selectable PL Encode
	OUT	MAL931 4-Selectable PL ENC/DEC (1150 Hz Select PL-C Command). Normally.
JU7	IN OUT	For MAL66 4-Channel Capacity (1250Hz Select Frequency 4 Command). Normally.
 JU8	IN	For MAL930 4-Selectable PL Encode,
	OUT	or MAL931 4-Selectable PL ENC/DEC (1050 Hz Select PL-D Command). Normally.
JU9	IN	Always (1959 Hz used As Tx In Fre- quency 1 Function Tone).
JU10	IN	For MAL66 Four-Channel Capacity, or MAL679 Two-Channel Capacity (1850 Hz Used As A Tx Function Tone). Normally.
		ی او نو ها های و و و و و و و و و و و و و و و و و و و
JU11	IN OUT	SP Use. Normally.
JU12	IN OUT	SP Use. Normally.
JU13	IN OUT	For MAL66 Four-Channel Capacitor (1350 Hz Used As A Tx Function Tone). Normally.
JU14	IN OUT	
JU15	IN OUT	SP Use. ? Normally.
JU16	IN OUT	SP Use. ? Normally.
JU17		Undefined.
JU18	ب بی خت خد خد	Undefined.
JU19	IN OUT	For MAL15 Wild Card I (1350 Hz Wild Card I Output SET). Normally.
JU20	IN OUT	
 JU21	IN OUT	For MAL15 Wild Card I (1350 Hz Wild Card I Output RESET). I Normally.
JU22	IN OUT	SP Use. f Normally.
		ووج بالا ملاحة المالية

JU23	IN OUT	For MAL16 Wild Card II (1150Hz Wild Card II Output Set). Normally.
JU24	IN OUT	SP Use. Normally.
JU25	IN OUT	For MAL16 Wild Card II (1050Hz Wild Card II Output RESET). Normally.
JU26	IN OUT	SP Use. Normally.
JU27	Unde	
JU28	IN OUT	Normally. SP Use.
JU29	IN OUT	Normally. SP Use.
JU30	IN OUT	Normally. SP Use.

# 3.6.3 Command Board Jumpers

An MC compact station can be configured as a BASE station ("A" suffix models) or as a REPEATER station ("AT" suffix models). A BASE station has GLN6809A Transceiver Command Board installed. A REPEATER station has two seperate command boards installed. The Rx chassis has GLN6810A Receive Only Command Board installed. The Tx chassis has the GLN6811A Transmit Only Command Board installed.

# 3.6.3.1 GLN6809A Transceiver Command Board

# Table 3-5

GLN	6 <b>8</b> 09 <b>A</b>	Transceiver Command Board Jumpers
Ref. Symbol	1	Installation Description
JU404	IN	Always.
JU501	IN	Always.
JU551	IN OUT	SP Use. Normally.
JU552	IN OUT	Normally (de-emphasized Rx Audio). SP Use.
JU601	IN OUT	SP Use. Normally.
JU602	IN OUT	Normally (pre-emphasized Tx Audio). SP Use.
JU701	IN OUT	For MAL66 Four Channel Capacity, MAL463 2-Selectable PL Encode, MAL899 2-Selectable PL ENC/DEC, MAL930 4-Selectable PL Encode, or MAL931 4-Selectable PL ENC/DEC. Normally.
JU702	IN OUT	Normally. For MAL66 Four Channel Capacity, MAL463 2-Selectable PL Encode, MAL899 2-Selectable PL ENC/DEC, MAL930 4-Selectable PL ENC/DEC.

JU703	IN	For MAL66 Four Channel Capacity,
	•	MAL463 2-Selectable PL Encode,
		MAL899 2-Selectable PL ENC/DEC,
		MAL930 4-Selectable PL Encode, or
		MAL931 4-Selectable PL ENC/DEC.
	OUT	Normally.
JU704	IN	Normally.
	OUT	For MAL66 Four Channel Capacity,
		MAL463 2-Selectable PL Encode,
		MAL899 2-Selectable PL ENC/DEC,
		MAL930 4-Selectable PL Encode, or
		MAL931 4-Selectable PL ENC/DEC.
JU705	IN	SP Use.
	OUT	Normally.
JU706	IN	SP Use.
	OUT	Normally.
JU707	IN	Аlways
JU712	IN	Always.
JU717	IN	Always.
JU802	IN	Always.
pers	inst	ving jumpers labeled JQxxx, are jum- alled between collector and emitter emoved transistors and are always IN.
JQ404	IN	Always.
JQ551	IN	Always.
_		

### 3.6.3.2 GLN6810A Receiver Command Board

JQ712 IN Always.

# Table 3-6 GLN6810A Receiver Command Board Jumpers

Ref. Symbo	1 Ins	tallation Description
JU404	IN	Always.
JU501	IN	Always.
JU551	IN OUT	SP Use. Normally.
JU552	IN OUT	Normally, (For Deemphasized Receiver Audio). DP Use.
JU701	IN OUT	For MAL66 Four Channel Capacity, MAL463 2-Selectable PL Encode, MAL899 2-Selectable PL ENC/DEC, MAL930 4-Selectable PL Encode, or MAL931 4-Selectable PL ENC/DEC. Normally.
JU702	IN OUT	Normally. For MAL66 Four Channel Capacity, MAL463 2-Selectable PL Encode, MAL899 2-Selectable PL ENC/DEC, MAL930 4-Selectable PL Encode, or MAL931 4-Selectable PL ENC/DEC.

JU703	IN OUT	For MAL66 Four Channel Capacity, MAL463 2-Selectable PL Encode, MAL899 2-Selectable PL ENC/DEC, MAL930 4-Selectable PL Encode, or MAL931 4-Selectable PL ENC/DEC. Normally.
JU704	IN OUT	Normally. For MAL66 Four Channel Capacity, MAL463 2-Selectable PL Encode, MAL899 2-Selectable PL ENC/DEC, MAL930 4-Selectable PL Encode, or MAL931 4-Selectable ENC/DEC.
JU705	IN OUT	SP Use. Normally.
JU706	IN OUT	SP Use. Normally.
JU707	IN	Always.
JU712	IN	Always.
JU717	IN	Always.
JU802	IN	Аlwayв
pers	insta	ing jumpers labeled JQxxx, are jum- alled between collector and emitter emoved transistors and are always IN.
JQ404	IN	Always.

JQ551 IN	Always.
JQ707 IN	Always.
JQ712 IN	Always.

# 3.6.3.3 GLN6811A Transmitter Command Board

# Table 3-7 GLN6811A Transmitter Command Board Jumpers

Ref.					
Symbo	1	Installation Description			
JU404	IN	Always.			
JU601	IN OUT	SP Use. Normally.			
JU602	IN	Always (For Preemphasized TX Audio).			
JU701	IN OUT	For MAL66 Four Channel Capacity, MAL463 2-Selectable PL Encode, MAL899 2-Selectable PL ENC/DEC, MAL930 4-Selectable PL Encode, or MAL931 4-Selectable PL ENC/DEC. Normally.			
JU702	IN OUT	Normally. For MAL66 Four Channel Capacity, MAL463 2-Selectable PL Encode, MAL899 2-Selectable PL ENC/DEC, MAL930 4-Selectable PL Encode, or MAL931 4-Selectable PL ENC/DEC.			
JU703	IN OUT	For MAL66 Four Channel Capacity, MAL463 2-Selectable PL Encode, MAL899 2-Selectable PL ENC/DEC, MAL930 4-Selectable PL Encode, or MAL931 4-Selectable PL ENC/DEC. Normally.			

JU704	IN OUT	Normally. For MAL66 Four Channel Capacity, MAL463 2-Selectable Encode, MAL899 2-Selectable ENC/DEC, MAL930 4-Selectable Encode, or MAL931 4-Selectable ENC/DEC.
JU705	IN OUT	SP Use. Normally.
JU706	IN OUT	SP Use. Normally.
JU707	IN	Always.
JU717	IN	Always.
JU720	IN	Always.
pers	insta	ing jumpers labeled JQxxx, are jum- illed between collector and emitter emoved transistors and are always IN.
JQ404	IN	Always.
JQ707	IN	Always.
JQ712	IN	Always.
JQ720	IN	Always.

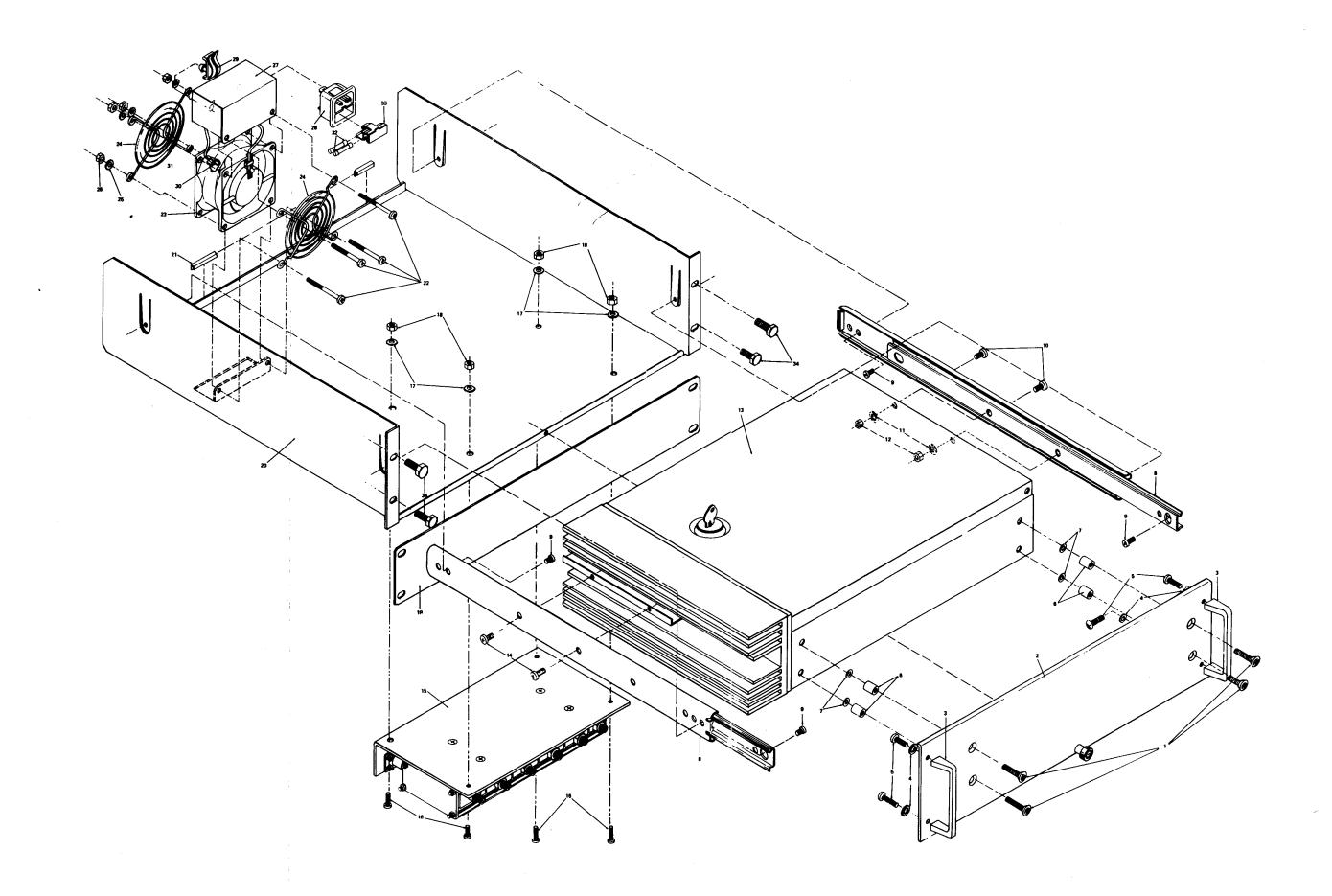
# 3.6.4 GLN6769A Repeater Access Tone (RAT) Decoder Board Jumpers

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The transceiver command board has 9 jumpers. Seven jumpers are always installed, and two jumpers are employed for special customer applications. Refer to Table 3-8 for details.

# Table 3-8 GLN6769A RAT Decoder Board Jumpers

Ref. Symbol	Ins	tallation Description
JU401	IN	Always.
JU702	IN	Always.
JU704	IN	Always.
JU705	IN OUT	SP Use. Normally.
JU706	IN OUT	SP Use. Normally.
JU707	IN	Always.
JU712	IN	Always.
JU717	IN	Always.
JU801	IN	Always.
pers i	nsta	ing jumpers labeled JQxxx, are jum- lled between collector and emitter emoved transistors and are always IN.
JQ401	IN	Always.
JQ707	IN	Always.
JQ712	IN	Always.



### EXPLODED VIEW PARTS LISTS

# GLN6774A

Rackmount with Slides

### PL-10180-B

Reference Symbol	Motorola Part Number	Descriptio	on	
1	0380269H15	SCREW	tapping: M5x20	4 used
2	6403447A01	PANEL	drawer	
3	5503451A01	HANDLE		2 used
4	0484718C18	WASHER	lock	4 used
5	0384723C19	SCREW	M5x12	4 used
6	4384723A06	BUSHING		4 used
7	0402470B02	WASHER	captive	4 used
8	4503450A01	SLIDE	-	2 used
9	0380269H12	SCREW		4 used
10	0380165J07	SCREW	machine: M4x10	2 used
11	0484718C02	WASHER	lock	2 used
12	0284784B02	NUT	hex	2 used
13	MAL EVM A	RADIO	MC compact	
14	0380269H05	SCREW	tapping: M4x0.7	2 used
15	MAL182	DUPLEXER	external	(optional)
16	038016 <del>5J</del> 07	SCREW	machine: M4x10	4 used
17	0484718C02	WASHER	lock: M4	4 used
18	0284784B02	NUT	M4	4 used
19	6484585P02	PANEL	blank	(optional)
20	0703448A01	TRAY	EIA mounting	
21	0503470A02	GROMMET	edge	

# GLN6773A Rackmount Without Slide Hardware

PL-10181-B

PL-10182-B

Reference Symbol	Motorola Part Number	Description	
1	0380269H15	SCREW tapping: M5x20	4 used
3	5503451A01	HANDLE	2 used
4	0484718C18	WASHER lock	4 used
5	0384723C19	SCREW M5x12	4 used
6	4384723A06	BUSHING	4 used
7	0402470B02	WASHER captive	4 used
13	MAL EVM A	RADIO MC compact	
34		BOLTS customer supplied	4 used
35	6403453A01	PANEL fixed	
		NON-REFERENCE ITEM:	
	3803460A01	BUTTON plug	2 used

# GLN6862A Fan For Rackmount With Slides

#### Reference Motorola Symbol Part Number Description 22 0380165J09 SCREW machine: M4x7 4 used 23 5903467A02 FAN cooling; 220 V 24 3503468A01 GRILLE fan 25 0484718C02 WASHER 4 used lock 26 0284784B02 NUT hex 4 used 27 1503466A01 HOUSING junction 28 2802138M04 RECEPTACLE ac w/fuse housing 4203459A01 29 CLIP 30 0380269H13 SCREW machine: M4x0.7 4 used 31 2984770A06 LUG terminal 32 6584711C09 FUSE 2 amp; 250 V (p/o 28) 33 HOLDER fuse 34 BOLTS customer supplied 4 used \_\_\_

# SECTION 4

# MAINTENANCE

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### 4 MAINTENANCE

### 4.1 INTRODUCTION

This section details procedures required in the overall maintenance of the rf and remote control portions of the station.

The first part of this section consists of the procedures required to locally operate the station during servicing. This allows service personnel to operate all functions of the station without an operator present at the control site.

The second part contains the remote control alignment procedure for transmit and receive audio, guard tone filters, and phase lock loop decoders. These adjustments have all been made in the factory, but may need to be performed again in the field if any repairs are made.

The third section contains the alignment procedures for the rf section of the radio. The last part explains how to disassemble the radio and contains the station mechanical parts identification diagram.

### 4.2 LOCAL OPERATION

The cover on the station housing must be opened in order to access the local control switches located on the tone remote control (TRC) and enhanced tone remote control (ETRC) boards. Additionally, the ETRC and repeater access tone (RAT) decoder boards must be removed to access several of the adjustments located on the TRC board. Refer to figures 3-1 and 3-2 for local control switch and adjustment locations

### WARNING

The transmitter can be keyed remotely. To prevent unexpected transmitter keying while servicing the station, be sure the LINE DISABLE switch and RE-PEATER DISABLE switch (repeater models only) on the TRC board are actuated.

The optional service microphone plugs into connector J3 on the TRC board to transmit locally with modulation. The optional handset can also be plugged into J3 to either transmit locally with modulation or provide an intercom between the serviceman and the console operator (refer to the intercom switch operation paragraph). The optional service speaker can be plugged into connector P2 in order to listen to received audio.

Reprogramming of the MC compact radio is accomplished by connecting the 8 pin modular connector on the field programmer interface cable to connector J8 (receiver or transceiver) or J9 (transmitter) on the TRC board.

There are six switches on the station TRC board that permit local operation. Refer to Figure 4-1 for switch locations. Table 4-1 lists each switch along with its functions.

Table 4-1 TRC Board Local Control Switch Functions

Switch	Posit	ion Functional Description
Repeater disable	OFF	Normal repeater operation.
	ON	Disables repeater operation during servicing.
Line disable	OFF	Normal station operation.
	ON	Disables remote control from the console during servicing
Local PTT		This is a momentary switch. When depressed, the station will transmit on whatever frequency has been selected on the local F1/F2 select switch with no modulation. The unit stops transmitting when the switch is no longer depressed to prevent the serviceman from leaving the station in a transmit mode. Plug the optional service handset or microphone into modular connector J3, on the logic board to modulate the transmitter.
F1/F2 select		Transmit on or select fre quency l after the local PT button SW3, is depressed.
	F2	Transmit on or select fre- quency 2 after the Local PT button, SW3, is depressed.
PL disable (GLN6768A only)	OFF	Receiver PL circuit is enabled.
	ON	Receiver PL circuit is dis abled
Intercom IN	rercom	Selects intercom mode. This mode permits the serviceman to communicate with the com- sole operator while he is servicing the station. The intercom mode inhibits trans- mitter keying when the hand- set or MIC PTT button is de- pressed. The serviceman's audio is instead routed down the line to the console.

INTERCOM/PTT Normal station operation.

There are four momentary switches on the station ETRC board that permit local frequency selection. The F1/F2 switch on the TRC board is inoperative when the ETRC board is used. Refer to figure 3-2 for switch locations. Table 3-2 lists each switch along with its functions.

Table 4-2					
ETRC	Board	Local	Control	Switch	Functions
	g	witch	Che	nnel	

UW I LUII	onumer
SW1	Fl
SW2	F2
SW3	F3
SW4	F4

## 4.3 TEST EQUIPMENT REQUIRED

R2001D	Communications System Analyzer, or
R2200B	Service Monitor
PFT4053A	Psophometric Filter
FTP3005B	Select 5 Test Unit (not required with R2001D)
R1037A	Digital Multimeter, or
R1024B	Digital Multimeter
HP8903	Audio Analyzer
HP3552	Transmission Test Set

4.4 TONE REMOTE CONTROL (TRC) BOARD ALIGNMENT

The following sections contain the tone remote control board alignment procedures for transmit and receive audio, guard tone filters, and phase lock loop decoders. These adjustments have all been made in the factory, but may need to be performed again in the field if any repairs are made. All adjustments and test points referenced are located on the TRC board. Refer to Figure 1 for adjustment locations.

# 4.4.1 Detected Audio Level Adjustment

Step 1. Apply an on-channel signal at 1 mV rms with 1 kHz modulation at 60 % of full system deviation to the antenna connector labeled TX (base stations) or RX (repeaters).

Step 2. If the radio has PL, activate the PL disable switch on the TRC board.

Step 3. Monitor the voltage at TPl and adjust potentiometer R820 for 160 mV rms.

# 4.4.2 Receiver Notch Filter Adjustment

Step 1. Apply an on-channel signal at 1 mV rms with 1 kHz modulation at 60 % of full system deviation to the antenna connector labeled TX (base stations) or RX (repeaters).

Step 2. If the radio has PL, activate the PL disable switch on the TRC board.

Step 3. Monitor the LINE 1 output and set a reference using 1 kHz modulation.

Step 4. Change the modulating frequency to the guard tone frequency (2175 Hz standard, 2100 Hz if MAL202, and 2325 Hz if MAL203).

Step 5. Adjust potentiometer R963 for a minimum voltage at LINE 1. This level should be at least 25 dB below the reference.

# 4.4.3 Transmitter Notch Filter Adjustment

Step 1. Apply an 1 kHz tone to LINE 1 (LINE 2 if option MAL144 is used) and adjust its level for 360 mV rms at TP3 on the TRC board.

Step 2. Measure the voltage at TP4 and use this level to set a reference.

Step 3. Change the modulating frequency to the guard tone frequency (2175 Hz standard, 2100 Hz if MAL202, and 2325 Hz if MAL203).

Step 4. Adjust potentiometer R931 for a minimum voltage at TP4. This level should be at least 25 dB below the reference.

### 4.4.4 Transmitter Bandpass Filter Adjustment

Step 1. Apply an 1 kHz tone to LINE 1 (LINE 2 if option MAL144 is used) and adjust its level for 360 mV rms at TP3 on the TRC board.

Step 2. Change the modulating frequency to the guard tone frequency (2175 Hz standard, 2100 Hz if MAL202, and 2325 Hz if MAL203).

Step 3. Monitor the voltage at TP40 and adjust potentiometer R968 for a peak. Monitor the voltage at TP5 and adjust R972 for a peak.

Step 4. Repeat step 3 once. A level of at least 1.0 V rms at TP5 should be obtained.

# 4.4.5 Guard Tone Decoder Adjustment

Step 1. Monitor the frequency at TP8 while shorting the two pins at TP7 together.

Step 2. Adjust potentiometer R868 for the guard tone frequency (2175 Hz standard, 2100 Hz if MAL202, and 2325 Hz if MAL203).

### 4.4.6 PL Disable Decoder Adjustment

Step 1. Monitor the frequency at TP11 while shorting the two pins at TP10 together.

Step 2. Adjust potentiometer R868 for a frequency of 2050 Hz  $\pm$ 2 Hz at TP11.

# 4.4.7 PL Disable Decoder Adjustment

Step 1. Monitor the frequency at TP14 while shorting the two pins at TP13 together.

Step 2. Adjust potentiometer R899 for a frequency of 1950 Hz  $\pm$ 2 Hz at TP11.

### 4.4.8 F2 Frequency Select Decoder Adjustment

Step 1. Monitor the frequency at TP17 while shorting the two pins at TP16 together.

Step 2. Adjust potentiometer R903 for a frequency of 1850 Hz +2 Hz at TP17.

# 4.4.9 Repeater Knockdown/Carrier Squelch Select Decoder Adjustment

Step 1. Monitor the frequency at TP20 while shorting the two pins at TP19 together.

Step 2. Adjust potentiometer R908 for a frequency of 1550 Hz +2 Hz at TP17.

# 4.4.10 Repeater Setup or Squelch Defeat Select Decoder Adjustment

Step 1. Monitor the frequency at TP23 while shorting the two pins at TP22 together.

Step 2. Adjust potentiometer R913 for a frequency of 1450 Hz +2 Hz at TP23.

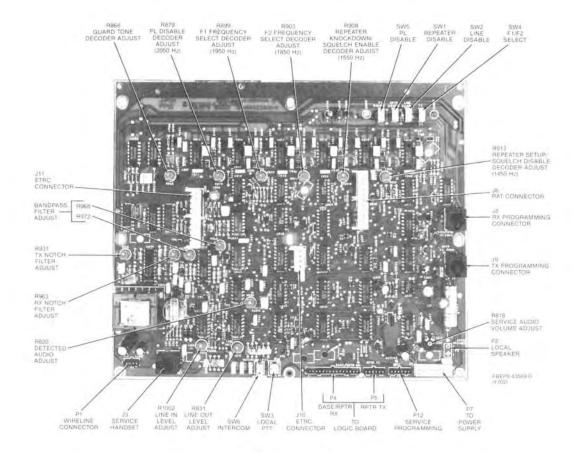
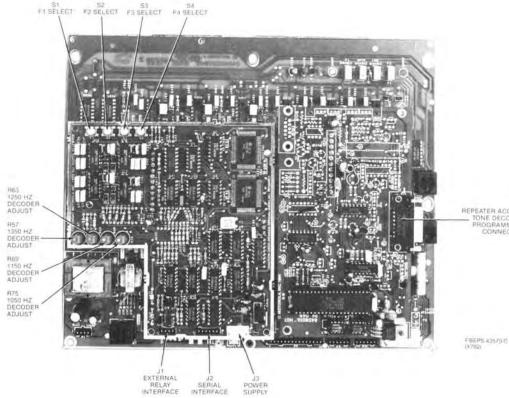


Figure 4-1 Tone Remote Control Adjustment Locations



REPEATER ACCESS TONE DECODER PROGRAMMING CONNECTOR

Figure 4-2 Enhanced Tone Remote Control Board Adjustment Locations

# 4.5 ENHANCED TONE REMOTE CONTROL (ETRC) BOARD ALIGNMENT

The following sections contain the alignment procedures for the PLL decoders located on the enhanced tone remote control board. These adjustments have all been made in the factory, but may need to be performed again in the field if any repairs are made. All adjustments and test points referenced are located on the ETRC board. Refer to figure 4-2 for adjustment locations.

### 4.5.1 1350Hz Decoder Alignment

Step 1. Monitor the frequency at TP2 while shorting the pins at TP1 together.

Step 2. Adjust potentiometer R57 for a frequency of 1350Hz +2Hz at TP2.

### 4.5.2 1250Hz Decoder Alignment

Step 1. Monitor the frequency at TP4 while shorting the pins at TP3 together.

Step 2. Adjust potentiometer R63 for a frequency of 1250Hz +2Hz at TP4.

### 4.5.3 1150Hz Decoder Alignment

Step 1. Monitor the frequency at TP6 while shorting the pins at TP5 together.

Step 2. Adjust potentiometer R69 for a frequency of 1150Hz +2Hz at TP6.

### 4.5.4 1050Hz Decoder Alignment

Step 1. Monitor the frequency at TP8 while shorting the pins at TP7 together.

Step 2. Adjust potentiometer R75 for a frequency of 1050Hz +2Hz at TP8.

### 4.6 RF ADJUSTMENTS

Refer to figures 4-3, 4-4, and 4-5 for adjustment locations

### 4.6.1 Preliminary

The rf adjustment procedures contained in the following sections section require that the following conditions be met prior to alignment:

-- All references to clockwise (CW) or counter-clockwise (CCW) adjustment of controls assume that adjustments are made from the component side of the circuit board.

-- Prior to performing adjustments the radio must be completely assembled except for the synthesizer compartment top cover and chassis cover.

In a base station model, the receiver and transmitter are in the same radio chassis whose antenna connector is labeled TX on the bottom of the station chassis. In a repeater model, the transmitter and receiver are in separate radio chassis and have separate antenna connectors on the bottom of the station labeled TX and RX respectively. In this case, whenever a transmitter adjustment is called for, it should be performed on the transmitter radio chassis. When a receiver adjustment is required, it should be performed on the receiver radio chassis.

For two-frequency units (Option MAL679) first place the line disable switch on the TRC board to the "1" position and then use the frequency select switch on the TRC board to change frequencies. Fl is the "0" position and F2 the "1" position. For four frequency units (Option MAL66, depress the momentary switches, SW1, SW2, SW3, and SW4 on the ETRC board to change frequencies per the following table:

Switch No.
1
2
3
4

To PL disable the receiver, actuate the LINE DISABLE switch and the PL DISABLE switch on the TRC board. The yellow LED on the TRC board should now be lit indicating the PL disable mode. To transmit push the momentary local PTT switch.

4.6.2 Transmitter Adjustments

### IMPORTANT

Adjust potentiometer R477 on the power amplifier current limiter board fully CW before beginning transmitter alignment.

4.6.2.1 VCO Adjustment (All Models)

Step 1. Preset the potentiometers on the transceiver (base) or transmitter (repeater) command board as follows:

# Reference

Designator	Function	Setting	
R463	Voltage limit	Fully CW	
R453	High power set	Fully CCW	
R455	Low power set	Fully CCW	

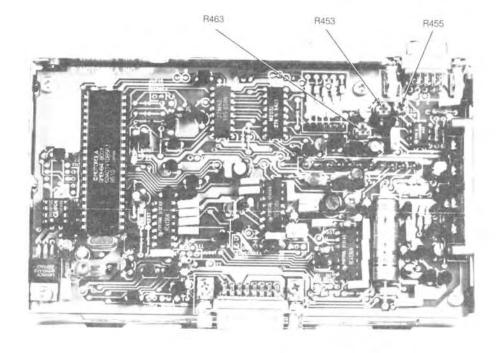
Step 2. Select the channel having the highest transmit frequency.

Step 3. Connect the transmitter antenna connector to an accurate rf power meter that provides a 50 ohm load.

Step 4. Connect a dc voltmeter from the steering line test point (SL) to ground. Meter impedance should be 11 megohms or greater.

Step 5. Key the radio and adjust the transmit VCO frequency (L210 in radios between 66 and 225MHz, or C221 in 403-470MHz radios) for a reading of 7.0V dc (6.0V for 403-470MHz). Dekey the radio.

Step 6. Select the channel having the lowest transmit frequency. Key the radio and verify that the dc voltage is at least 2.5V dc (3.0V dc for 403-470MHz).



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Figure 4-3 Command Board Adjustment Locations

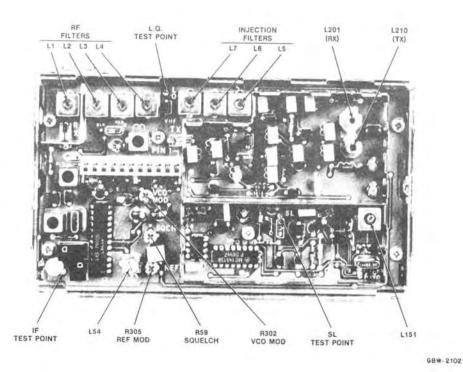
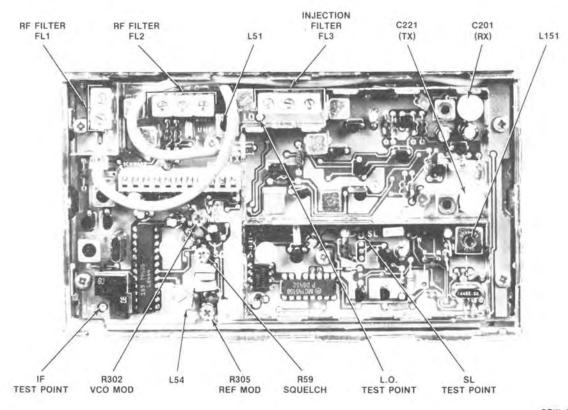


Figure 4-4 Adjustment Locations for all radios between 66 and 225MHz



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Figure 4-5 403-470MHz RF Board Adjustment Locations

4.6.2.2 Output Power Adjustment

### NOTE

# Key radio only while making adjustments or measurements.

Step 1. Select any transmit channel. If MAL889 slaved rf power option is ordered, select any high-power transmit channel.

Step 2. Key the radio and adjust R453 (high power adjust) for approximately:

Model No.	
Prefix	Power Setting
MAL2xxxx	6.0 Watts
MAL3xxxx	10.0 Watts
MAL4xxxx	25.0 Watts

Step 3. Switch through all channels (all highpower channels with MAL889). On each channel, key the radio and note the power output. Record the channel which gives the minimum power output for MAL3xxxx and MAL4xxxx models. Record the channel which gives the maximum power output for MAL2xxxx models. If more than one channel gives the same maximum voltage, choose any one of those channels.

Step 4. Switch through all transmit channels (all high power channels with MAL889). On each channel, key the radio and observe the dc voltage at connector P6, pin 4 or at test point CV on the command board. Record the channel number which gives the greatest voltage, and record the voltage. If this voltage exceeds 10.0V dc, go to step 7. If not, continue with step 5. If more than one channel gives the same maximum voltage, choose any one of those channels. Step 5. On the channel with the highest dc voltage as determined in step 4, turn voltage limit potentiometer R463 fully CCW. Turn high power adjust potentiometer R453 fully CW.

Step 6. Key the radio. Adjust voltage limit potentiometer R463 for a dc voltage which is 2.0 volts higher than the voltage level recorded in step 4, as measured at P6, pin 4 or at test point CV.

Step 7. Adjust the high power set potentiometer (R453) fully CCW.

Step 8. On any channel key the transmitter and observe the dc voltage at TP476, located on the current limit board. Adjust R477 (current limit adjust) for 7.5V  $\pm$ 0.05V.

Step 9. Set the channel selector to the channel which was determined in step 3. Key the radio and adjust the high power potentiometer R453 for:

Model No. Prefix	Power Setting
MAL2xxxx	5.6 Watts
MAL3xxxx	10.7 Watts
MAL4xxxx	26.8 Watts

Step 10. Verify that all channels (or all high power channels with MAL889) produce at least 1.0, 10.0, or 25.0 watts, as appropriate, for MAL3xxxx and MAL4xxxx models. Verify that no channel produces more than 6.0 watts for MAL2xxxx models.

Step 11. If option MAL889 slaved rf power level is ordered, select any low power channel. Key the radio and adjust low power set potentiometer R455 for an output power of 1.0 watt (or other customer-specified power setting) for MAL2xxxx or MAL3xxxx models. Verify that the rf power output on all low-power channels is between 0.7 and 1.4 watts. Readjust R455 slightly if necessary.

### 4.6.2.3 Reference Oscillator Adjustment

Step 1. Connect the transmitter antenna connector to an accurate frequency counter through a suitable attenuator.

Step 2. Select any transmit channel.

Step 3. Key the radio and adjust L151 (all models except those with 2 ppm stability) or R163 (2 ppm models) until the transmit frequency (+100Hz) is displayed. De-key the radio.

Step 4. Check all channels for correct frequency programming. De-key when changing channels.

### 4.6.2.4 Deviation Adjustment

Step 1. Connect the transmitter antenna connector to a modulation analyzer or test receiver through a suitable attenuator.

Step 2. Connect an audio oscillator to the microphone audio input via a 47 uF coupling capacitor (+ toward radio). Connect a 560 ohm resistor from the microphone audio input to ground. Set the oscillator frequency to lkHz and the output level to 800mV rms.

Step 3. Preset potentiometers R302 (VCO mod) and R305 (reference mod) fully CCW.

### NOTE

For 66-88MHz 25kHz channel spacing models only, preset R305 (REF MOD) fully CW.

Step 4. Set the channel selector to channel 1. For PL models select the lowest channel number which transmits PL.

Step 5. Key the radio and turn VCO MOD potentiometer R302 for the following deviation level:

10th Character of Model No.	Channel Spacing	Deviation Setting
1	25kHz	+4.6kHz
3	20kHz	+3.7kHz
2	12.5kHz	<u>+</u> 2.3kHz

### NOTE

If plus and minus deviation readings differ, observe only the higher reading.

Step 7. For 66-88MHz 25kHz channel spacing models, the procedure is complete. For others, continue with step 8.

Step 8. Change the oscillator frequency to 200Hz. Maintain the output level at 800 mV rms.

Step 9. Key the radio and observe the waveform on an oscilloscope, dc coupled to the demodulated output of a test receiver which should be non-deemphasized. Adjust potentiometer R305 (REF MOD) for the flattest square wave response with minimum tilt.

Step 10. Return the audio oscillator to lkHz, 800mV rms, and repeat step 6.

4.6.3 Receiver Adjustments

4.6.3.1 VCO Adjustment (all models)

NOTE

Adjust the transmitter VCO and reference oscillator before aligning the receiver.

Step 1. Select the channel having the highest receive frequency.

Step 2. Connect a dc voltmeter from the steering line test point SL to ground. The meter impedance should be 11 megohms or greater.

Step 3. Adjust the RX VCO (L201 in radios between 66 and 225MHz, or C201 in 403-470MHz radios) for a reading of 7.0V dc (6.0V dc for 403-470MHz radios) on the voltmeter.

Step 4. Switch to the channel having the lowest receive frequency and verify that the dc voltage is at least 2.5V dc (3.0V for 403-470MHz).

4.6.3.2 RF and I-F Alignment

Step 1. Determine the tune-up frequency F(tune) as follows:

A. On single-channel radios, or on multichannel radios with a single receive frequency:

F(tune) = F(receive)

B. On multi-channel radios where the total receive bandwidth is less than or equals 2MHz:

F(tune) = lowest frequency channel (66-88MHz radios only)

F(tune) = highest frequency channel (all other radios)

C. On multi-channel radios where the total receive bandwidth is greater than 2MHz but less than or equal to 4MHz (66-88MHz, 136-174MHz and 403-470MHz) or 5MHz (174-225MHz radios), find F(mid), where:

F(mid) = [F(highest) + F(lowest)]/2(66-88 / 136-174 / 403-470MHz radios)

# F(mid)= [F(highest) + F(lowest)]/2 + 0.7MHz (174-225MHz)

If a customer channel frequency falls within 500kHz of F(mid) (66-88/136-174/403-470MHz) or 100kHz of F(mid) (174-225MHz radios) perform tune-up on that channel. If not, a tune-up PROM, programmed to F(mid) is required.

Step 2. Set the channel selector switch to the channel of the tune-up frequency as determined in step 1 above. If a tune-up PROM is used, the tune-up frequency is programmed as channel 1. Step 3. Connect a 4 ohms load resistor across P2 on the TRC board. Receiver audio output is monitored across this resistor.

Step 4. Preset the slugs or screws of the front end coils or helicals as follows:

# Band (MHz) Coils or Helicals Preset Powition

66-88 L1 - L7 incl. Flush with PC board. 136-174 L1 - L7 incl. Flush with PC board.

For 174-225 MHz models, preset coils L1 through L5 and L8, L9 and L10 as follows:

RF Board Kit No.	Range of Rx Frequencies (MHz)	Preset Position
GLD6171A GLD6171A	174 - 188 188 - 201	Flush with PC board. Flush top of can.
07 0 (170)	100 010	<b>m1</b> 1 1 1 m0 1 1

 GLD6172A
 199 - 212
 Flush with PC board.

 GLD6172A
 212 - 225
 Flush top of can.

For 403 - 470 MHz radios, preset the screws of helical filters FL1, FL2 and FL3 according to the following chart:

RF Board Kit No.	Range of Rx Frequencies (MHz)	Preset Position
GLE6141A GLE6141A		2 mm below top of can. 2 mm above top of can.
GLE6142A GLE6142A		2 mm below top of can. 2 mm above top of can.
GLE6144A	418 - 433	2 mm above top of can.
GLE6145A	438 - 455	2 mm below top of can.
GLE6147A GLE6147A		2 mm below top of can. 2 mm above top of can.
GLE6148A GLE6148A		2 mm below top of can. 2 mm above top of can.
GLE6150A	438 - 455	2 mm below top of can.
GLE6151A	418 - 433	2 mm above top of can.
GLE6153A	403 - 418	2 mm below top of can.
GLE6153A	418 - 433	2 mm above top of can.
GLE6156A	438 - 455	2 mm below top of can.
GLE6157A	418 - 433	2 mm above top of can.
Step 5. For	radios between	en 66 and 225 MHz only:

Connect a dc voltmeter from the local oscillator test point LO to ground. Peak the injection filter coils L6, L5, L7 (for 66 - 88 and 135 - 174 MHz) or L9, L10, L8 (for 174 -225 MHz), in the order listed, for a maximum dc voltage, typically between 2.5 and 3.5 V dc. Repeat until no further increase is obtained.

Step 6. For radios between 403 and 470MHz only:

Connect a dc voltmeter from the local oscillator test point LO to ground. Starting with the center screw, peak the three cells of injection filter helical F13 for a maximum dc voltage, typically between 2.5 and 3.5 V dc. Repeat until no further increase is obtained. Step 7. PL disable the receiver (in PL models only) by actuating the PL DISABLE switch on the TRC board. Connect an rf signal generator to the receiver antenna connector. Set the generator frequency to the tune-up frequency F(tune) as determined previously in step 1. The generator should be unmodulated. Adjust the generator rf output level to produce a signal strong enough to quit the radio.

Step 8. Connect an ac voltmeter having at least a 500 kHz bandwidth (HP331A Distortion Analyzer is suitable) from the i-f test point to ground. Increase the rf generator level until an indication of approximately 30 mV rms is obtained on the voltmeter. Adjust the following coils, in the order listed, for a maximum indication on the voltmeter, while reducing the generator rf level as required to keep the voltmeter indication approximately 30 mV rms. Repeat until no further increase is obtained.

 
 Range (MHz)
 Coils

 66 - 88
 L1, L2, L3, L4.

 136 - 174
 L1, L2, L3, L4.

 174 - 225
 L1, L2, L3, L4, L5.

 403 - 470
 FL1, FL2, L51.

Step 9. After completing the alignment of FL1, FL2, and FL3 (403 - 470 MHz models only) the adjusting screws should be secured with paint to prevent detuning.

Step 10. Set the rf generator output level to 1 mV. Modulate with a 1 kHz tone at 60% of full system deviation.

#### NOTE

Full system deviation (FSD) is:

 $\pm$  5 kHz for 25 kHz channel spacing,  $\pm$  4 kHz for 20 kHz channel spacing, and

+ 2.5 kHz for 12.5 kHz channel spacing.

Adjust the volume control for approximately 1 V rms audio level across the 4-ohms load. Slowly peak the quad coil L54 (L52 in 174 - 225 MHz models) for maximum audio level.

4.6.3.3 Squelch Adjustment

Step 1. Preset the squelch potentiometer R59 fully CCW.

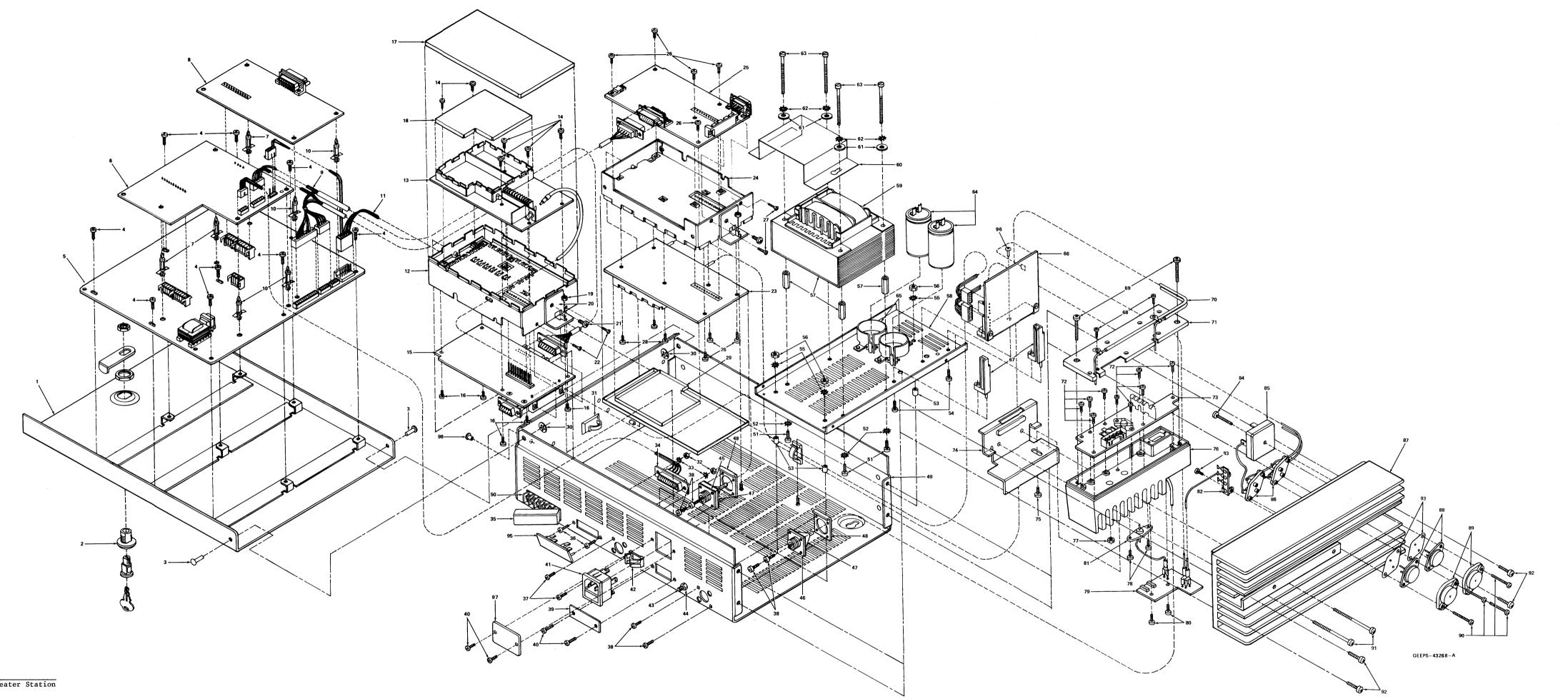
Step 2. Apply an on-channel rf signal at a level of 1 mV rms. Modulate with a 1 kHz tone at 60% FSD.

Step 3. Reduce the rf level until a 10 dB CCITT weighted SINAD (8 dB CCITT weighted SINAD for 174 - 225 MHz radios only) is obtained at the LINE 1 output (terminated with 600 ohms).

Limits:	66 -	88 MHz	9 -	11 dB SINAD.
	136 -	174 MHz	9 -	11 dB SINAD.
	174 -	225 MHz	7 -	9 dB SINAD.
	403 -	470 MHz	9 -	11 dB SINAD.

### 4.7 DISASSEMBLY AND SERVICE ACCESS

The exploded view drawing (Figure 4-6) illustrates how the radio is disassembled and identifies all mechanical parts.



MC compact Base and Repeater Station Figure 4-6 Exploded View

Ref.	Motorola		Ref.	Motorola	
Symbol	Part No.	Description	Symbol	Part No.	Description
1	1582121R01	Door	50	3184145N02	Terminal blash
2		Lock assembly w/ cam and nuts	51	0320165 107	Terminal, block
3	0503465A01	Pivot, pin	52	0/8/718002	Screw, machine: M4x10; 4 used
4	0380269808	Screw tpng M3x8 (BLK); 9 used	53	0404710002	Washer, ext lock (M4); 4 used
5		TRC, control board	54	0404717024	Washer, spacer; 3 used
- 6		ETRC, board	55	0/8/71900/	Screw, tpng: M3x8; 2 used
7	4303463A01	Stand off; 3 used	56	0284784805	Washer, starlock (M3); 3 used Nut, M3; 3 used
8		RAT decoder, board	57	038/ 803002	Nul, MJ; J Used
9	3003469A04	Cable, assembly	58	2782118001	Screw, distance; 4 used Chassis, power supply
10		Standoff, PC flex; 4 used	59		Transformer
11		Cable, TRC power (DC output)	60		Insulator, A/C
12	2780174H01	Chassis, MC micro	61		Washer, flat: M4; 4 used
13		Receiver, RF board	62	0484718002	Washer, external lock; 4 used
14	0302607B02	Screw, tpng: M3x6; 6 used	63	0381065100	Screw, machine: M4x50; 4 used
15		Receiver, command board	64		Capacitor; 2 used
16		Screw, tpng: M3x6; 5 used	65		Bracket, capacitor; 2 used
17	1580129J01	Cover, chassis; 2 used	66		
18		Cover, RF shield	67		Regulator, board Card guide; 2 used
19	0284784B05		68	0302607802	Screw, tpng: M3x6; 2 used
20	0782406R01	Bracket, MC micro; 2 used	69	0380269409	Screw, tpng: M5x20; 2 used
21		Screw, machine: M5x8; 2 used	70		Cable, coaxial; 2 used
22		Screw, tpng: M2.5x8; 2 used	71	1503424A01	
23		Transmitter, RF board	72		Screw, tpng: M3x8; 9 used
24	2780174H01	Chassis, MC micro	73		PA board
25		Transmitter, command board	74	4282405R01	
26	0302607B02	Screw, tpng: M3x6; 5 used	75		Screw, machine; M4x10
27	0380269H02	Screw, tpng: M2.5x8; 2 used	76		Heat Sink, PA
28	0302607B02	Screw, tpng: M3x6; 6 used	77	0200007003	
29		Cover, RF shield	78		Screw, tpng: M3x6; 2 used
30		Nut, push-on; 2 used	79		Current limit board
31		Clamp, cable; 2 used	80		Screw, tpng: M3x8; 2 used
32		Nut, M3; 2 used	81	0980038K02	Connector, power
33		Washer, starlock M3; 2 used	82	3100122068	Terminal, strip
34	2884506E08	Connector	83	0380269H08	Screw, tpng: M3x8
35	1503441A01	Cover, telephone line	84		Screw, tpng: M4x20
36	0380269H08	Screw tpng M3x8 (BLK); 2 used	85		Bridge, rectifier
37	0380269H06	Screw, tpng: M3x16; 2 used	86	0902088M01	Socket, transistor; 2 used
38			87	2682152R01	Heat Sink, main
39	1503426A01			4802081B29	Transistor, power; 2 used
40	0380269H08	Screw, tpng: M3x8; 4 used	89	1402309M01	Cover, transistor; 2 used
41	2802138M04			0384723C16	Screw, machine: M3x25; 4 used
42	4203459A01		91		Screw, machine: M4x60; 2 used
			92		Screw, tpng: M4x20; 4 used
44	0284719C01				Insulator, transistor; 2 used
	1503473A01	Housing, RX LPF	94	Not Used	,,
46	0982442E01	Connector, UHF	95	3883665N01	Сар
47	1500483599	Hood, connector; 2 used			Screw, machine: M3x4
48	0703432A01	Bracket UHF connector; 2 used			Cover, AC connector
49	1582120R01	Housing, radio			Plug, button; 9 used

(The next page is 5-1)

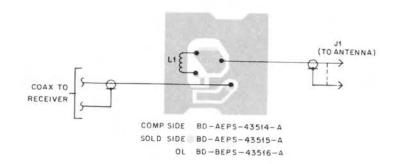
# SECTION 5

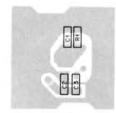
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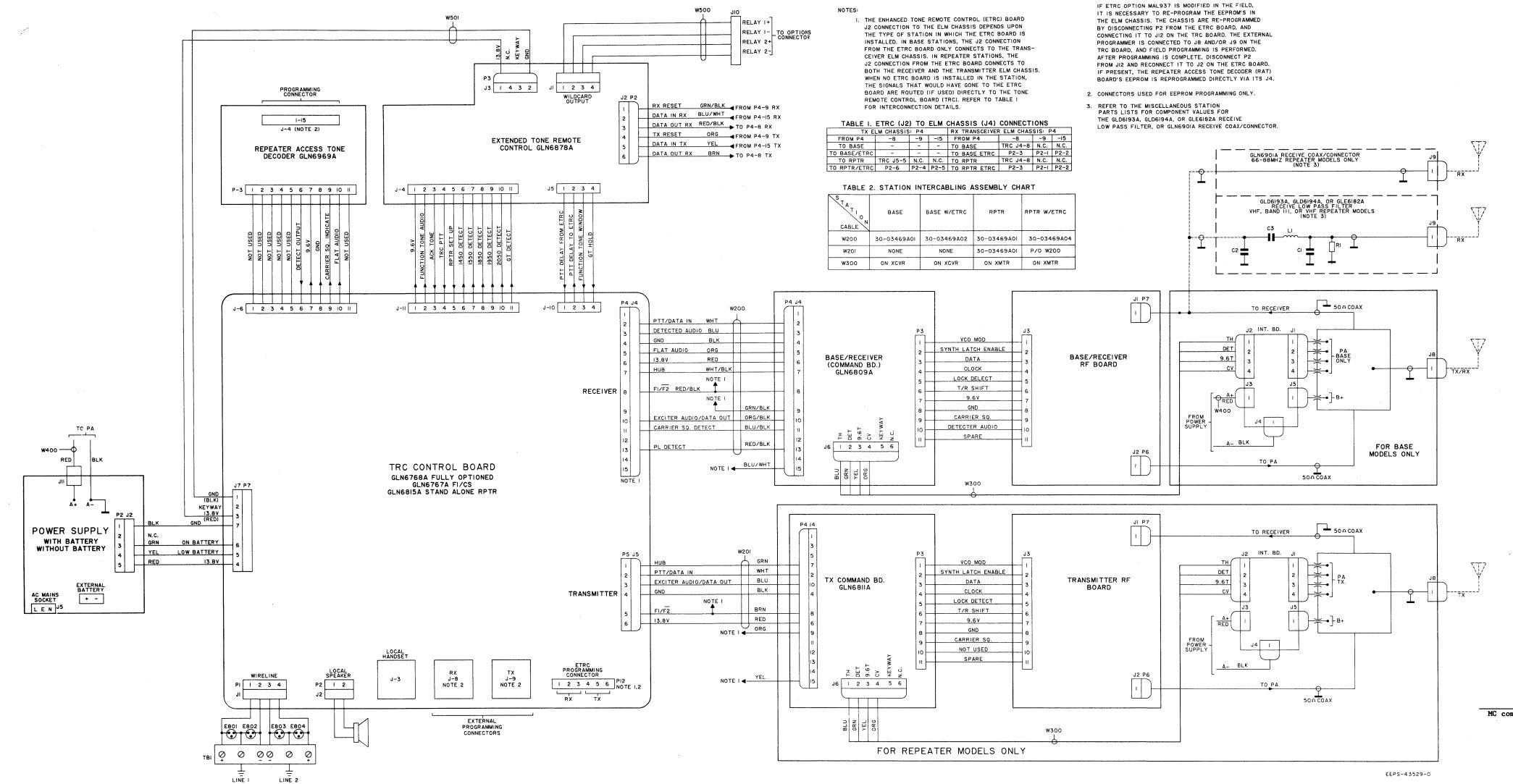


COMP SIDE BD-AEPS-43514-A(REV) SOLD SIDE BD-AEPS-43515-A(REV) OL-BEPS-43517-0 .

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MC compact Base/Repeater Station GLD6193A, GLD6194A & GLE6182A RF Input Filter Circuit Board Details

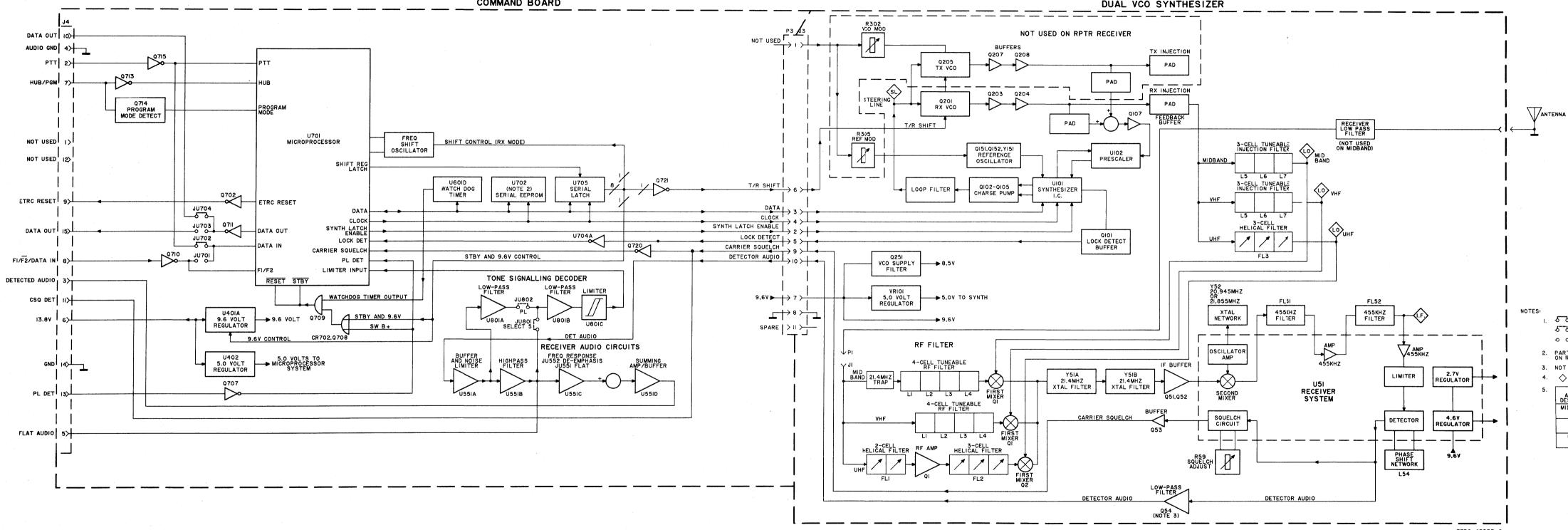
2



TX E	LM CHASSIS	i: P4		RX TRANSCEIVER	R ELM CHAS	SIS: P	4
FROM P4	-8	-9	-15	FROM P4	-8	-9	-15
TO BASE	-	-	-	TO BASE	TRC J4-8	N.C.	N.C.
TO BASE/ETRC	-	-	-	TO BASE ETRC	P2-3	P2-1	P2-2
TO RPTR	TRC J5-5	N.C.	N.C.	TO RPTR	TRC J4-8	N.C.	N.C.
TO RPTR/ETRC	P2-6	P2-4	P2-5	TO RPTR ETRC	P2-3	P2-1	P2-2

STA TION	BASE	BASE W/ETRC	RPTR	RPTR W/ETRC
CABLE				
W200	30-03469A0I	30-03469A02	30-03469A01	30-03469A04
W201	NONE	NONE	30-03469A0I	P/0 W200
W300	ON XCVR	ON XCVR	ON XMTR	ON XMTR

MC compact Base/Repeater Station Overall Block Diagram



MC compact Base/Repeater Station Repeater Receive Block Diagram



DUAL VCO SYNTHESIZER

RF BOARD

EEPS-43533-0

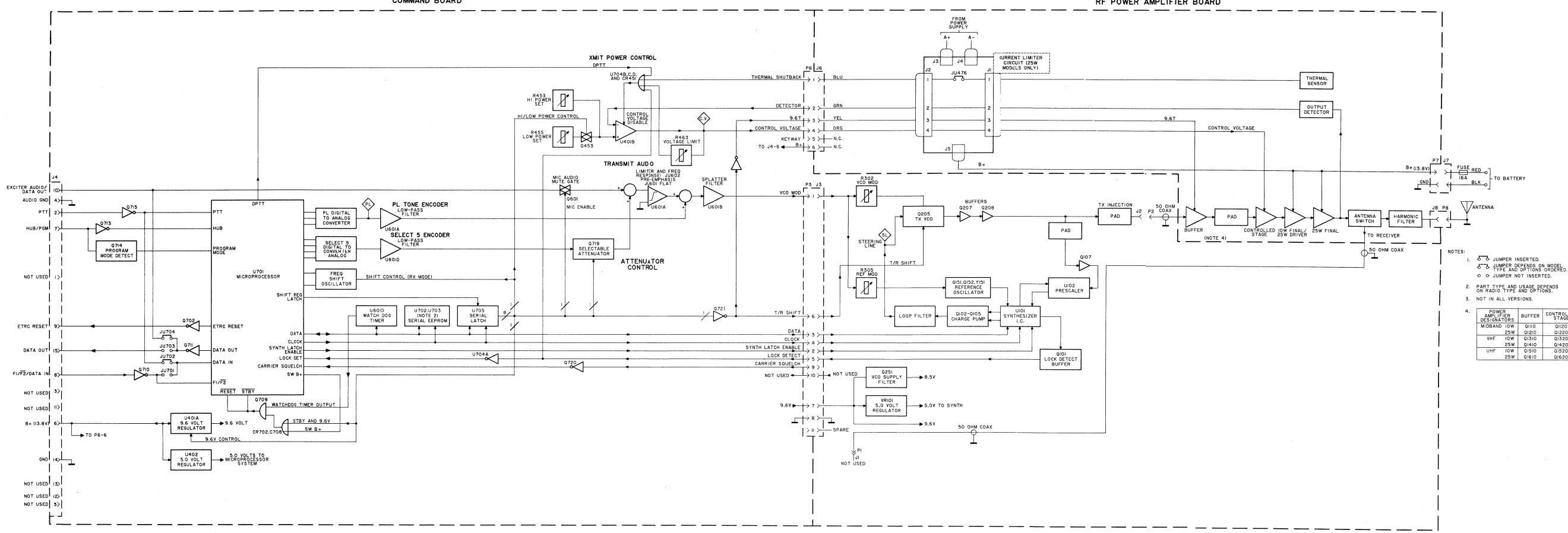
s: I. るう JUMPER INSERTED. JUMPER DEPENDS ON MODEL TYPE AND OPTIONS ORDERED. の O JUMPER NOT INSERTED.

2. PART TYPE AND USAGE DEPENDS ON RADIO TYPE AND OPTIONS.

3. NOT IN ALL VERSIONS.

4. 🚫 TEST POINT

	POWE AMPLIF DESIGNAT	ER	BUFFER	CONTROLLED STAGE	IOWATT FINAL/ 25WATT DRIVER	25WATT FINAL
Γ	MIDBAND	10W	Q1110	Q1120	QII30	NOT USED
		25W	Q1210	01220	Q1230	Q1240
ſ	VHF	IOW	QI310	QI320	Q1330	NOT USED
		25W	Q1410	01420	QI430	QI440
Ī	UHF	10W	Q1510	Q1520	Q1530	NOT USED
		25W	Q1610	01620	Q1630	Q1640



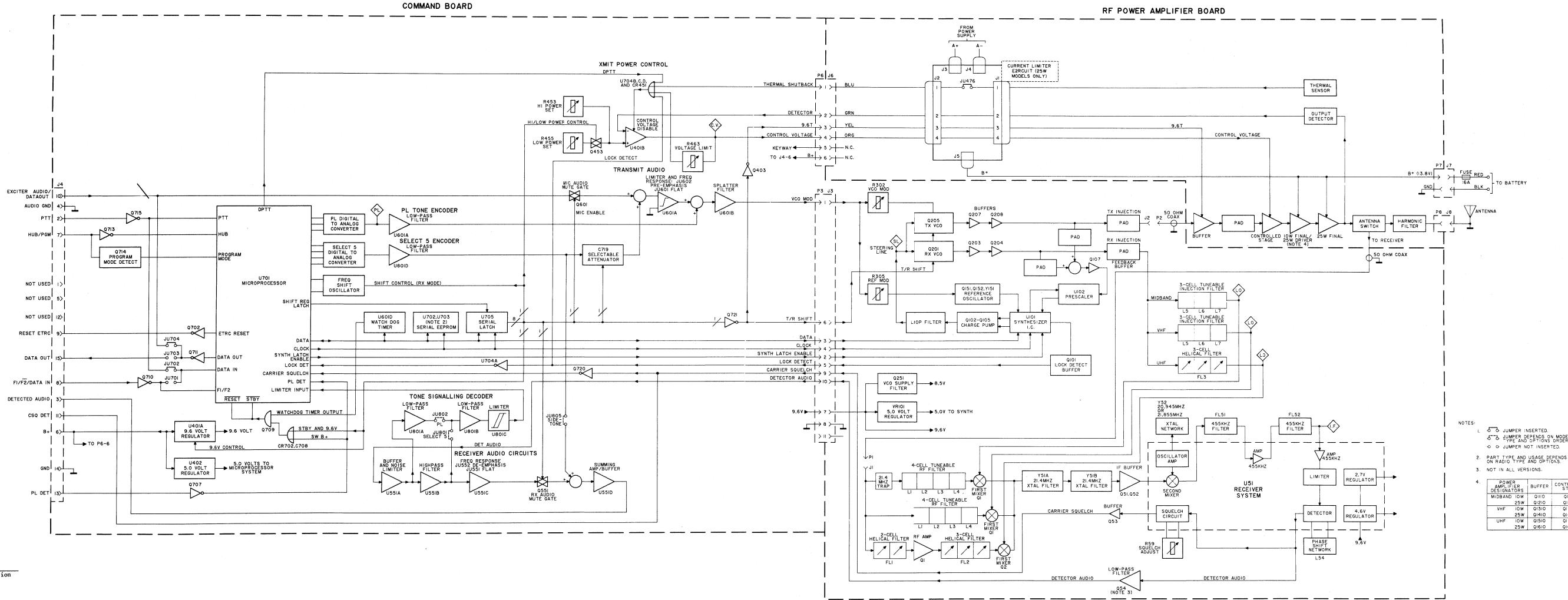
COMMAND BOARD

RF POWER AMPLIFIER BOARD

RF BOARD

EEPS-43532-0

POWE AMPLIF DESIGNA	IER	BUFFER	CONTROLLED STAGE	IOWATT FINAL/ 25WATT DRIVER	25WATT FINAL
MIDBAND	IOW	QIIIO	Q1120	QII30	NOT USED
	25W	Q1210	Q1220	Q1230	Q1240
VHF	IOW	Q1310	Q1320	Q1330	NOT USED
	25W	Q1410	Q1420	Q1430	Q!440
UHF	10W	Q1510	Q1520	Q1530	NOT USED
	25W	Q1610	Q1620	Q1630	Q1640



MC compact Base/Repeater Station Transceiver Block Diagram

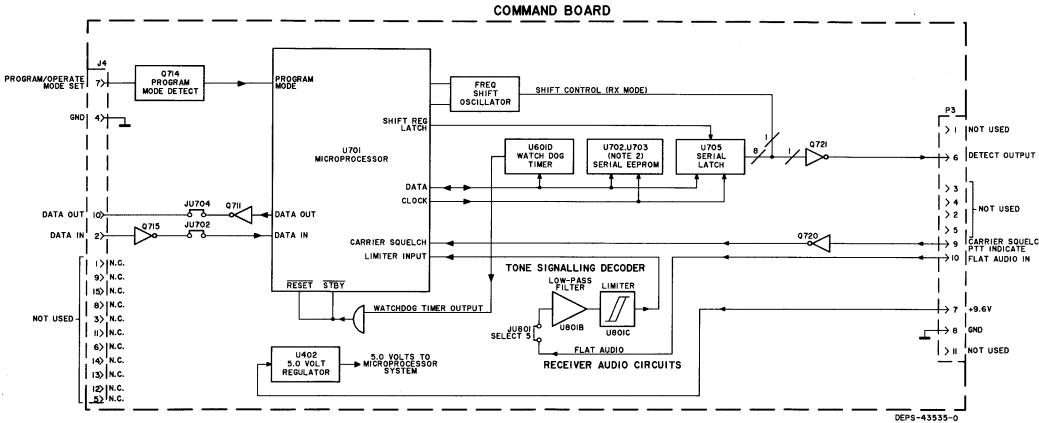
RF BOARD

5-3 JUMPER DEPENDS ON MODEL TYPE AND OPTIONS ORDERED.

O O JUMPER NOT INSERTED.

POWER AMPLIFIER DESIGNATORS		BUFFER	CONTROLLED STAGE	IOWATT FINAL/ 25WATT DRIVER	25WATT FINAL
MIDBAND	IOW	QIIIO	Q1120	01130	NOT USED
	25W	Q1210	01220	Q1230	Q1240
VHF	IOW	Q1310	01320	QI330	NOT USED
	25W	Q1410	Q1420	Q1430	Q 440
UHF	IOW	Q1510	Q1520	Q1530	NOT USED
	25W	Q1610	Q1620	Q1630	QI640

EEPS-43534-0



NOTES

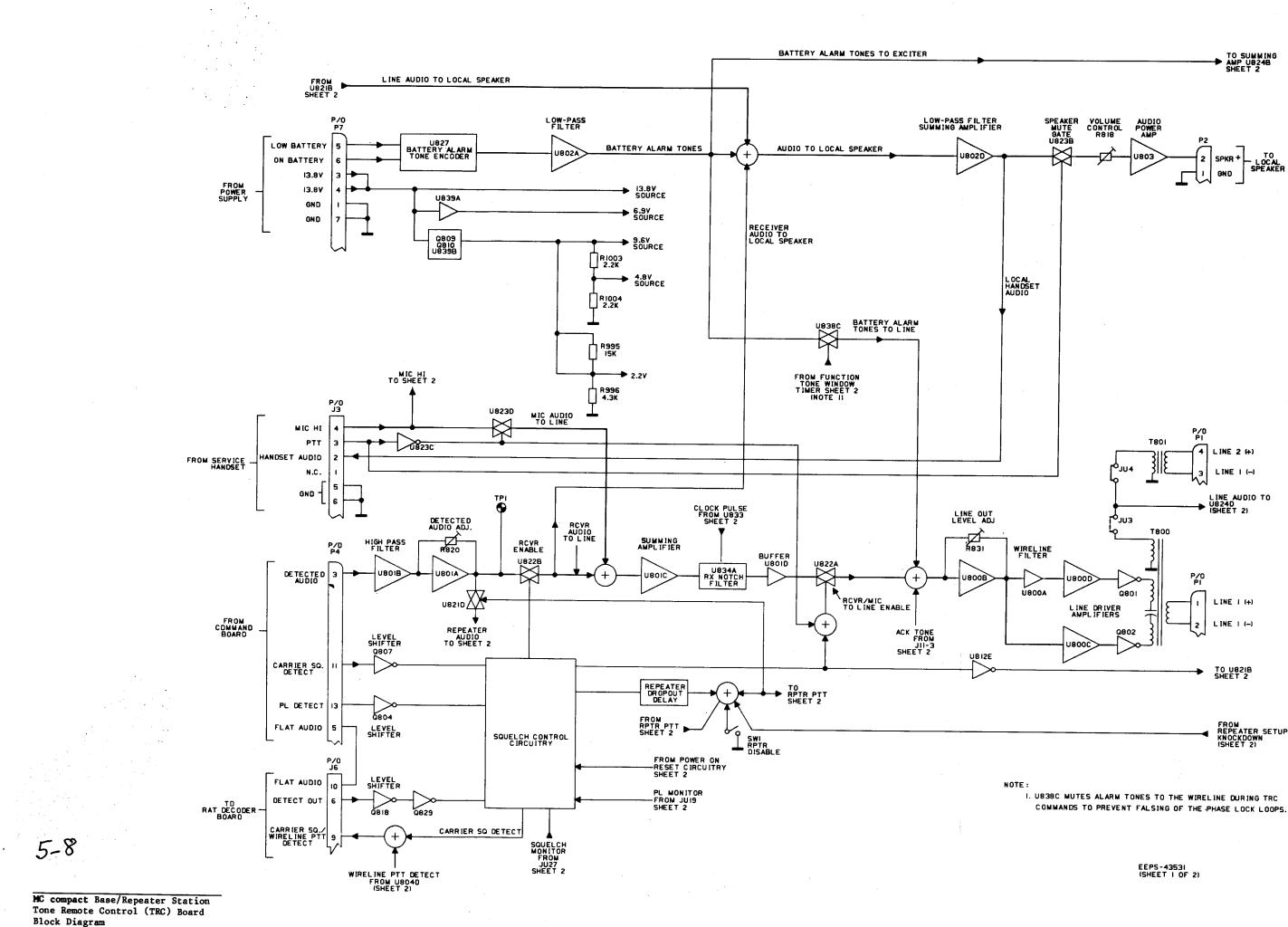
2. PART TYPE AND USAGE DEPENDS ON RADIO TYPE AND OPTIONS.

3. NOT IN ALL VERSIONS.

NOT USED

 $\rightarrow$  9 CARRIER SQUELCH/WIRE LINE PTT INDICATE  $\rightarrow$  10 |FLAT AUDIO IN

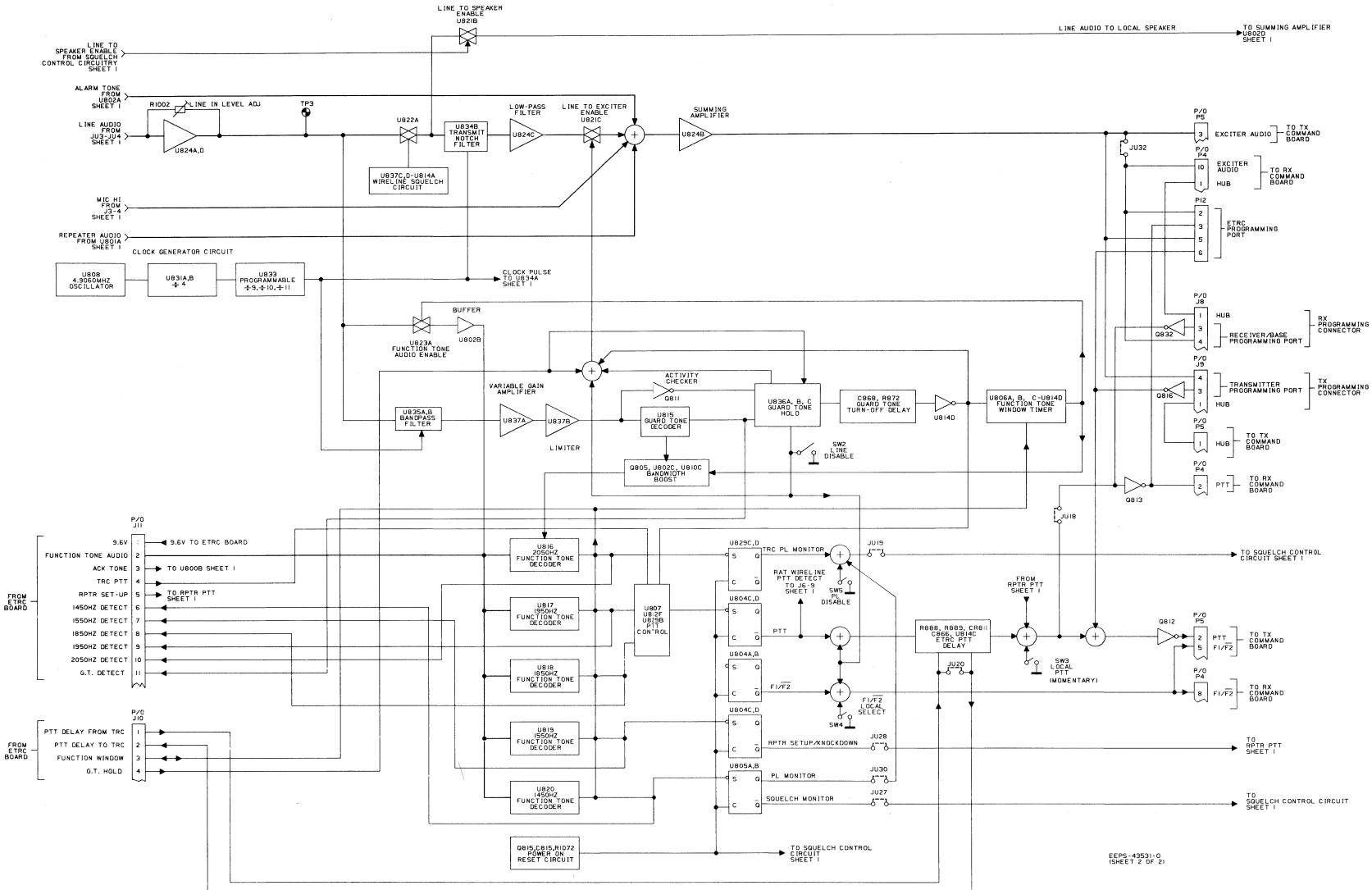
MC compact Base/Repeater Station Repeater Access Tone (RAT) Decoder Block Schematic Diagram



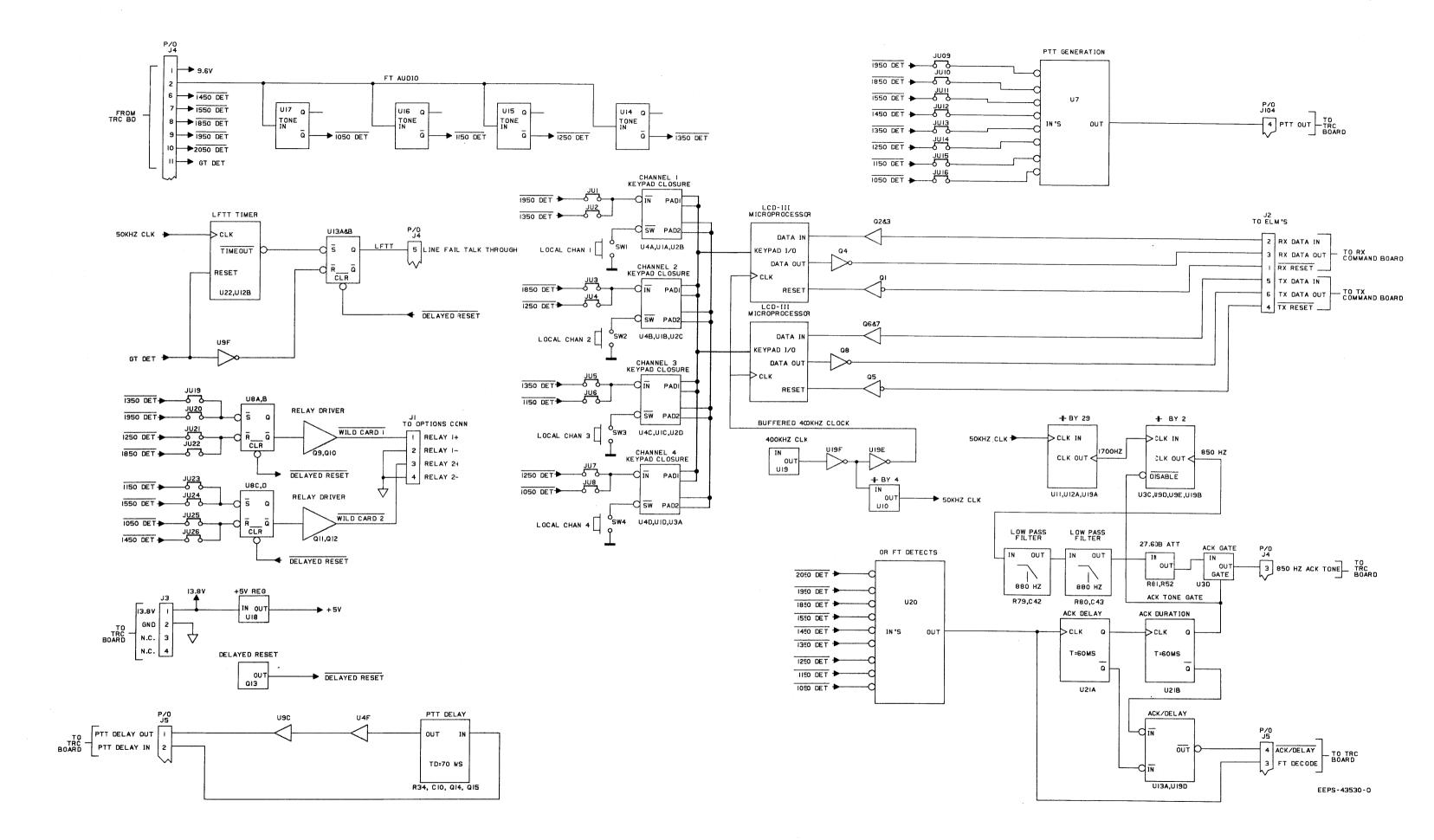
(Sheet 1 of 2)

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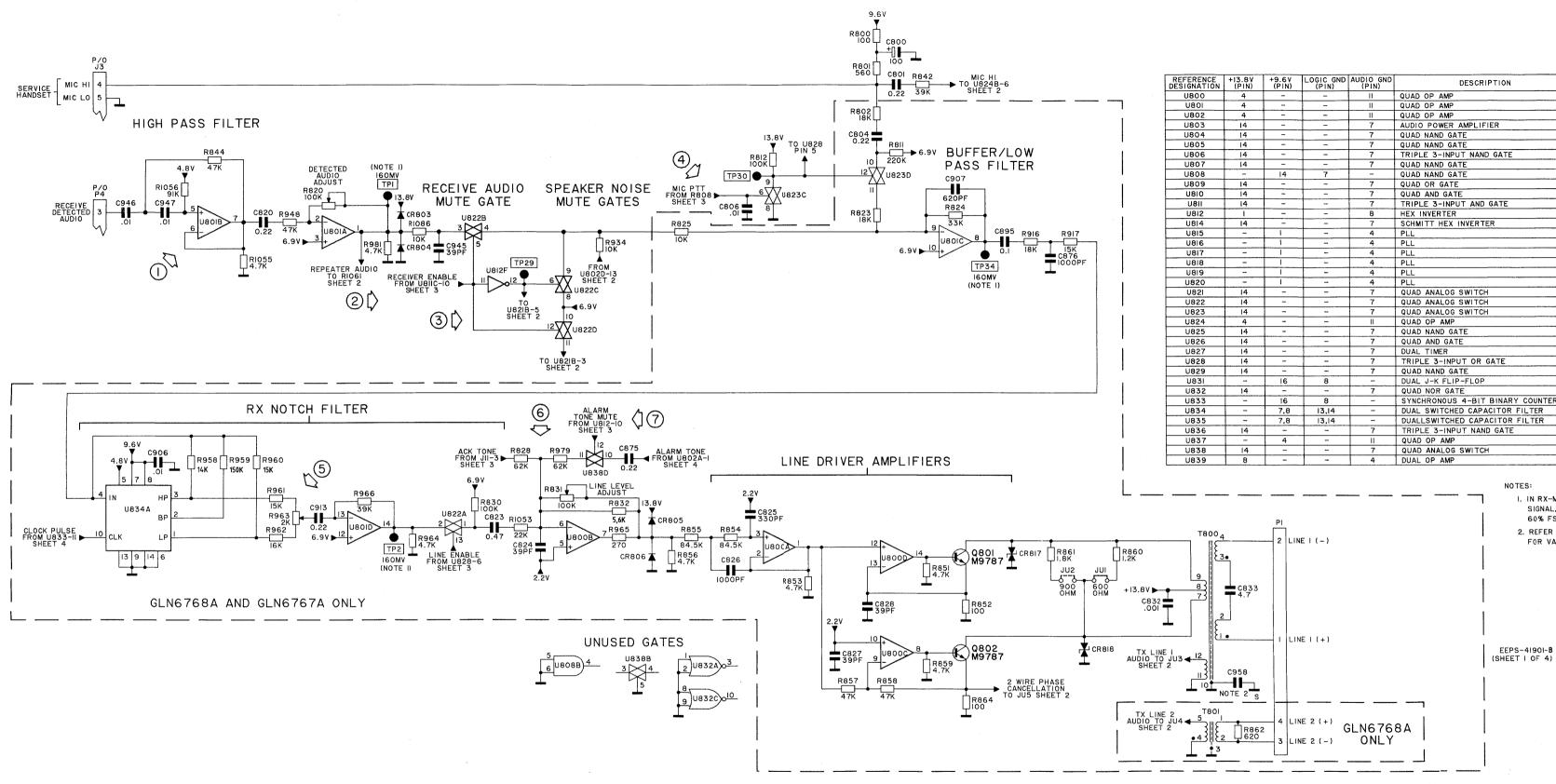
FROM REPEATER SETUP KNOCKDOWN (SHEET 2)



MC compact Base/Repeater Station Tone Remote Control (TRC) Board Block Diagram (Sheet 2 of 2)



MC compact Base/Repeater Station Enhanced Tone Remote Control (ETRC) Board Block Diagram



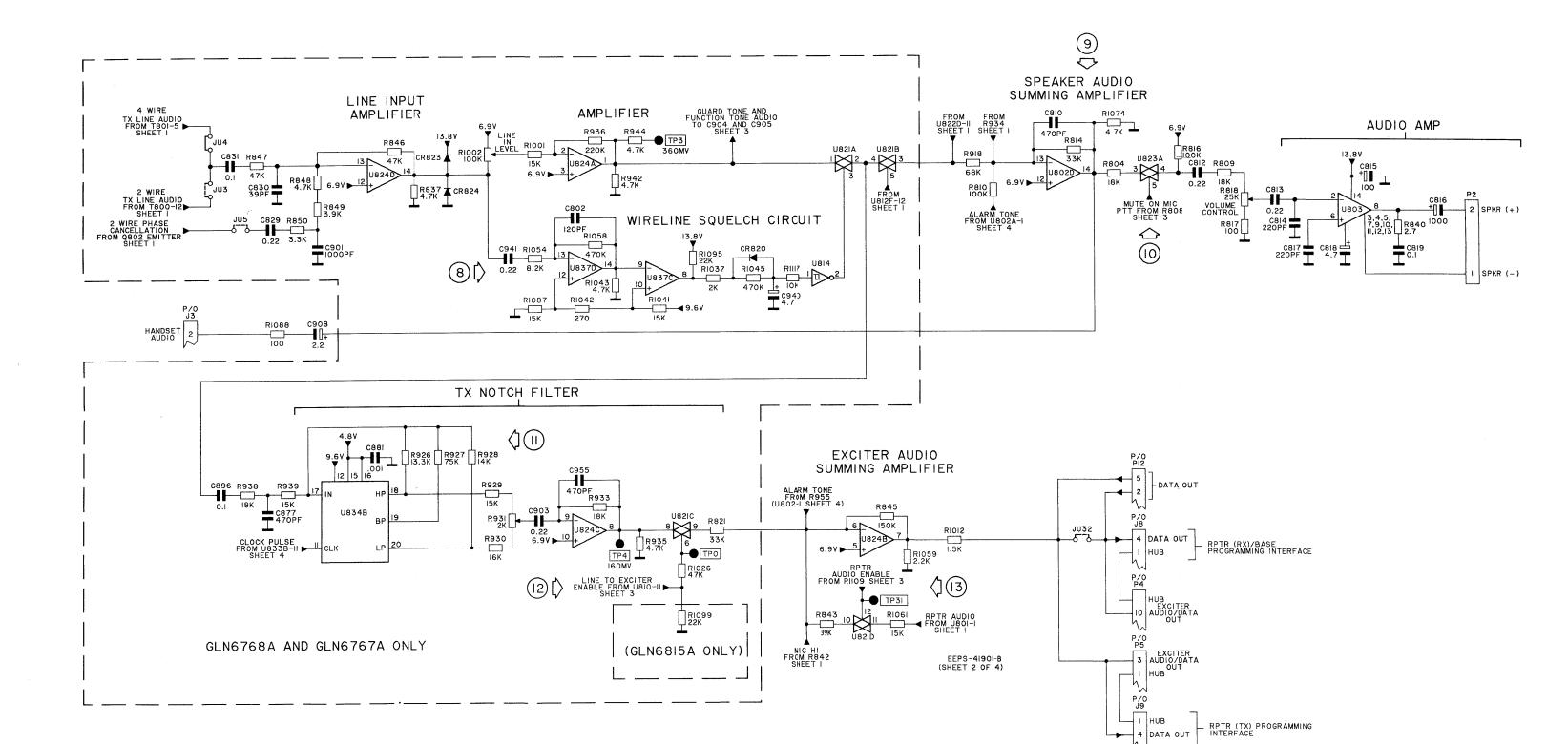
REFERENCE	+13.8V (PIN)	+9.6V (PIN)	LOGIC GND (PIN)	AUDIO GND (PIN)	DESCRIPTION
U800	4	-	-	ll I	QUAD OP AMP
U80I	4	-	-	11	QUAD OP AMP
U802	4	-	-	11	QUAD OP AMP
U803	14		-	7	AUDIO POWER AMPLIFIER
U804	14	-	-	7	QUAD NAND GATE
U805	14	-	-	7	QUAD NAND GATE
U806	14	-	-	7	TRIPLE 3-INPUT NAND GATE
U807	14	-	-	7	QUAD NAND GATE
U808	-	14	7	-	QUAD NAND GATE
U809	14	-	-	7	QUAD OR GATE
U8I0	14	-	-	7	QUAD AND GATE
U811	14	-		7	TRIPLE 3-INPUT AND GATE
U812	I	-	-	8	HEX INVERTER
U814	14	-	-	7	SCHMITT HEX INVERTER
U815	~	1	-	4	PLL
U816	-	1	-	4	PLL
U817		1		4	PLL
U818	-	1		4	PLL
U819		1	-	4	PLL
U820	~	1	-	4	PLL
U82I	14	-		7	QUAD ANALOG SWITCH
U822	14	- 1	-	7	QUAD ANALOG SWITCH
U823	4	-	-	7	QUAD ANALOG SWITCH
U824	4	-	-	11	QUAD OP AMP
U825	14	-	-	7	QUAD NAND GATE
U826	14	- 1	-	7	QUAD AND GATE
U827	14	-	-	7	DUAL TIMER
U828	4	-	-	7	TRIPLE 3-INPUT OR GATE
U829	4	-	-	7	QUAD NAND GATE
U83I		16	8		DUAL J-K FLIP-FLOP
U832	14		-	7	QUAD NOR GATE
U833	-	16	8		SYNCHRONOUS 4-BIT BINARY COUNTE
U834	-	7.8	13.14	-	DUAL SWITCHED CAPACITOR FILTER
U835	-	7.8	13.14	-	DUALLSWITCHED CAPACITOR FILTER
U836	14	-		7	TRIPLE 3-INPUT NAND GATE
U837		4	-	11	QUAD OP AMP
U838	14	-	-	7	QUAD ANALOG SWITCH
U839	8	-	+ -	4	DUAL OP AMP

### NOTES:

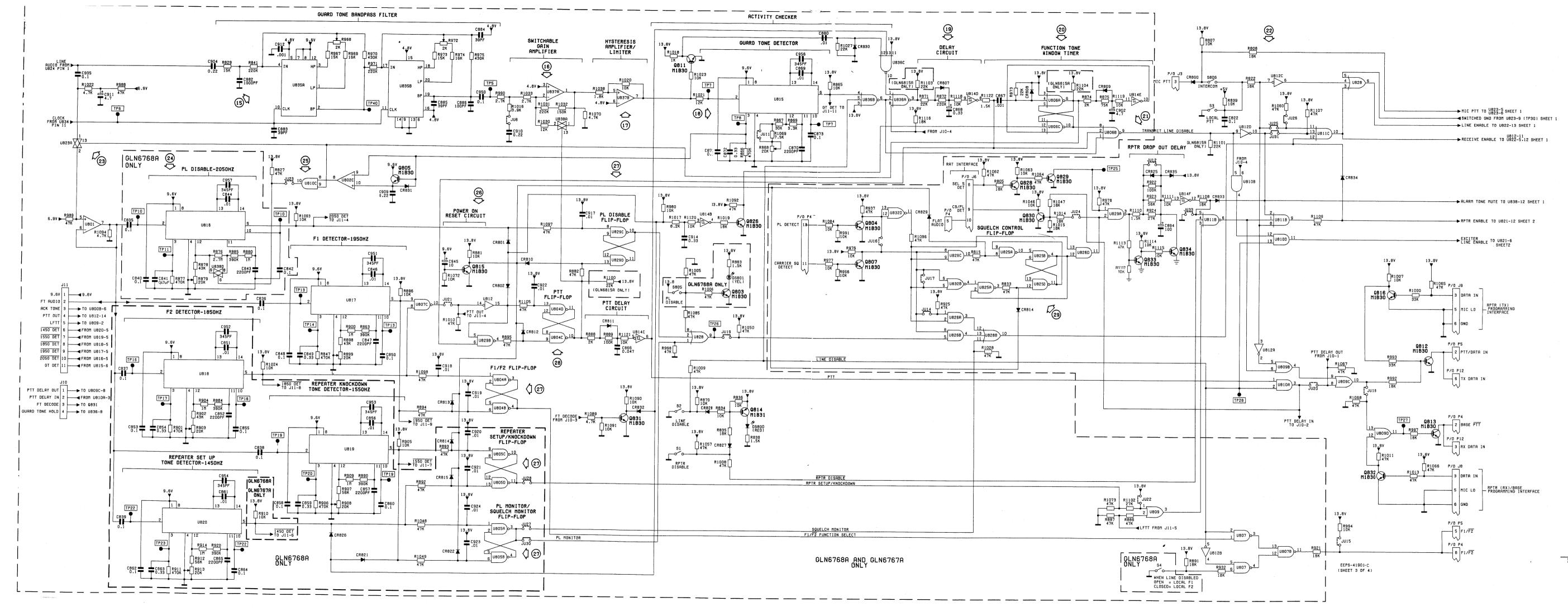
I. IN RX-MODE WITH ON-CHANNEL SIGNAL, IKHZ MODULATION AT 60% FSD. 2. REFER TO PARTS LIST

FOR VALUE.

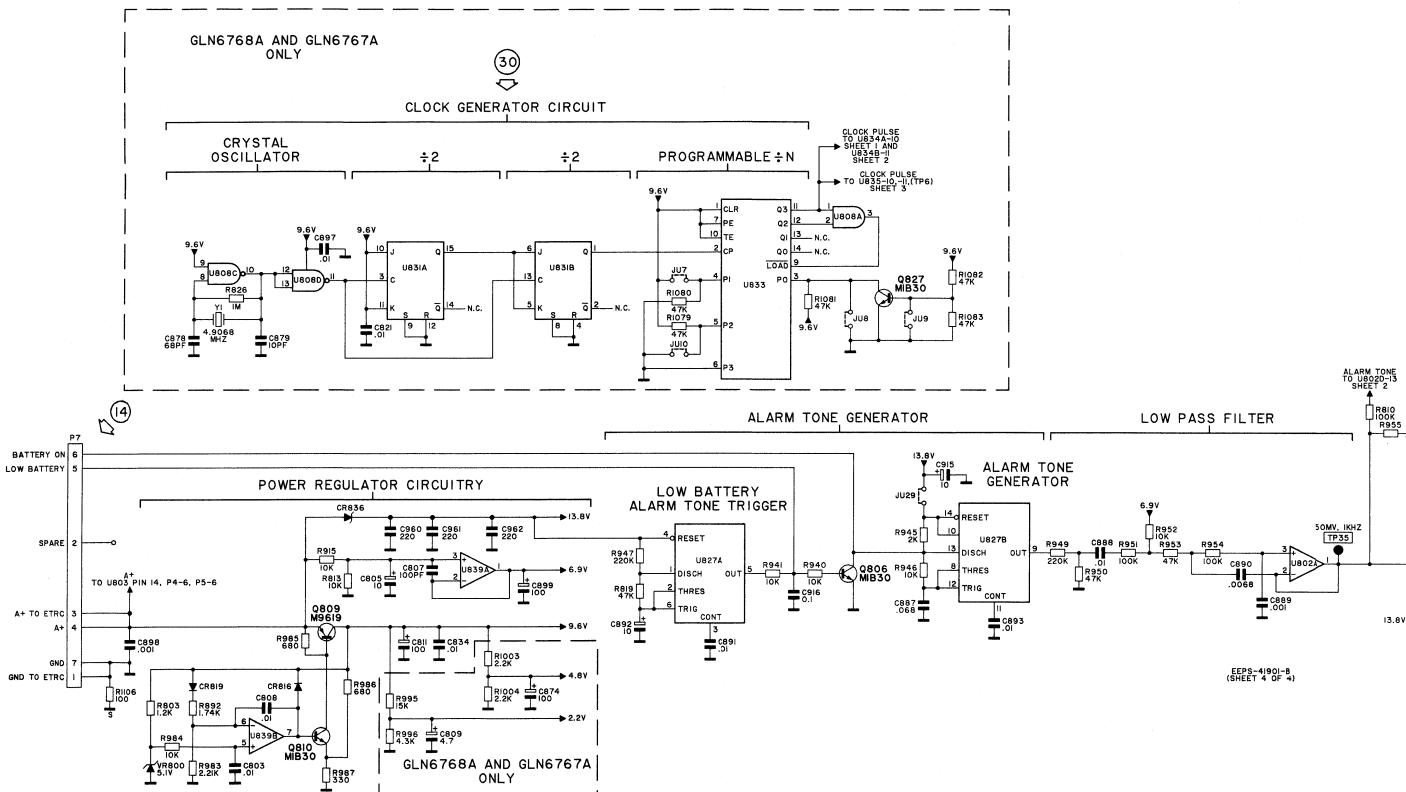
MC compact Base/Repeater Station GLN6767A, GLN6768A & GLN6815A TRC Board Schematic Diagram (Sheet 1 of 4)



MC compact Base/Repeater Station GLN6767A, GLN6768A & GLN6815A TRC Board Schematic Diagram (Sheet 2 of 4)



MC compact Base/Repeater Station GLN6767A, GLN6768A & GLN6815A TRC Board Schematic Diagram Control Logic (Sheet 3 of 4)



MC compact Base/Repeater Station GLN6767A, GLN6768A & GLN6815A TRC Board Schematic Diagram Clock & Alarm Signals/Power Distribution (Sheet 4 of 4)

ALARM TON TO U824-6 (EXCITER)

ALARM TONE TO U838-10 LINE DRIVER

- RX/TRANSCEIVER

P/0

4 GND

I3.8V 6 I3.8V

- 100K

Note 1. High pass input amplifier U801B passes audio frequencies above 300Hz.

Note 2. RECEIVER ENABLE input from U811C-10 goes high upon one of the following conditions, depending upon options and jumper status: PL "AND" carrier squelch detect, PL squelch detect, or squelch monitor input from the control console.

Note 3. Speaker noise mute gates U822C and U822D provide additional attenuation to the RECEIVE DETECTED AUDIO to prevent receiver noise from being heard in the station speaker under squelch conditions.

Note 4. MIC PTT goes low upon activating the service handset microphone PTT. This action enables U822A and disables U823C which, in turn, enables U823D allowing service handset microphone audio to be sent to the line driver circuits and to the exciter.

Note 5. The RX Notch Filter circuit, U834A and U801D, attenuates the guard tone frequency while allowing all others to pass.

Note 6. ACK TONE/ALARM TONE/RECEIVE AUDIO summing point.

Note 7. Mute gate U838D mutes alarm tones when guard tone is present.

Note 8. Wireline Squelch Circuit (U837D, U837C, and U814A) senses voice audio from the wireline to enable U821A to pass wireline audio to the exciter. Wireline levels below -55dBm will be muted.

Note 9. Speaker summing amplifier U802D amplifies receive audio, line audio, and/or alarm tone audio depending upon the condition of gates U822C, U822D, U821A, and U821B.

Note 10. Speaker amplifier mute gate U823 mutes speaker audio during MIC PTT (also local PTT if the intercom switch is in the "ON" position).

Note 11. The TX Notch Filter (U834B and U824C) notches out the guard tone frequency to prevent transmission of guard tone.

Note 12. LINE TO EXCITER ENABLE is normally high. When guard tone is present this audio path is muted.

Note 13. RPTR AUDIO ENABLE is high if P4-11 (CARRIER SQUELCH DETECT) AND P4- 13 (PL DETECT) are unmuted and the following conditions exist: The REPEATER DISABLE switch is not in the DIS-ABLE position, U811-3 is high, and guard tone is not present. This allows U821D to pass DETECTED AUDIO from the receiver to the exciter.

Note 14. P7-6 is normally low; P7-5 is normally floating. During battery operation, both P7-5 and P7-6 will float and an intermittent tone will be generated. If the battery voltage drops below 10.8 volts, P7-5 will go low and the tone will become constant.

Note 15. Guard Tone Bandpass Filter U835A, U835B is a two stage filter with a Q of 45 and a 0.5dB bandwidth of 28Hz at 2175Hz. This filter allows only guard tone frequencies to be passed to the guard tone detect PLL in order to prevent PLL falsing.

Note 16. The gain of U837A is controlled by U838A. When U838A-13 is low, the gain of U837A is increased by +30dB. This allows positive detection of low level guard tone which is 30dB below high level guard tone.

Note 17. Hysteresis Amplifier/Limiter, U837B, acts as an amplifier/hard limiter to input signals above its dead band threshold. Normally the input signal is 8dB above the dead band threshold which allows a 6dB day to day change in telephone line levels between the control console and the station while maintaining proper operation.

Note 18. Guard Tone Detector U815 produces a high at its Q output (U815-6) upon detection of guard tone and stays so until guard tone ceases.

Note 19. The Delay Circuit (CR807 and U814D) compensates for slight interruptions in the output of the guard tone detector, eliminates chatter during logic level transitions, and reduces function tone decoder falsing by switching transients between high level guard tone and function tone. Turn on delay is approx. 5ms and turn off delay is approximately 75ms.

Note 20. The Function Tone Window Timer flipflop (U806A, U806C, and U814F) is set by the low output of U814D. This causes U806-6 to go high, charging the capacitor of delay circuit R875-C902 (350ms delay). When the threshold of U814E is reached, U814-10 goes low, resetting the function tone window.

Note 21. The output of U806B is normally low and goes high if any of its three inputs go low. With the LINE DISABLE switch (S2) off, a low from U836B-4 (guard tone detect), a low from delay circuit U814D-8, or a low from function tone timer flip-flop U806A-U806C, causes the output at U806B-9 (TRANSMIT LINE DISABLE) to go high.

Note 22. If either the LOCAL PTT switch is depressed or if MIC PTT occurs while the INTERCOM switch is in the ON position, the LINE ENABLE output at U828-6 goes high. Similarly, the RECEIVE ENABLE output at U811C-10 goes low and will remain low until the PTT signal ceases.

Note 23. Gate U823 is enabled for 350ms by the Function Tone Window Timer to allow line audio to pass to the function tone decoders.

Note 24. Function Tone Decoders, U816 through U820 produce a low on their output (pin 5) upon detection of their respective function tone. The low output sets a corresponding flip-flop.

Note 25. Bandwidth boost circuit (U810C and U838D) is used only when guard tone is 2100Hz (special applications only). When used, gate U838 widens the 2050Hz decoder bandwidth from +25Hz to +75Hz to assure positive 2050Hz unction tone detect.

Note 26. The Power On Reset circuit produces a low output pulse upon power turn-on. The low output sets all the bistable flip-flops to assure proper operation.

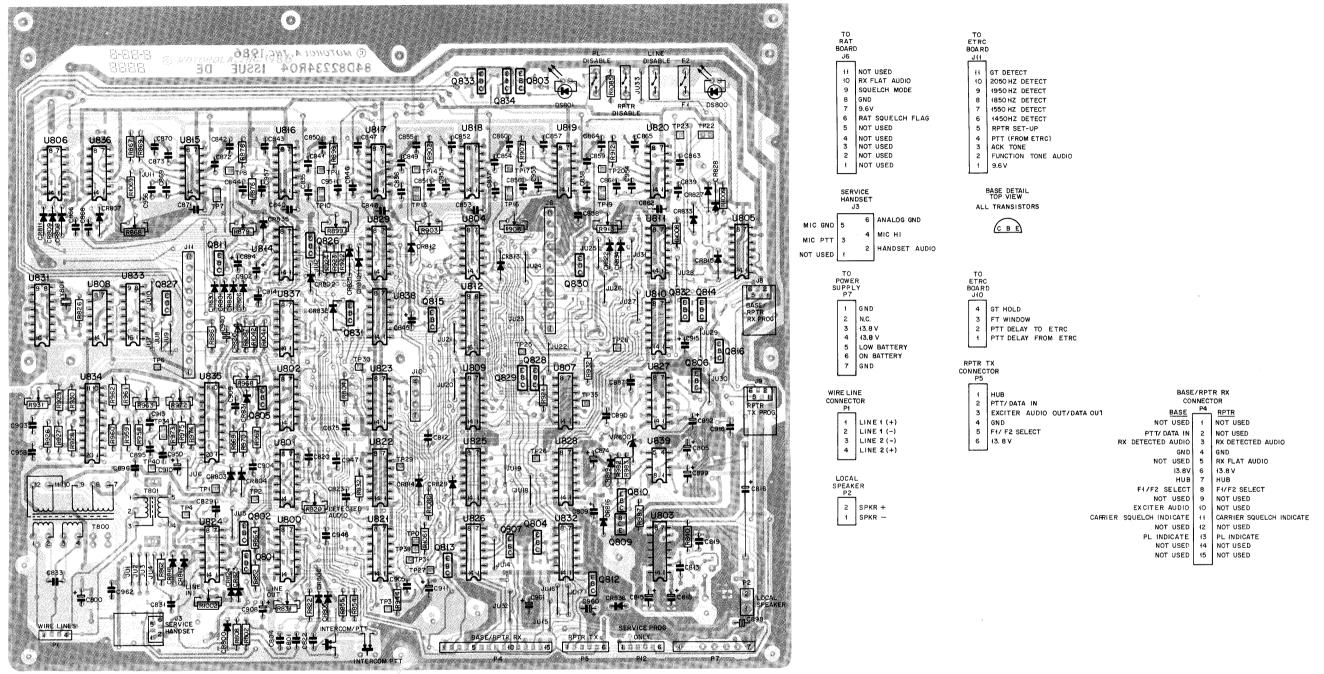
Note 27. The function tone decoder flip-flops are set and reset by a low input. For example, upon power-up, a low from Q815 through CR810 resets PL Disable Flip-Flop U829C-U829D producing a low output at U829C-10. When a 2050Hz function tone is detected, U816-5 goes low, setting U829C-U829D, and forcing U829C-10 high. The flip-flop is reset by the presence of guard tone and either U817-5 or U818-5 going low.

Note 28. PTT Flip-Flop U840D-U840C is set whenever F1 or F2 function tone is detected. It is reset by U829-4 upon the loss guard tone detect.

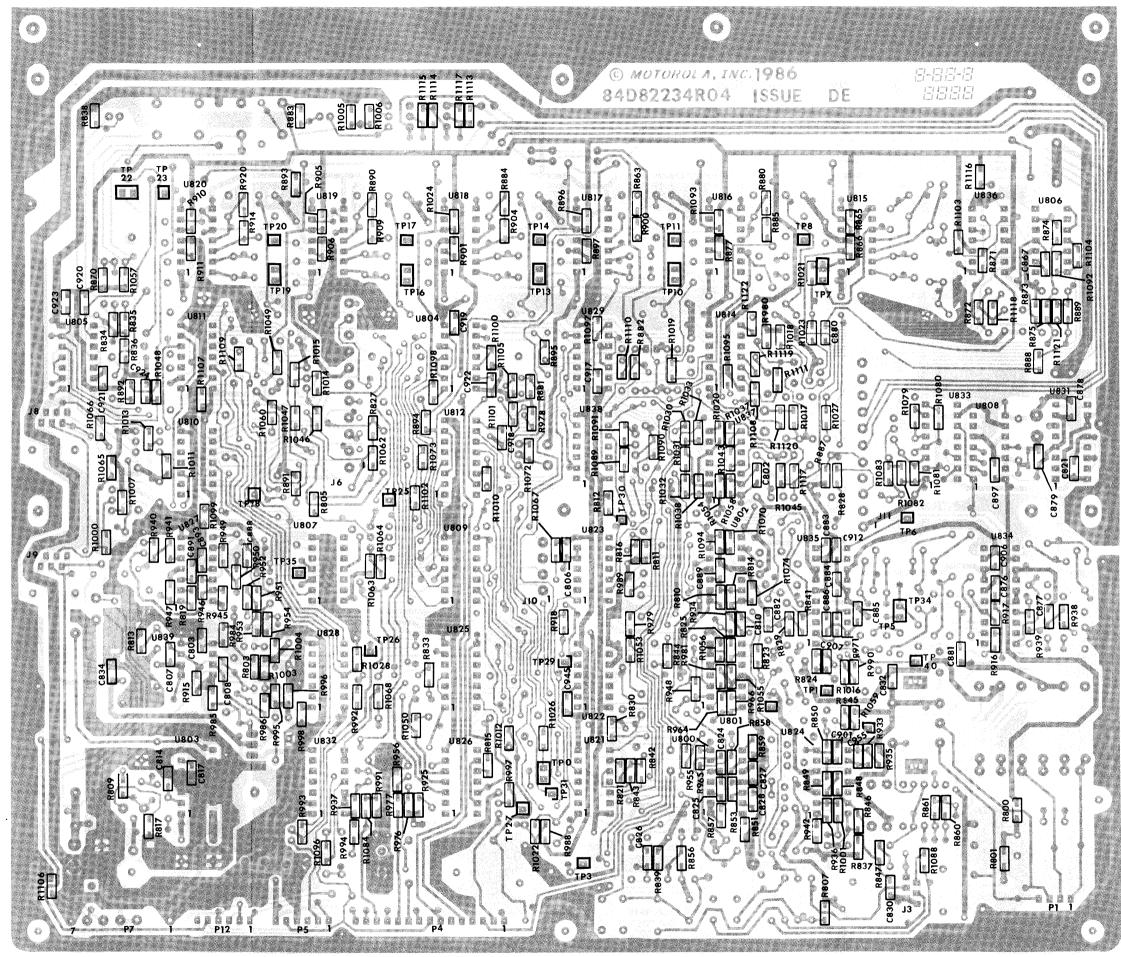
Note 29. Squelch control flip-flop U825B-U825D is set (U825-4 high) by a high at U825A-1 and reset (U825-4 low) by a high at U825C-8.

Note 30. The Clock Generator Circuit (U808, U831, and U833) generates the clock frequency for the switched capacitor filters per the following table:

CLOCK	GUARD TONE
FREQUENCY	FREQUENCY
111.50kHz	2100/2175Hz
122.65kHz	2325/2432Hz
136.28kHz	2700/2800Hz

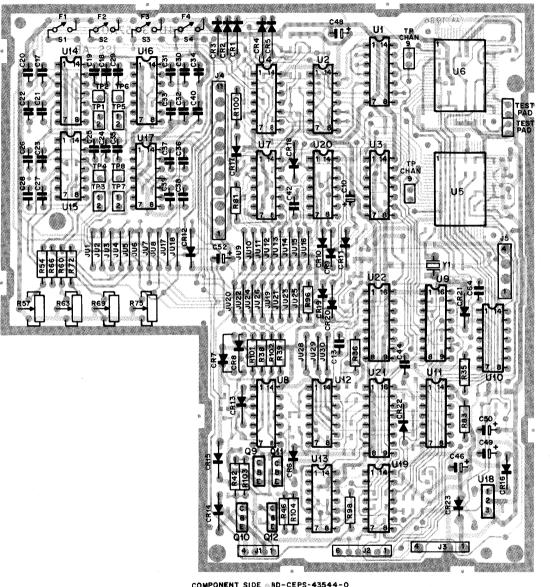


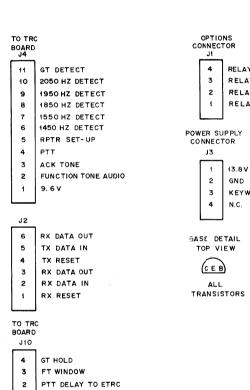
COMPONENT SIDE SOLDER SIDE D-DEPS-41903-A OL-DEPS-41903-A OL-DEPS-41904-0 OL-DEPS-41904-0



COMPONENT SIDE BD-DEPS-41902-A SOLDER SIDE (\*) BD-DEPS-41903-A OL-DEPS-41905-A

MC compact Base/Repeater Station GLN6767A, GLN6768A & GLN6815A Tone Remote Control (TRC) Board Circuit Board Details





PTT DELAY FROM ETRC

COMPONENT SIDE () BD-CEPS-43544-0 SOLDER SIDE () BD-CEPS-43545-0 OL-DEPS-43546-0 SHOWN FROM COMPONENT SIDE

MC compact Base/Repeater Station GLN6878A Enhanced Tone Remote Control (ETRC) Board Circuit Board Details

4 RELAY 1+ 3 RELATI-2 RELAY 2 + 1 RELAY 2-

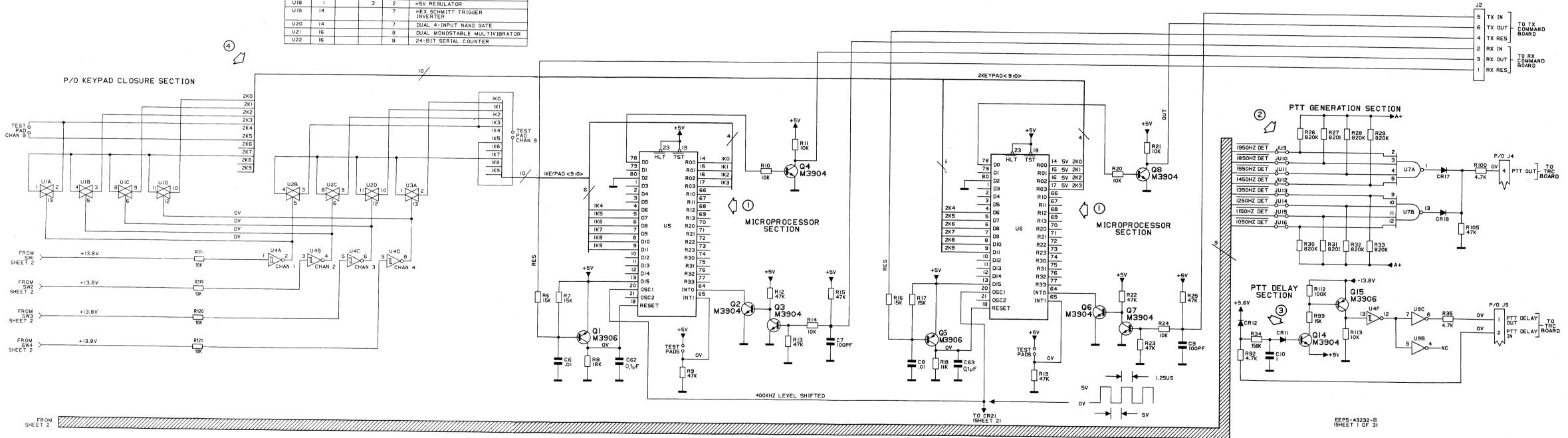
1 13.8V 2 GND 3 KEYWAY 4 N.C.

BASE DETAIL

84D03457A03 29 . 999 A ASSOCIAL C3 ISS-AB E B C M-43 R R R RI 100 **R**1 **F** \$ 6 ¢.

COMPONENT SIDE : BD-CEPS-43544-0 (REV) SOLDER SIDE BD-CEPS-43545-0 (REV) OL-CEPS-43547-0

REF. DESIG	+13.8V (PIN)	+9.6V (PIN)	+5V (PIN)	GND (PIN)	DESCRIPTION
UI	14			7	QUAD BILATERAL SWITCH
U2	4			7	QUAD BILATERAL SWITCH
U3	14			7	QUAD BILATERAL SWITCH
U4	14			7	HEX SCHMITT TRIGGER INVERTER
U5			22	63	LCD-III MICROPROCESSOR
U6			22	63	LCD-III MICROPROCESSOR
U7	14			7	DUAL 4-INPUT NAND GATE
U8	14			7	QUAD 2-INPUT NAND GATE
U9	1			8	HEX INVERTER
UIO	14			7	8-BIT SERIAL COUNTER
UII	4			7	8-BIT SERIAL COUNTER
U12	14			7	DUAL 4-INPUT NAND GATE
EIU	14			7	QUAD 4-INPUT NAND GATE
UI4		1		4	PHASED LOCKED LOOP
U15		1		4	PHASED LOCKED LOOP
U16		1		4	PHASED LOCKED LOOP
U17		Ι		4	PHASED LOCKED LOOP
U18	I		З	2	+5V REGULATOR
019	14			7	HEX SCHMITT TRIGGER INVERTER
U20	14			7	DUAL 4-INPUT NAND GATE
U21	16			8	DUAL MONOSTABLE MULTIVIBRATOR
U22	16			8	24-BIT SERIAL COUNTER



# INTEGRATED CIRCUIT DATA CHART

MC compact Base/Repeater Station GLN6878A ETRC Board Schematic Diagram (Sheet 1 of 3)

1. The microprocessor section consists of two LCD-III microprocessors (U5 and U6) and associated components. The ETRC board accesses the microprocessors through the keypad lines ROO-RO3 and D6-D11. The ETRC board "closes" the appropriate keys to cause the microprocessors to change the transmit and receive rf sections of the radio to the desired mode of operation. The microprocessors interface to the rf sections serially via Q1 through Q8. The test pads allow the microprocessors to be placed into the test mode. The reset signal allows the rf sections to reset the LCD-III microprocessors.

2. The PTT generation section generates the PTT OUT signal which drives the logic on the TRC board, by OR'ing the function tone detector outputs via U7A and U7B. Jumpers JU9 thru JU16 determine which of the function tones are defined as transmit function tones in each radio.

3. In the PTT Delay section R34, C10, and Q14 provide the delay of the PTT signal during its transition from low to high. Dekeying is not delayed. Q15 buffers the PTT signal back to the A+ level. U4F is a buffer circuit and U9C inverts the signal back to an active high logic state.

4. The keypad closure section contains circuitry to interpret function tone detections and generate the appropriate "key closures" for the LCD-III microprocessors. Transmission gates U1A-D U2A-D, and U3A-B perform the actual "closures". Each pair of gates is driven by a monostable consisting of Schmitt triggers U4A-E, R1-R5, C1-C5, and CR1-CR5. The five key closure circuits are driven by the base key signals B1-B5. The first four base key signals (B1-B4) can be driven by one of two function tone detectors outputs which are selectable by jumpers JUI-JU8. JU1, JU3, JU5, and JU7 correspond to 1950Hz, 1850Hz, 1350Hz, and 1250Hz, respectively, and are IN for 4-frequency operation. JU2, JU4, JU6, and JU8 correspond to 1350Hz, 1250Hz, 1150Hz and 1050Hz, respectively, and are IN for 4-PL operation. Switches SW1-SW4 allow local selection of modes 1-4 for servicing. A pair of test pads allow selection of channel 9 for calibration.

5. U8A-B and U8C-D are configured as flip-flops which generate wild card signals WC1 and WC2. The set and reset inputs of each flip flop are controlled by a pair of function tone detectors which are selectable by jumpers JU19-JU26. Each relay driver consists of a darlington transistor (Q9 and Q11) driving a high voltage transistor (Q10 and Q12) which are capable of controlling up to 500 mA. The transistors are protected against reverse voltage transients by CR14 and CR15.

6. Y1 and U9 generate the 400kHz clock for the microprocessor. U10 divides the clock frequency down to 50kHz for the LFTT timer and Acknowledge (ACK) tone generation circuit.

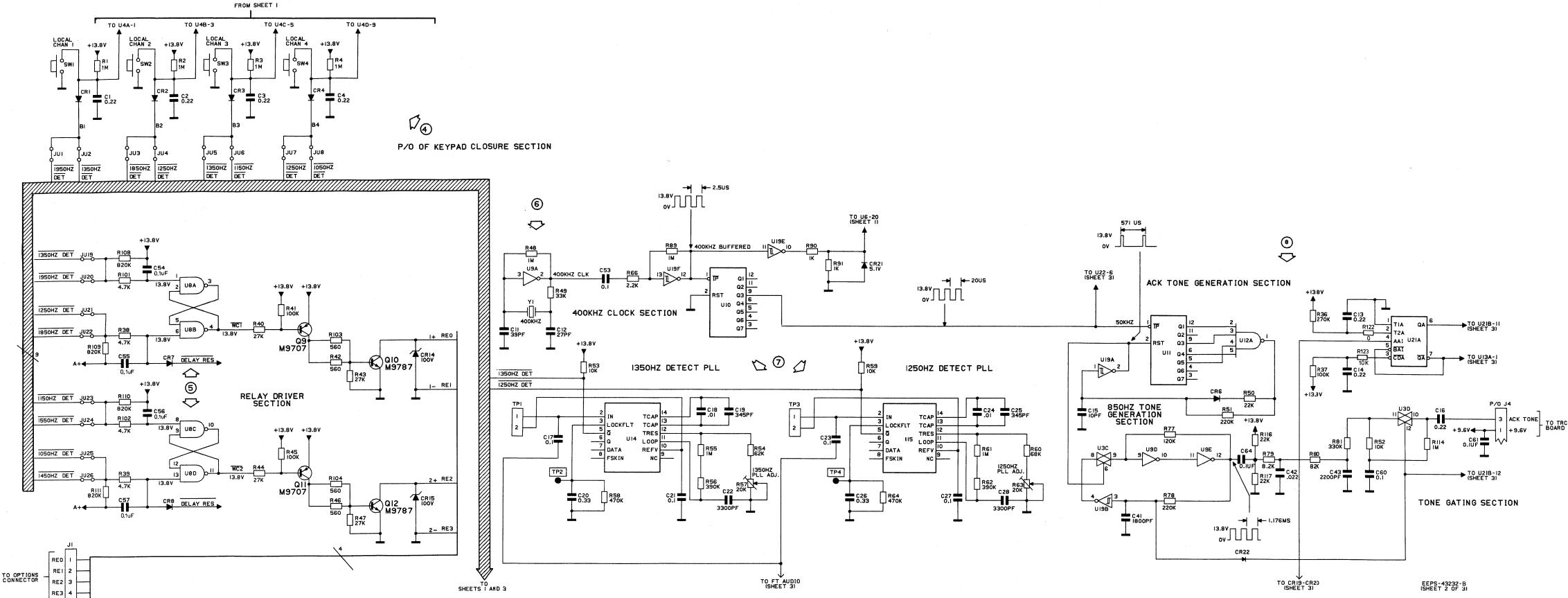
7. U14-U17 are phased locked loops which provide de-tection of function tones 1350Hz, 1250Hz, 1150Hz, and 1050Hz, respectively.

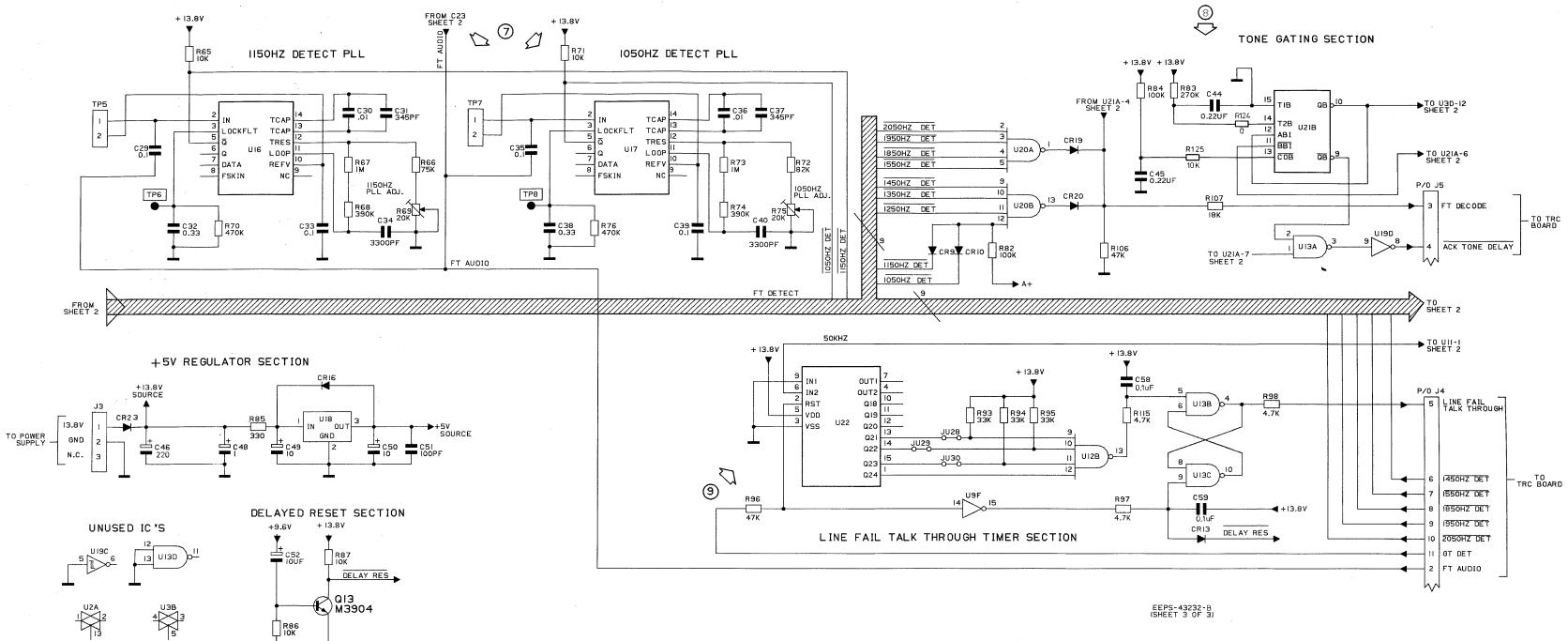
8. The acknowledge (ACK) tone generation section contains the circuitry to send a 60ms 850Hz tone 60ms after the detection of a valid function tone. U11, U12A, and U19A divide the 50kHz clock down to 1700Hz. U3C, U9D, U9E, and U19B divide the 1700Hz tone in half to 850Hz. U20A-B detects a valid function tone decode and triggers monostable U21A, which provides a 60ms delay. U21A then triggers monostable U21B which opens audio gate U3D for 60ms R79-80 and C42-43 form a 2-pole low pass filter and R52 and R81 form a voltage divider to set the tone level.

9. The LFTT timer section contains a timer consisting of U22 and U12B which monitors the time since the last guard tone detect by counting pulses of the 50kHz clock. U13B and U13C form a flip-flop which is set by the timer and reset by guard tone detect (GT DET) through U9F, which also resets the timer. The LFTT signal from U13B-4 is active high. Jumpers JU28-JU30 select the various time-out timer lengths.

### GEPF-0064e

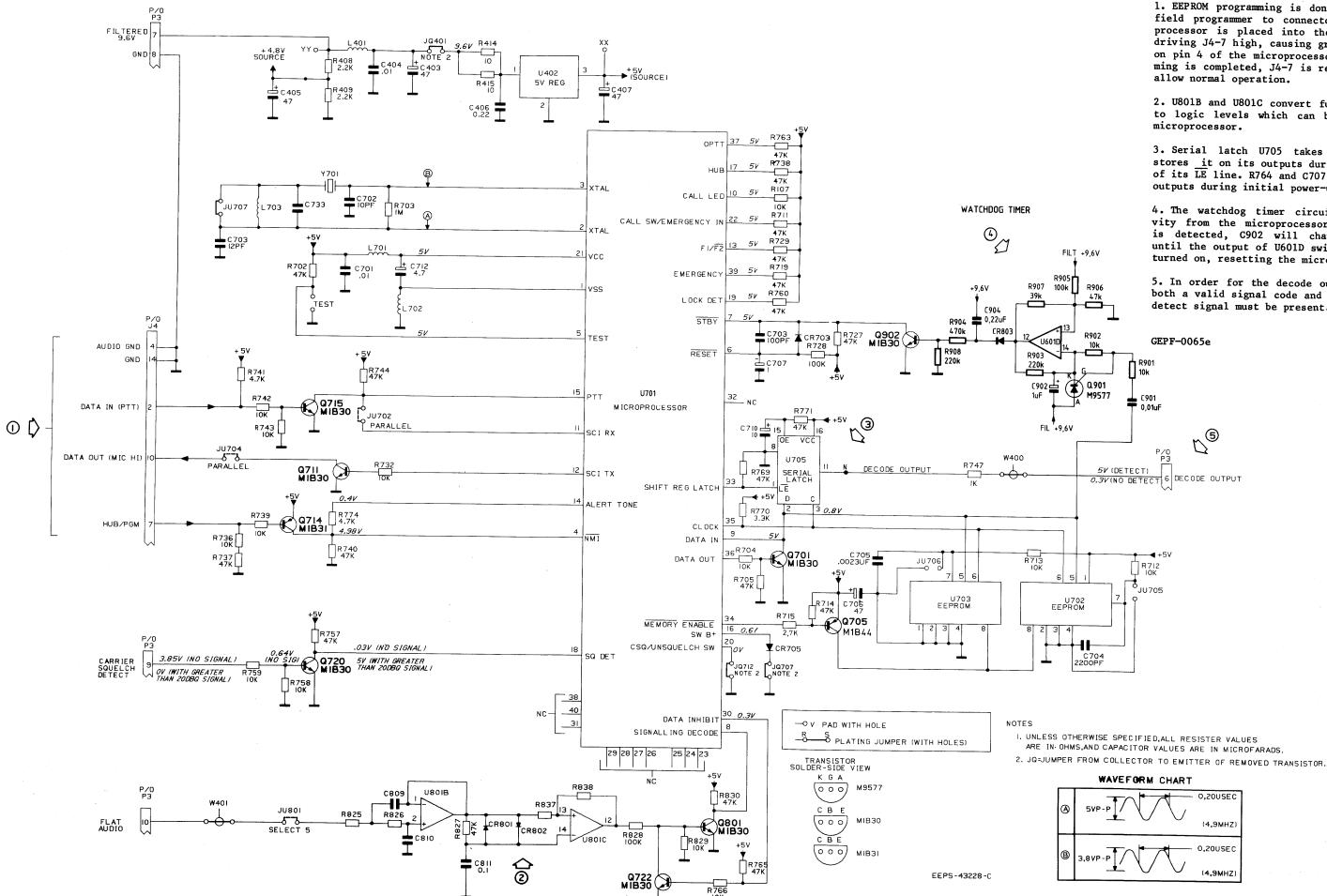
MC compact Base/Repeater Station GLN6878A ETRC Board Schematic Diagram Wild Card Relay Drivers & ACK Tone Generator (Sheet 2 of 3)





R86

MC compact Base/Repeater Station GLN6878A ETRC Board Schematic Diagram Tone Gating, LFTT Timer, Delay Reset and (Sheet 3 of 3) Power Distribution



MC compact Base/Repeater Station GLN6769A RAT Decoder Board Schematic Diagram

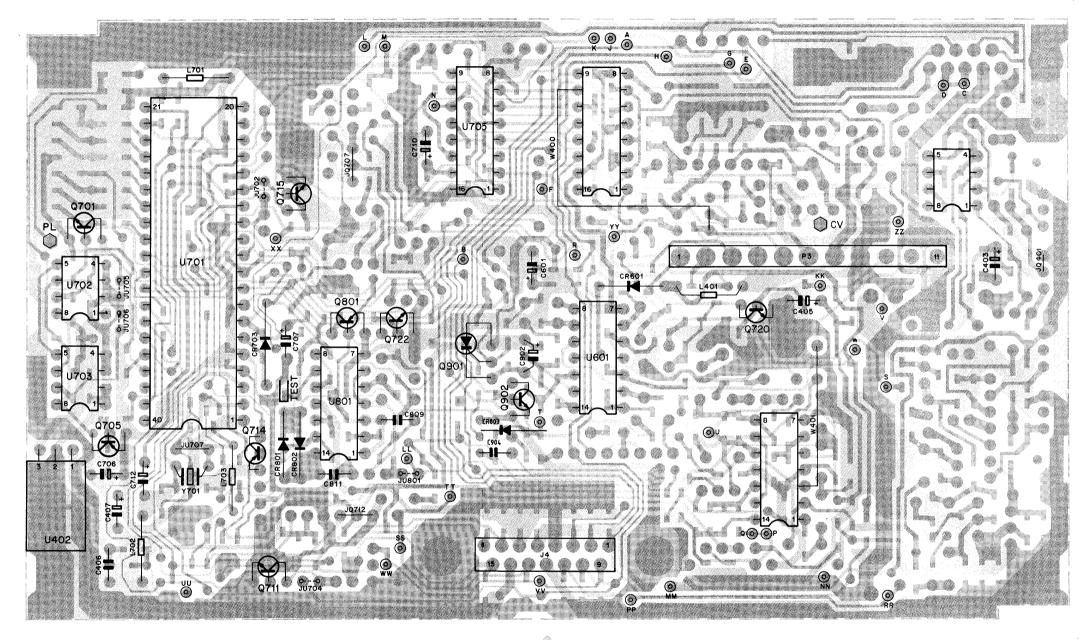
1. EEPROM programming is done by connecting a field programmer to connector J4. The microprocessor is placed into the program mode by driving J4-7 high, causing ground to be placed on pin 4 of the microprocessor. After programming is completed, J4-7 is returned to +5 V to allow normal operation.

2. U801B and U801C convert function tone audio to logic levels which can be decoded by the

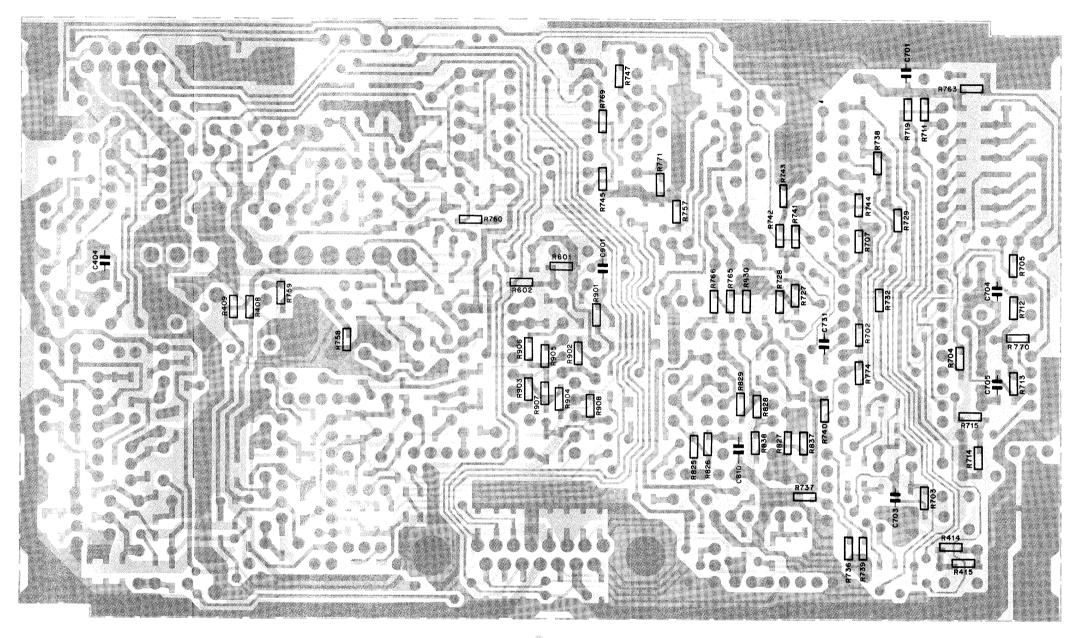
3. Serial latch U705 takes serial data and stores \_it on its outputs during a rising edge of its  $\overline{\text{LE}}$  line. R764 and C707 disable the latch outputs during initial power-up.

4. The watchdog timer circuit monitors activity from the microprocessor. If no activity is detected, C902 will charge through R903 until the output of U601D switches and Q902 is turned on, resetting the microprocessor.

5. In order for the decode output to go high, both a valid signal code and a carrier squelch detect signal must be present.

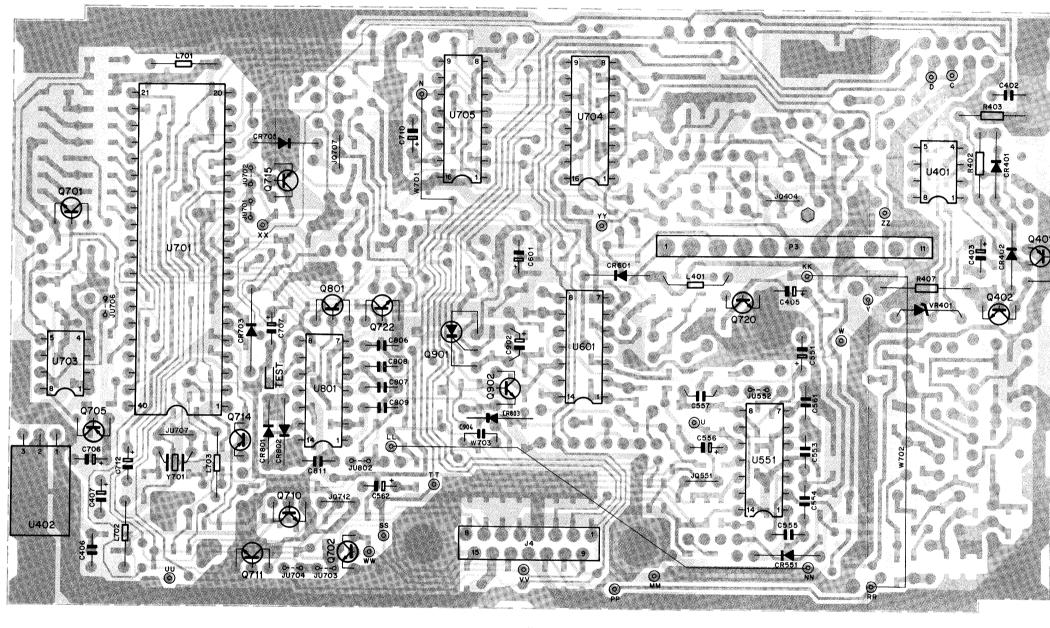


Component side <sup>®</sup> deps-43329-a Solder side <sup>®</sup> deps-43330-a Component overlay ● deps-43337-a



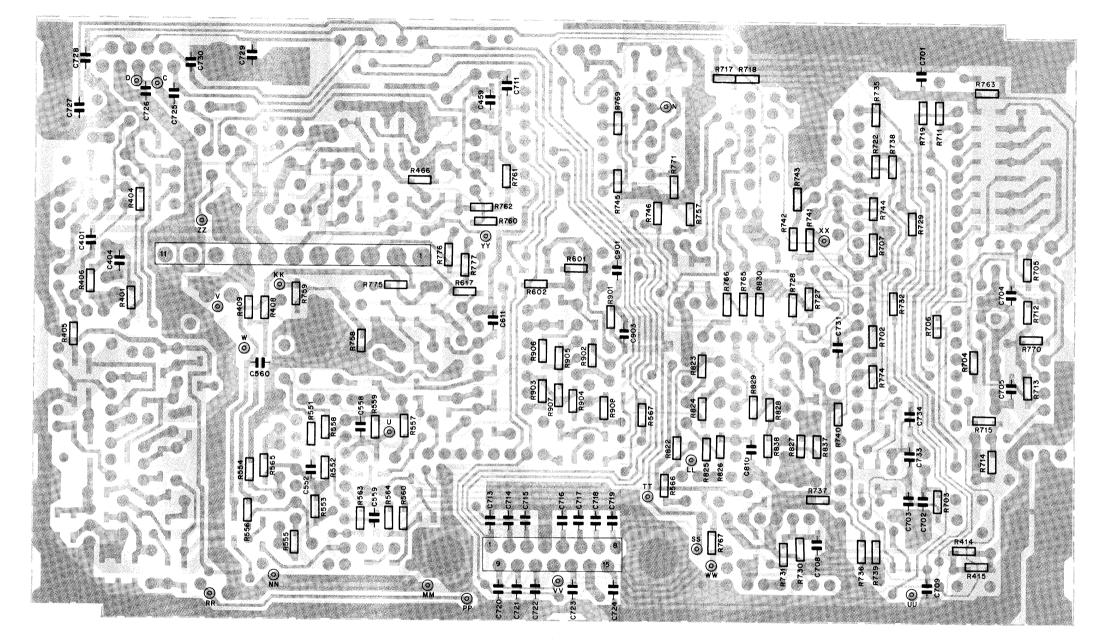
Component side <sup>©</sup> deps-43329-A ( Rev ) Solder side <sup>©</sup> deps-43330-A ( Rev ) Chip component overlay ● deps-43338

> MC compact Base/Repeater Station GLN6769A RAT Decoder Board Circuit Board Details

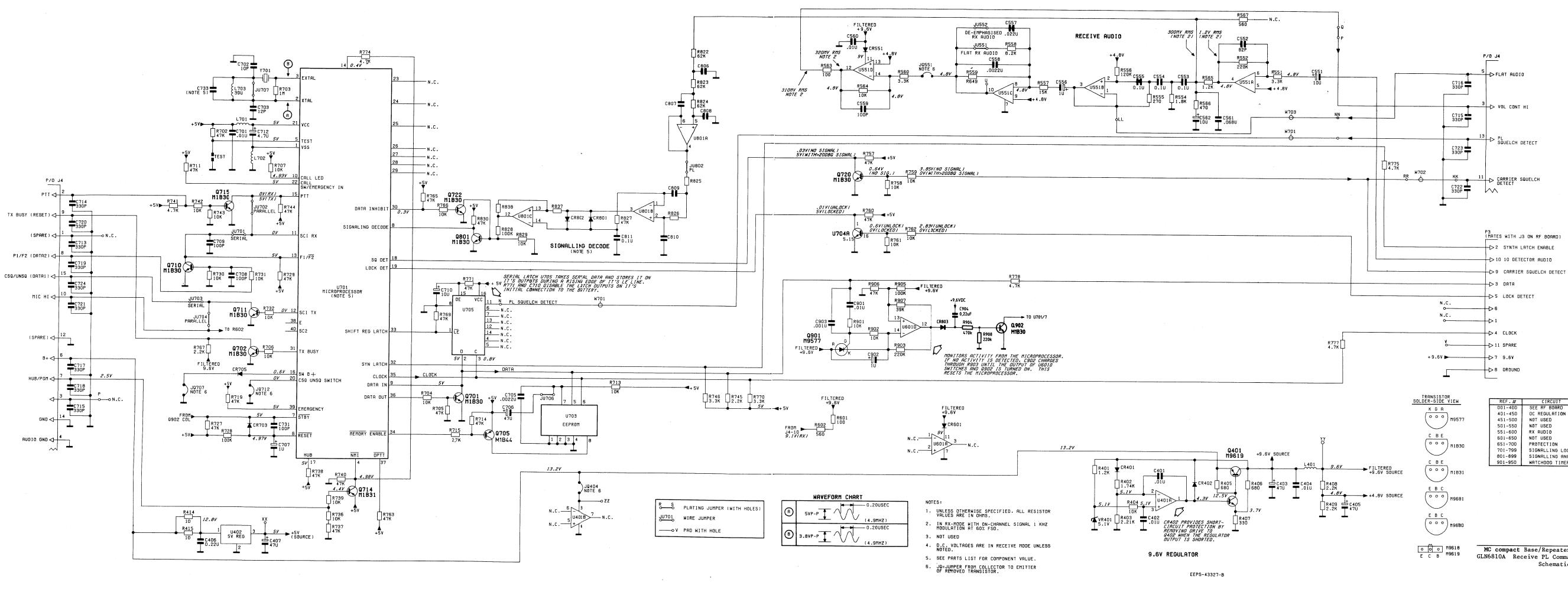


Component side Deps-43329 - A Solder side Deps-43330-A Component overlay ● deps-43333-A

MC compact Base/Repeater Station GLN6810A Receive PL Command Board Circuit Board Details

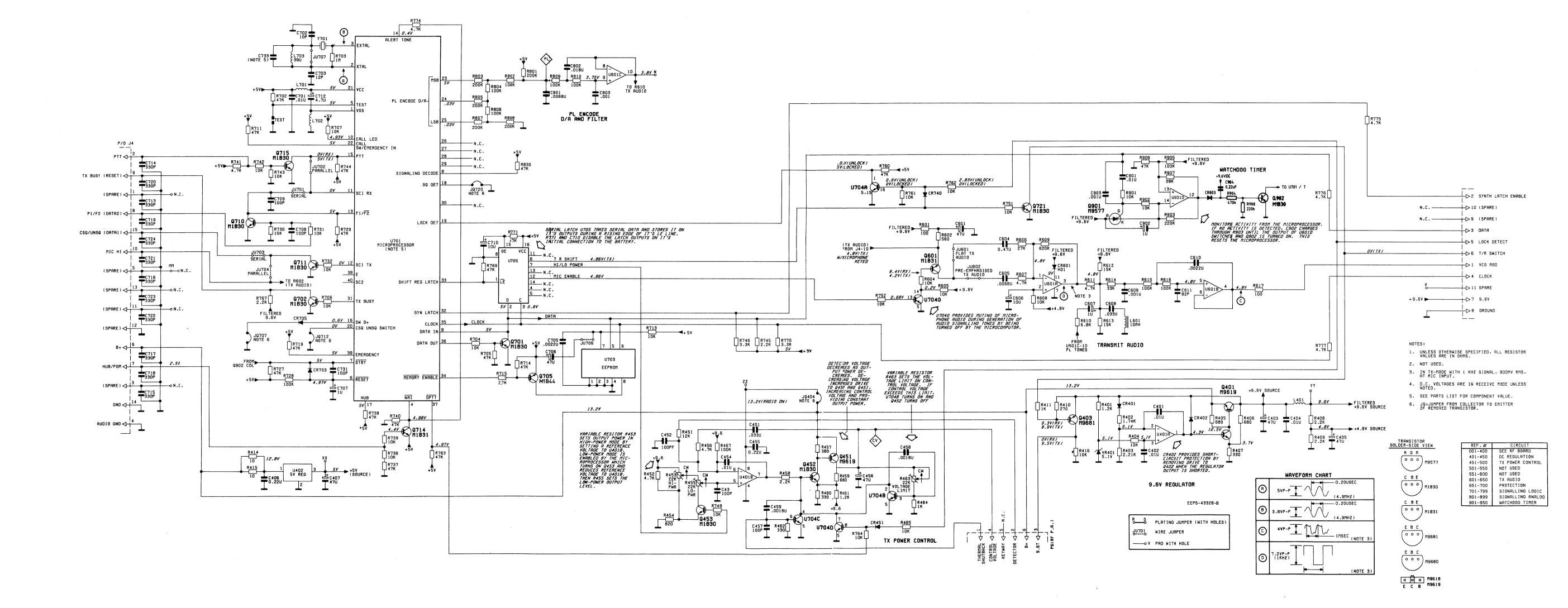


COMPONENT SIDE DEPS-43329-A ( REV ) SOLDER SIDE DEPS-43330-A ( REV ) CHIP COMPONENT OVERLAY DEPS-43334

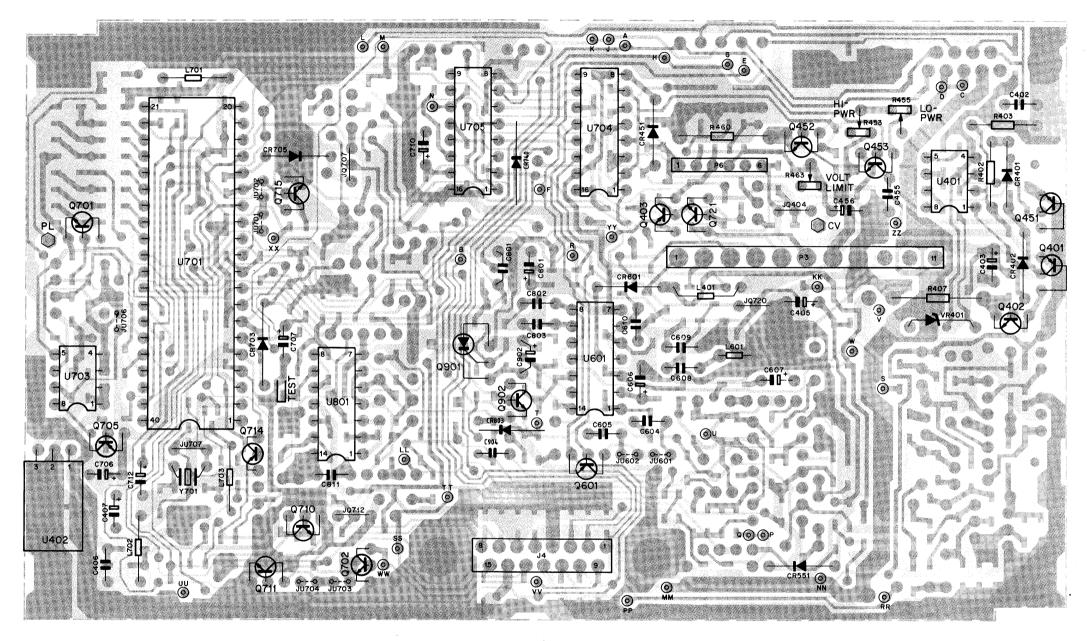


REF.#	CIRCUIT
001-400	SEE RF BOARD
401-450	DC REGULATION
451-500	NOT USED
501-550	NOT USED
551-600	RX AUDIO
601-650	NOT USED
651-700	PROTECTION
701-799	SIGNALLING LOGIC
801-899	SIGNALLING ANALOG
901-950	WATCHDOG TIMER

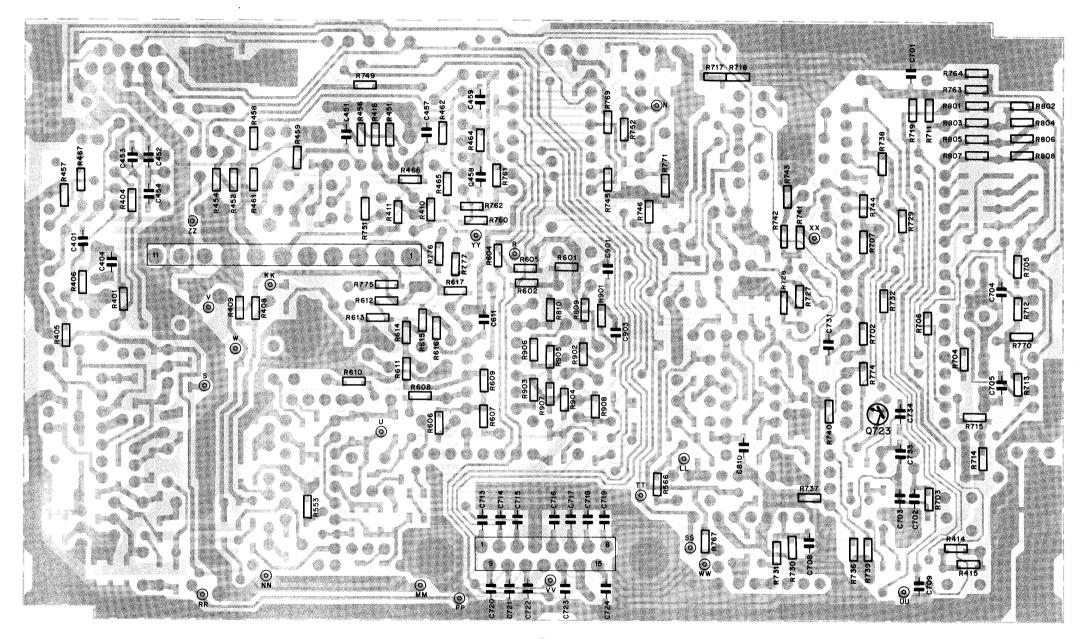
MC compact Base/Repeater Station GLN6810A Receive PL Command Board Schematic Diagram



MC compact Base/Repeater Station GLN6811A Transmit PL Command Board Schematic Diagram

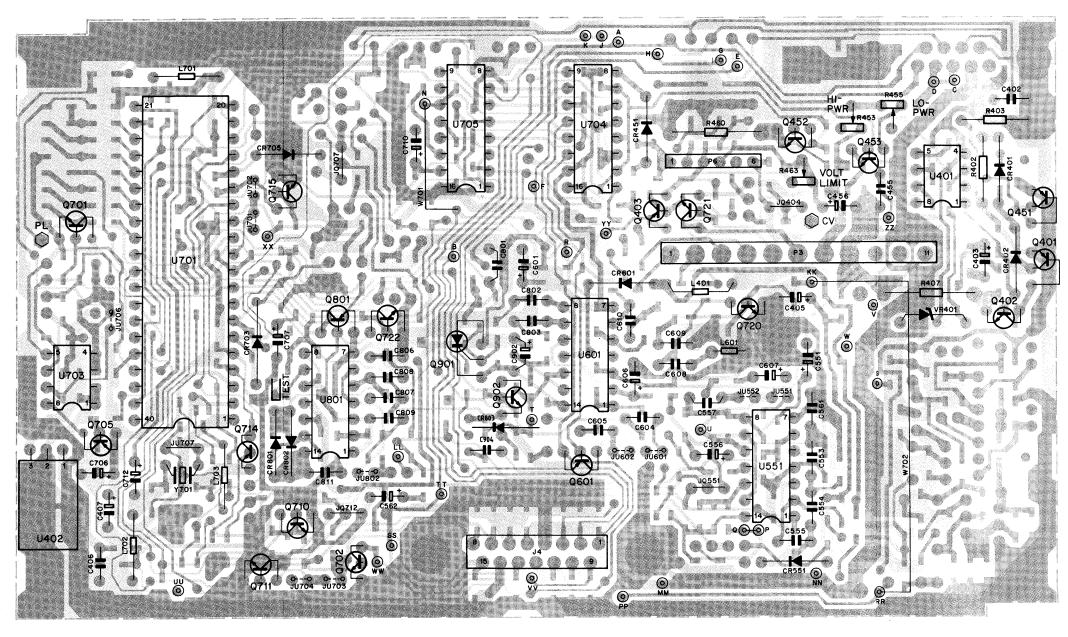


(OMPONENT SIDE DEPS-43329-A SOLDER SIDE DEPS-43330-A COMPONENT OVERLAY O DEPS-43335-A



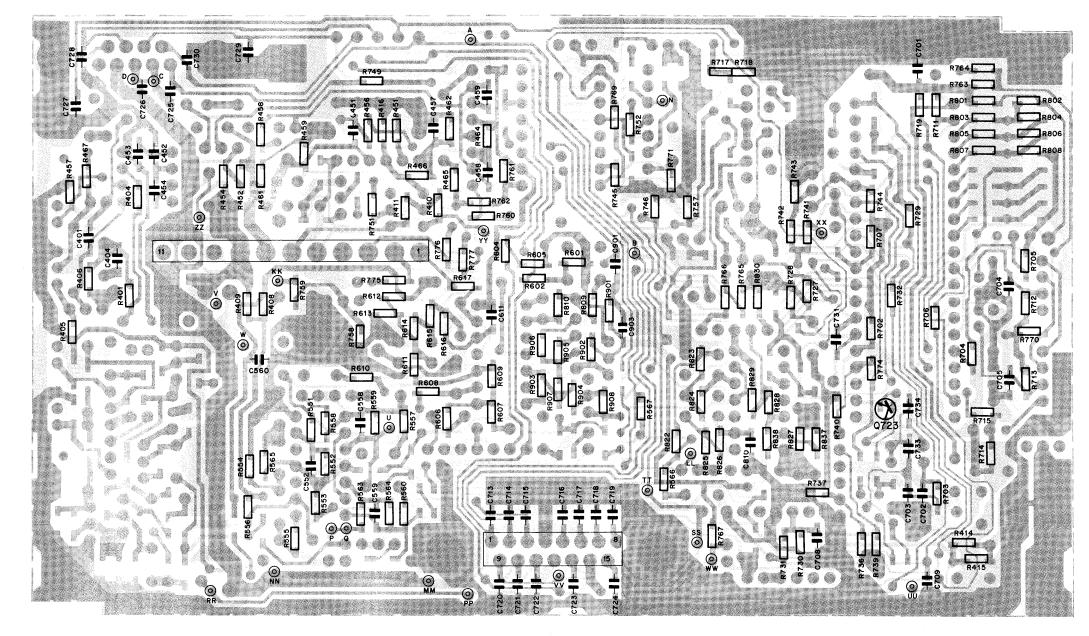
Component side <sup>®</sup> deps-43329-A ( ReV ) Solder side <sup>®</sup> deps-43330-A ( ReV ) Chip component overlay ● deps-43336

MC compact Base/Repeater Station GLN6811A Transmit PL Command Board Circuit Board Details

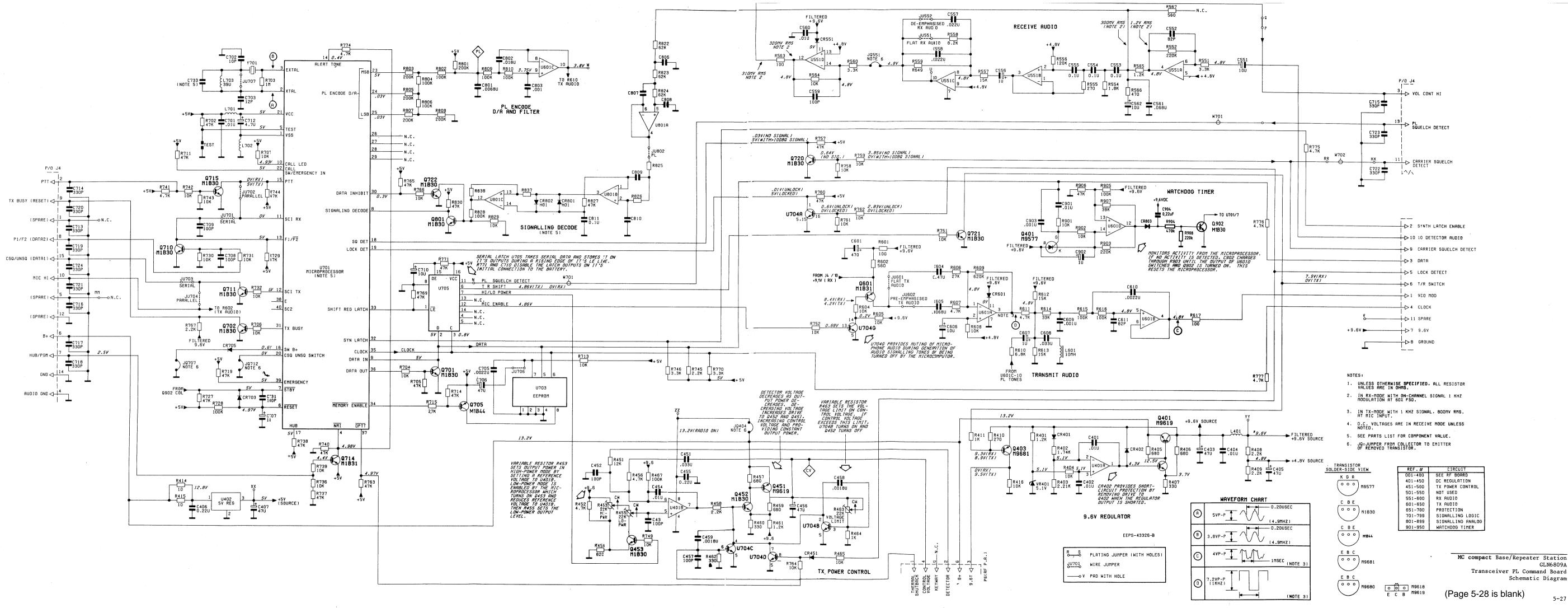


Component side deps-43329-A Solder side∞ deps-43330-A Component overlay ● deps-43331-A

MC compact Base/Repeater Station GLN6809A Transceiver PL Command Board Circuit Board Details



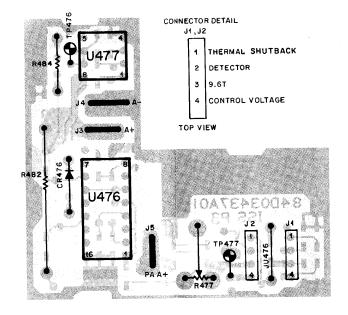
COMPONENT SIDE DEPS-43329-A ( REV ) SOLDER SIDE <sup>®</sup>DEPS-43330-A ( REV ) CHIP COMPONENT OVERLAY ● DEPS-43332



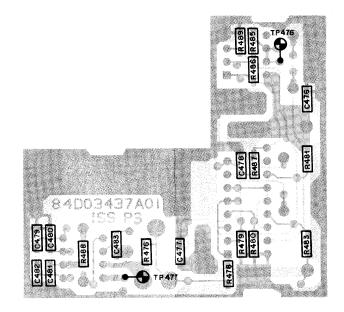
5-27

GLN6809A

Schematic Diagram

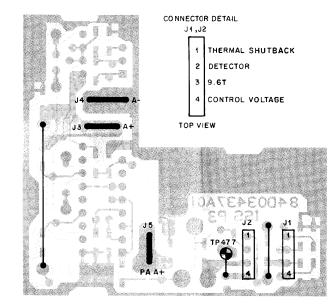


COMPONENT SIDE BD-BEPS-43509-0 SOLDER SIDE BD-BEPS-43510-0 OL-BEPS-43511-0



COMPONENT SIDE \_ BD-BEPS-43509-0 ( REV ) SOLDER SIDE ->>> BD-BEPS-43510-0 ( REV ) OL-BEPS-43512-0

)



COMPONENT SIDE BD-8EPS-43509-0 SOLDER SIDE BD-8EPS-43510-0 OL-8EPS-43513-0

> MC compact Base/Repeater Station GLN6898A 10W DC Interconnect Board GLN6899A 25W Current Limiter Board Circuit Board Details



1. UNLESS OTHERWISE STATED, RESISTOR VALUES ARE IN OHMS

AND INDUCTORS ARE IN uH. REFER TO TABLES IF COMPONENT VALUE IS NOT SHOWN.

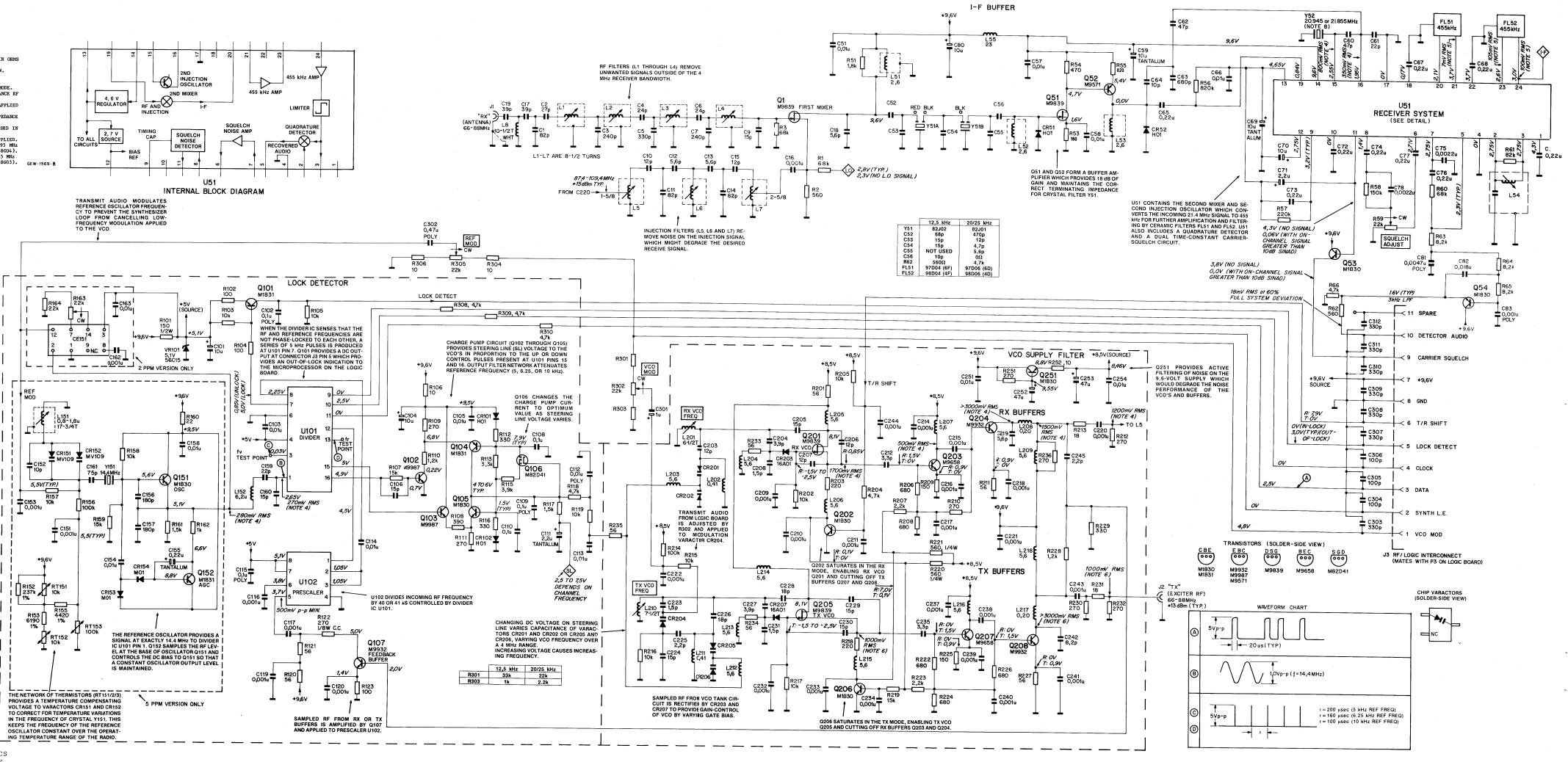
VOLTAGE DESIGNATIONS.

R = RECEIVE MODE, T = TRANSMIT MODE

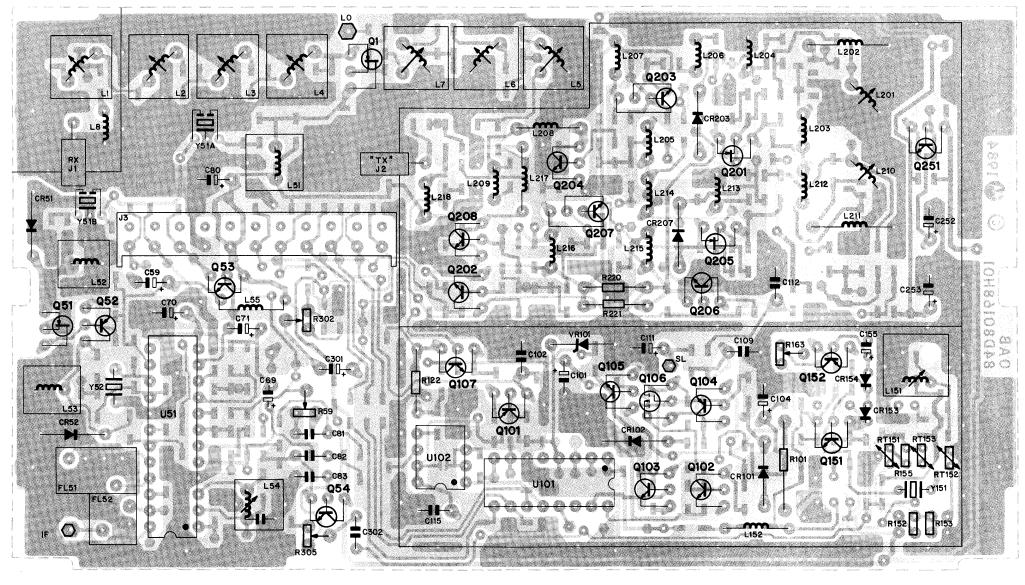
IF NOT SPECIFIED, VOLTAGES ARE IN THE RECEIVE MODE 4. MEASURED IN THE RECEIVE MODE WITH A HIGH-IMPEDANCE

MILLIVOLTMETER.

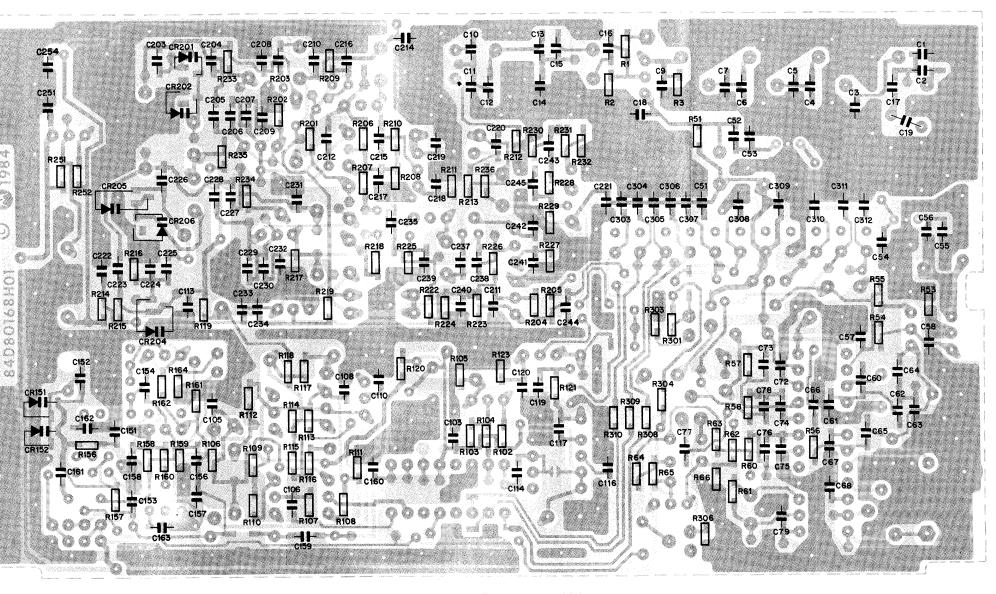
- MILLIVOLTMETER.
  SAME AS 4, EXCEPT WITH AN ON-CHANNEL SIGNAL APPLIED AT A LEVEL OF -75 dBm.
  MEASURED IN THE TRANSMIT MODE WITH A HIGH-IMPEDANCE RF MILLIVOLTMETER.
  ZERO OHM CHIP SHORT (P/N 0611024B23) MAY BE USED IN PLACE OF RESISTOR OR CAPACITOR.
  REFLACE 152 WITH SAME TYPE AS ORIGINALLY SUPPLIED. AT RECEIVE FREQUENCIES EETWEEN 83,765 AND 83,795 MHz Y52 REQUIRES THE 21.855 MHz CRYSTAL (P/N 4805488604). AT RECEIVE FREQUENCIES BETWEEN 87,405 AND 87,435 MHz Y52 REQUIRES THE 20.945 MHz CRYSTAL (P/N 48054886603).



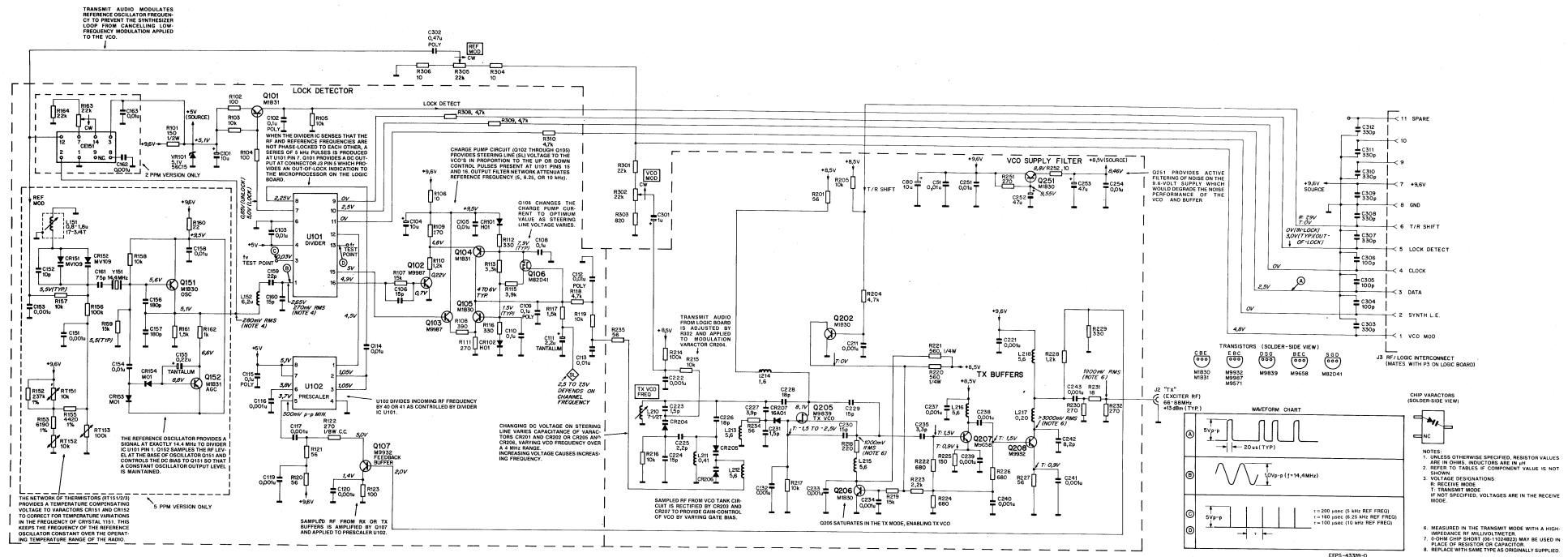
MC compact Base/Repeater Station GLC6047A RF Board 66-88MHz, 20/25kHz CS GLC6048A RF Board 66-88MHz, 12.5kHz CS Schematic Diagram



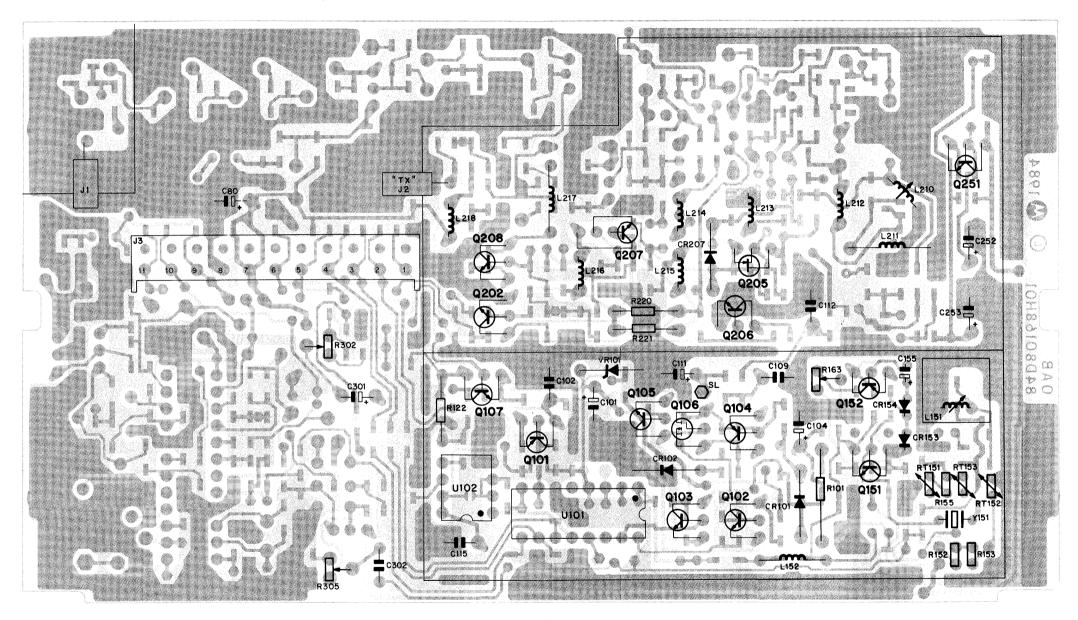
SOLDER SIDE 💮 GDW-1510-A COMPONENT SIDE 💮 GDW-1509-A OVERLAY — GDW-1511-A



> MC compact Base/Repeater Station GLC6047A RF Board 66-88MHz, 20/25kHz CS GLC6048A RF Board 66-88MHz, 12.5kHz CS Circuit Board Details



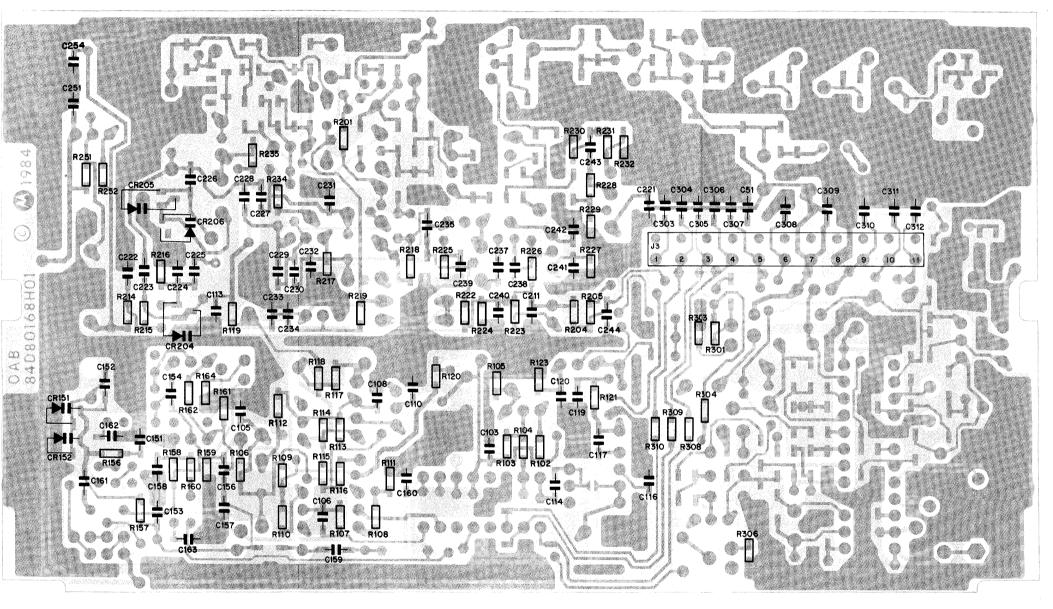
MC compact Base/Repeater Station GLC6049A Transmitter Board (66 - 88 MHz) Schematic Diagram



SOLDER
 SIDE
 Image: BD- DEPS - 43500-0

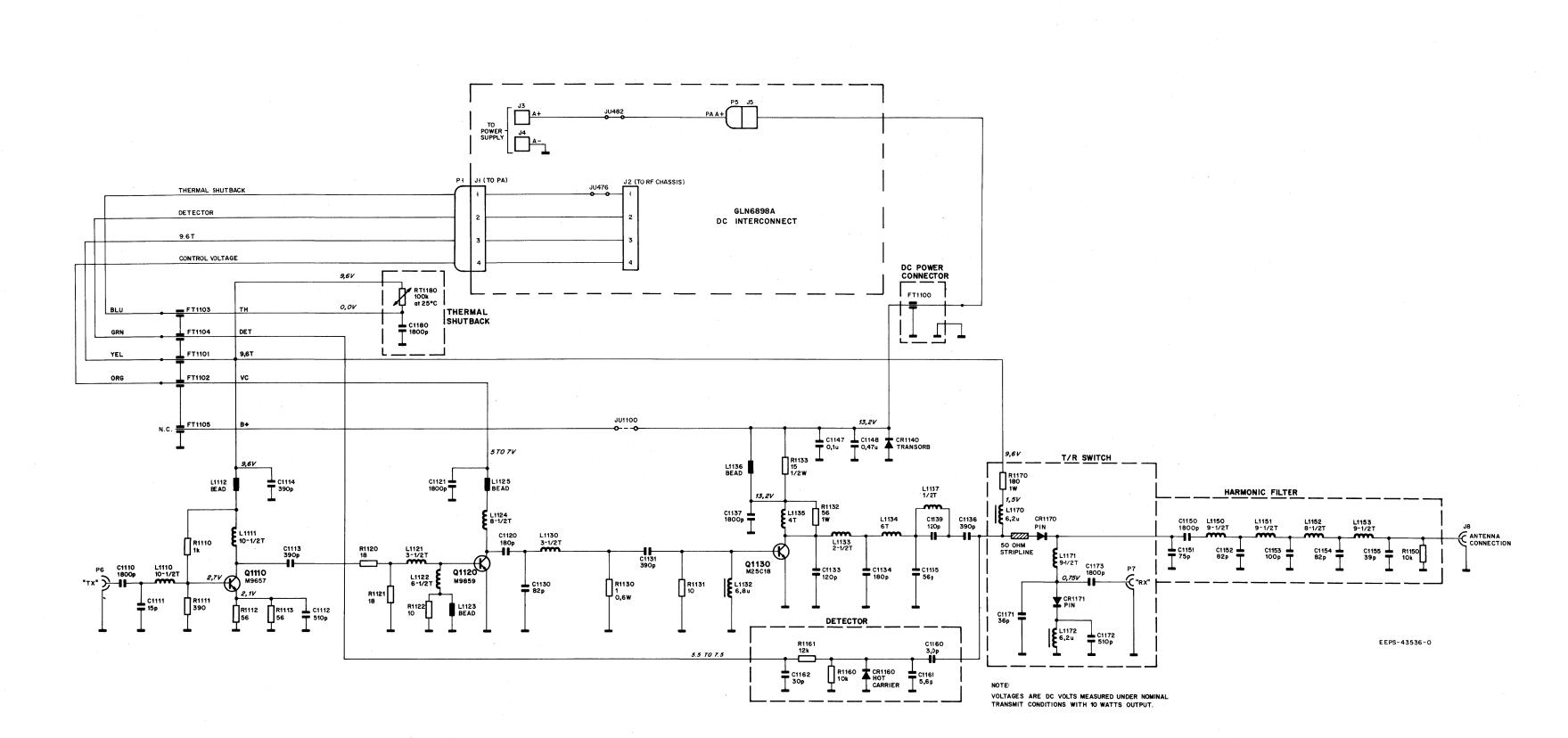
 COMPONENT
 SIDE
 BD- DEPS - 43501-0

 OVERLAY
 OL- DEPS - 43502-0

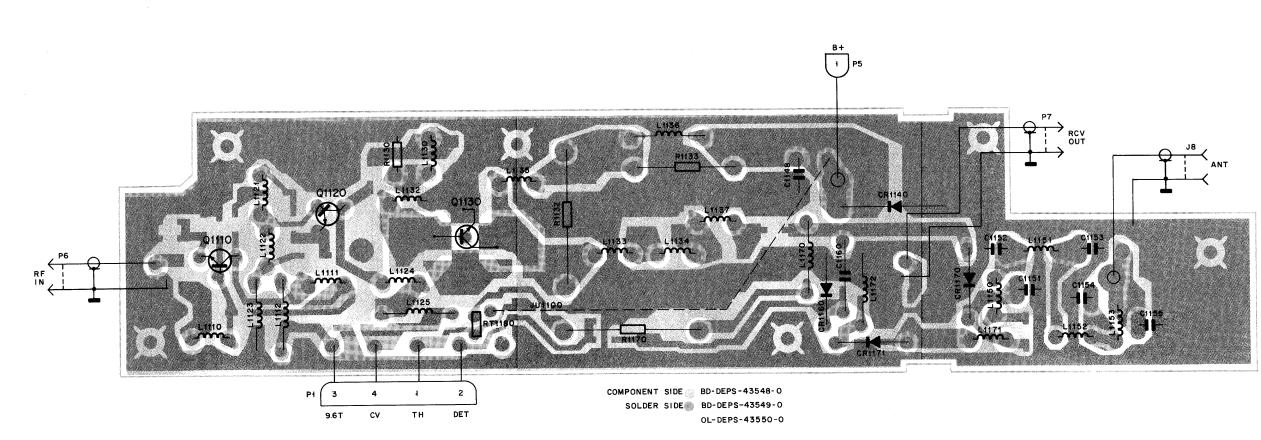


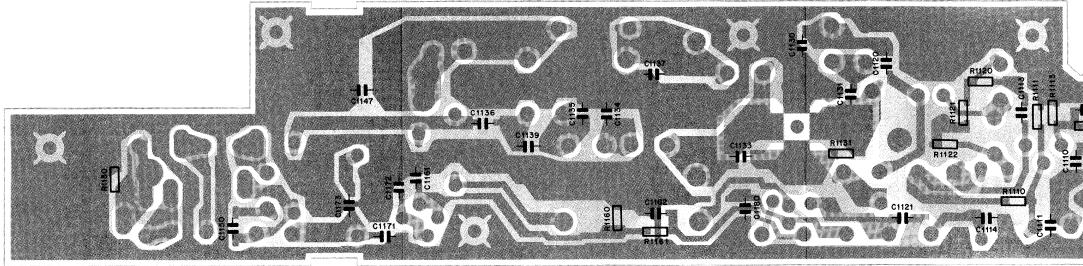
SOLDER	SIDE	BD-DEPS-43500-0	(REV
COMPONENT	SIDE	BD-DEPS-43501-0	(REV
OVE	RLAY	OL- DEPS- 43503-0	

MC compact Base/Repeater Station GLC6049A Transmitter Board (66 - 88 MHz) Circuit Board Details



MC compact Base/Repeater Station GLC6050A 10W Power Amplifier (66 - 88 MHz) Schematic Diagram



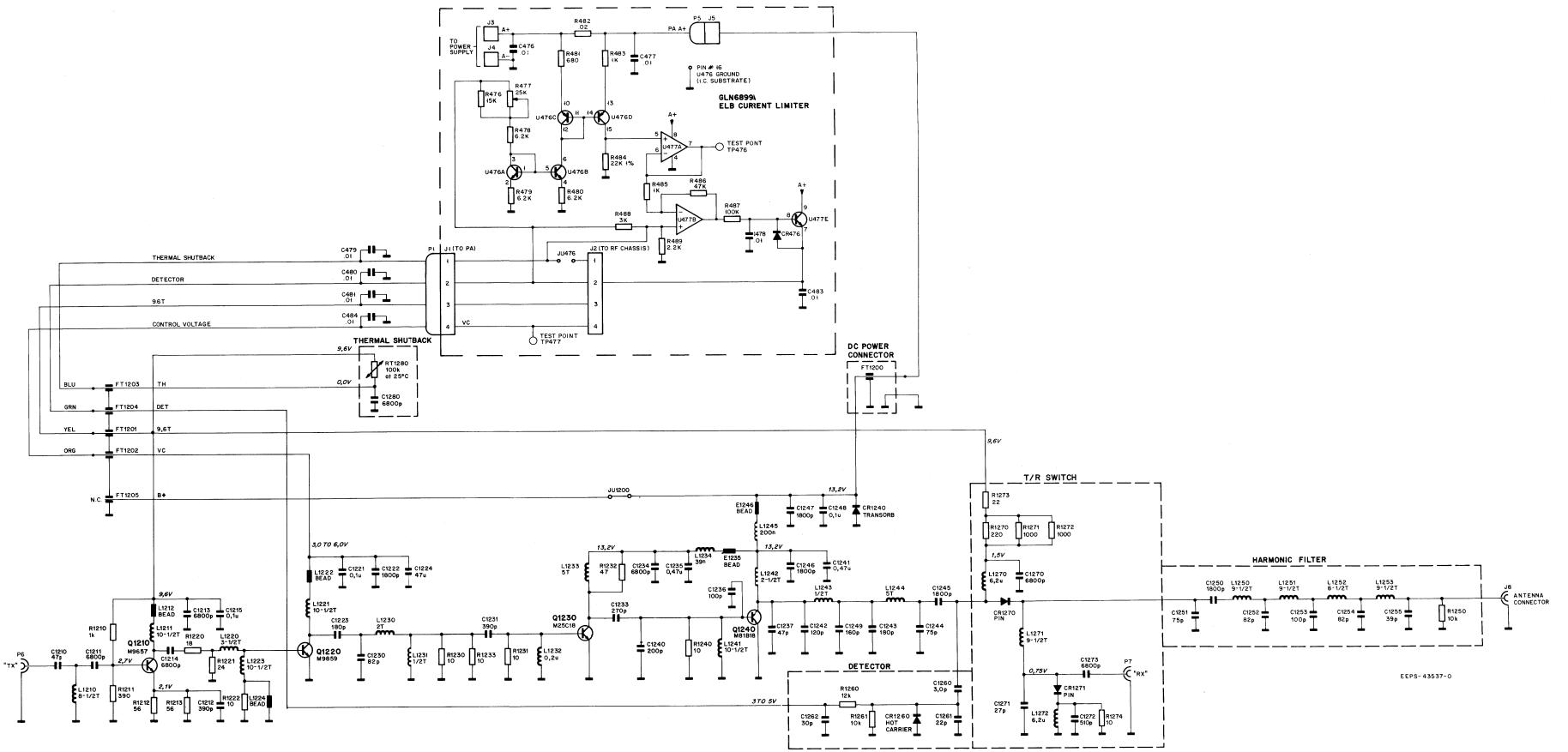


COMPONENT SIDE DD-DEPS-43548-0 (REV) SOLDER SIDE DD-DEPS-43549-0 (REV) OL-DEPS-43551-0

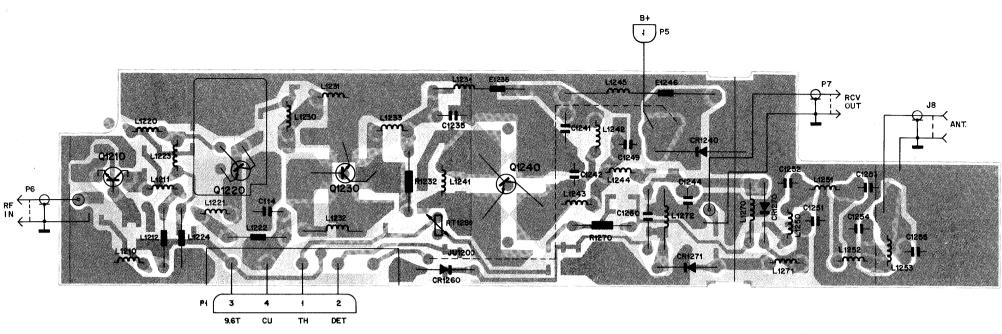


i

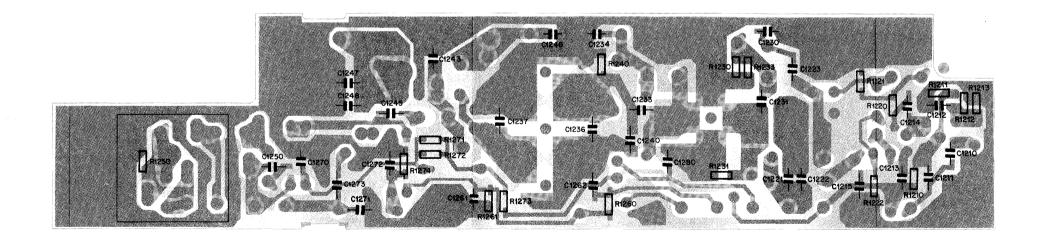
MC compact Base/Repeater Station GLC6050A 10W Power Amplifier (66 - 88 MHz) Circuit Board Details



MC compact Base/Repeater Station GLC6051A 25W Power Amplifier (66 - 88 MHz) Schematic Diagram NOTE: VOLTAGES ARE DC VOLTS MEASURED UNDER NOMINAL TRANSMIT CONDITIONS WITH 25 WATTS OUTPUT.

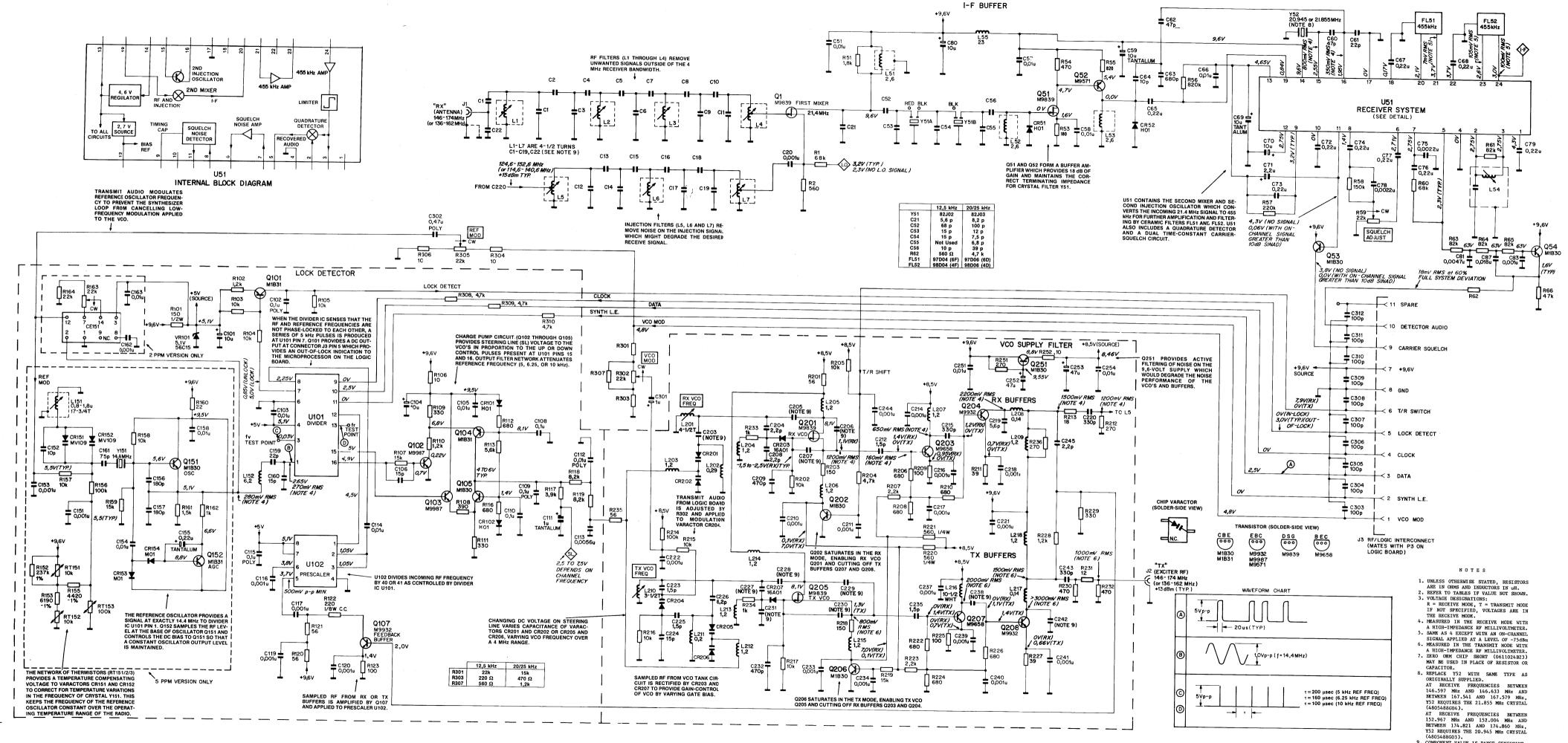


SOLDER SIDE 🧼 BD-DEPS-43552-0 COMPDNENT SIDE 💮 BD-DEPS-43553-0 OL-DEPS-43554-0



SOLDER SIDE 🧠 BD-DEPS-43552-0 (REV) COMPONENT SIDE 🔅 BD-DEPS-43553-0 (REV) OL-DEPS-43555-0

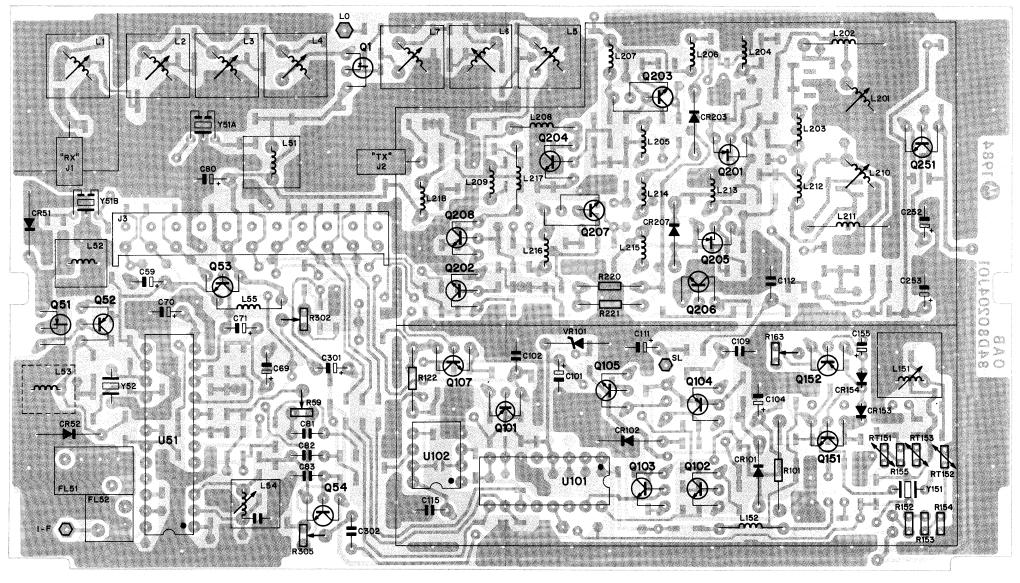
> MC compact Base/Repeater Station GLC6051A 25W Power Amplifier (66 - 88 MHz) Circuit Board Details



MC compact Base/Repeater Station GLD6165A, GLD6166A, GLD6169A & GLD6170A RF Board (136 - 174 MHz) Schematic Diagram

9. COMPONENT VALUE IS RANGE-SENSITIVE. REFER TO PARTS LIST FOR VALUE.

GEW-1570-A



SOLDER SIDE
 @
 GDW-1514-A

 COMPONENT SIDE
 @
 GDW-1513-A

 OVERLAY
 —
 GDW-1515-A

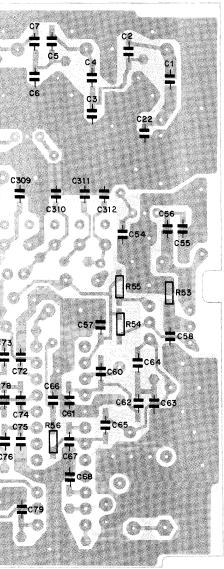
± C25 00000 

 SOLDER SIDE
 GDW-1514-A
 ( REV )

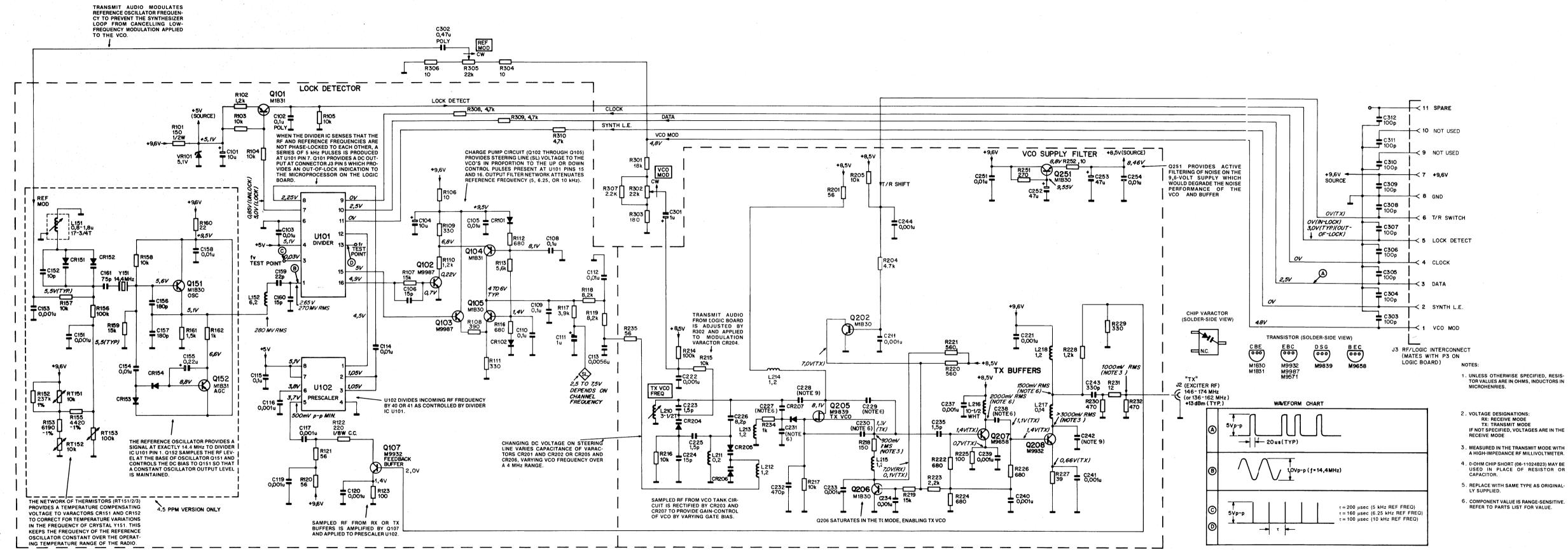
 COMPONENT SIDE
 GDW-1513-A
 ( REV )

 OVERLAY
 —
 GDW-1516-A

AY \_\_\_\_\_ GDW-1516-A



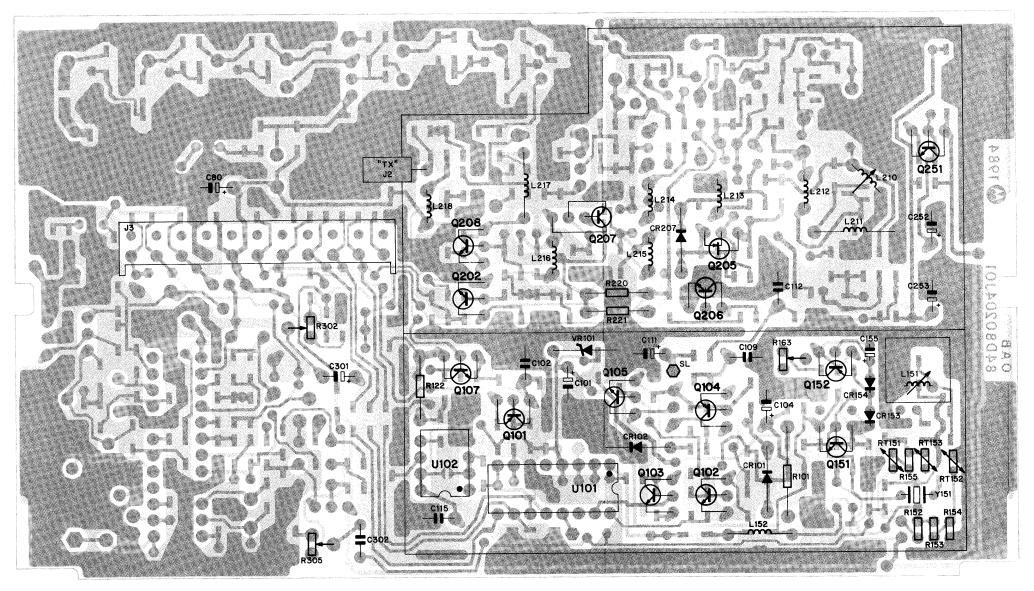
MC compact Base/Repeater Station GLD6165A, GLD6166A, GLD6169A & GLD6170A RF Board (136 - 174 MHz) Circuit Board Details



MC compact Base/Repeater Station GLD6179A & GLD6180A Transmitter Board (136 - 174 MHz) Schematic Diagram

- 2 . VOLTAGE DESIGNATIONS: RX: RECEIVE MODE TX: TRANSMIT MODE IF NOT SPECIFIED, VOLTAGES ARE IN THE RECEIVE MODE
- 3. MEASURED IN THE TRANSMIT MODE WITH A HIGH-IMPEDANCE RF MILLIVOLTMETER.
- 4. 0-OHM CHIP SHORT (06-11024B23) MAY BE USED IN PLACE OF RESISTOR OR CAPACITOR.
- 5. REPLACE WITH SAME TYPE AS ORIGINAL-LY SUPPLIED.
- 6. COMPONENT VALUE IS RANGE-SENSITIVE. REFER TO PARTS LIST FOR VALUE.

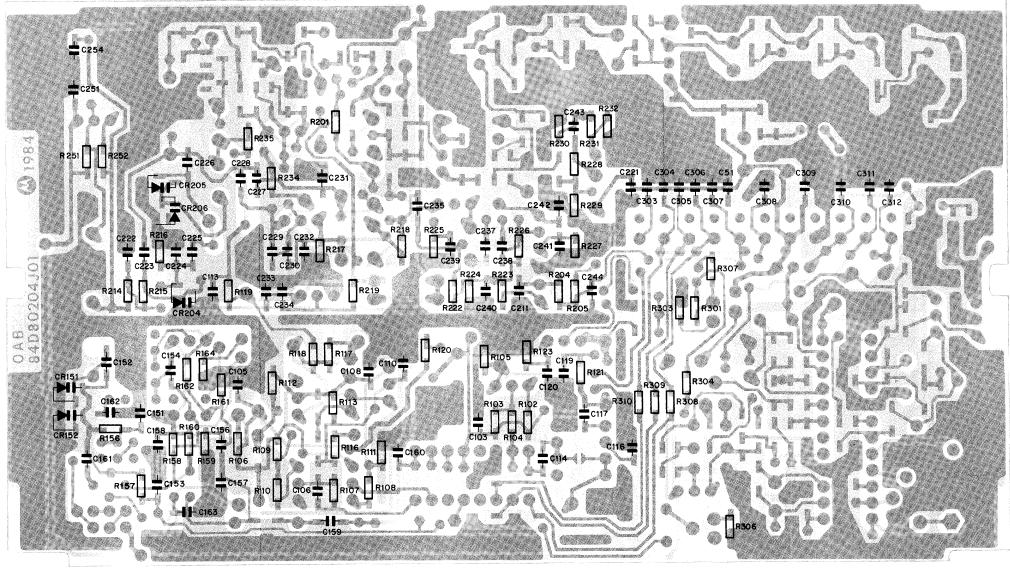
EEPS-43311-0



 SOLDER SIDE
 DEPS - 43312 - 0

 COMPONENT SIDE
 DEPS - 43313 - 0

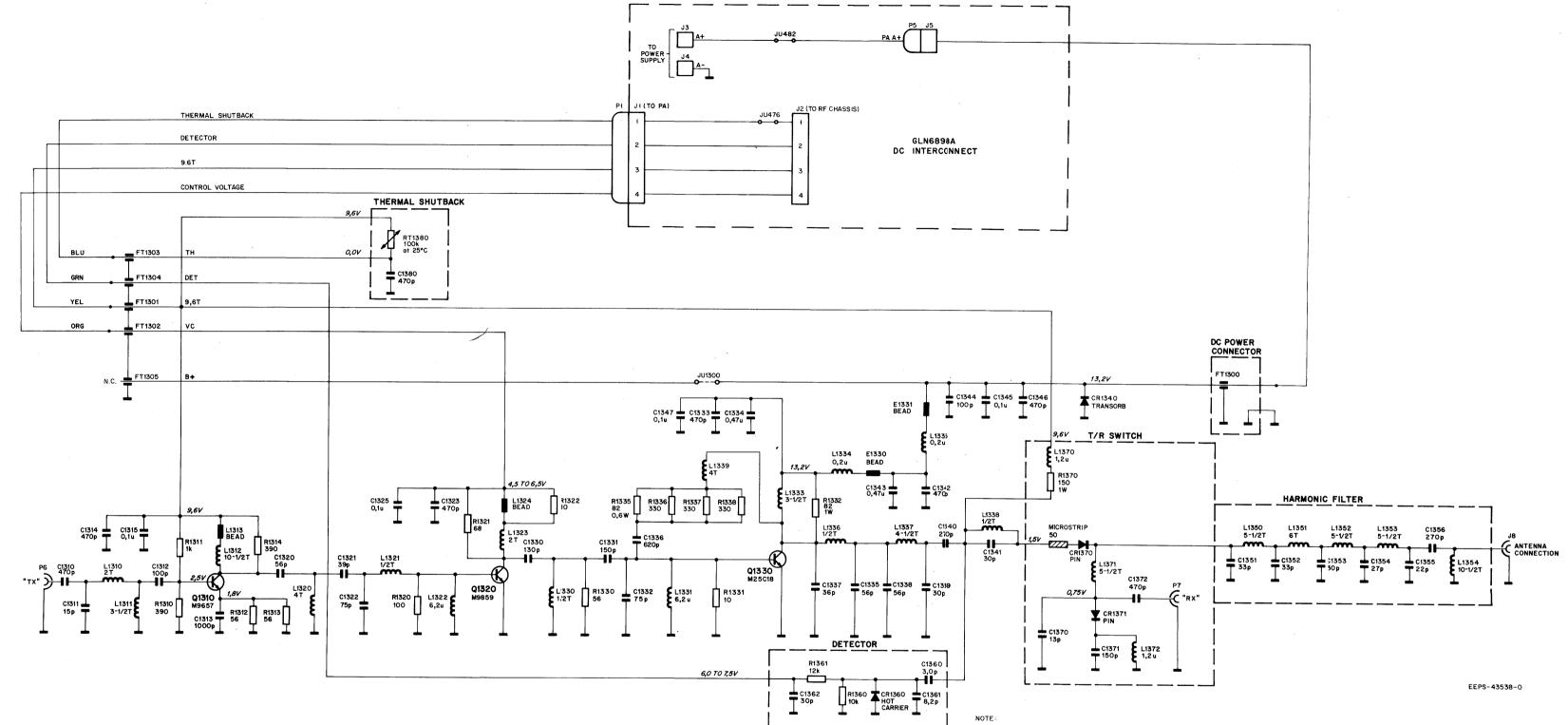
 OVERLAY
 DEPS - 43314 - 0



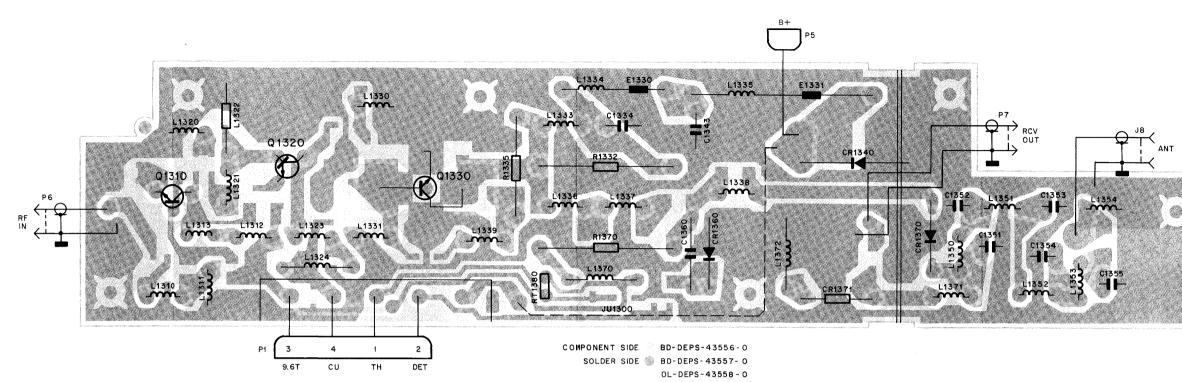
SOLDER SIDE 💮 🕈 COMPONENT SIDE OVERLAY

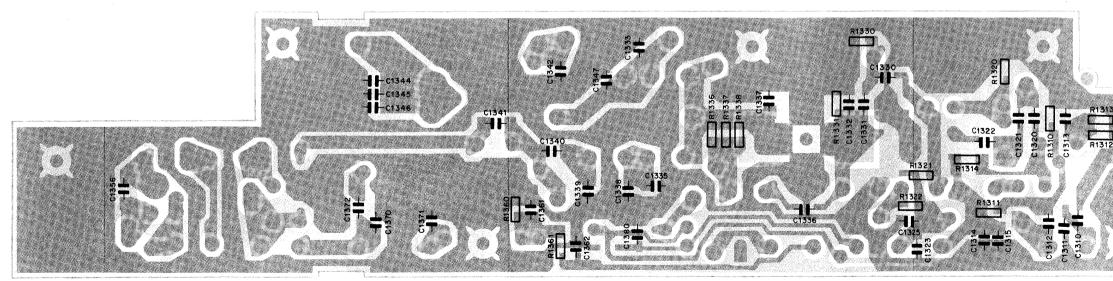
DEPS-43312- 0 (REVERSED)
 DEPS-43313-0 (REVERSED)
 DEPS-43315-0

MC compact Base/Repeater Station GLD6179A & GLD6180A Transmitter Board (136 - 174 MHz) Circuit Board Details



MC compact Base/Repeater Station GLD6185A 10W Power Amplifier (136 - 174 MHz) Schematic Diagram VOLTAGES ARE DC VOLTS MEASURED UNDER NOMINAL TRANSMIT CONDITIONS WITH 10 WATTS OUTPUT.





 COMPONENT
 SIDE
 BD - DEPS - 43556-0 (REV)

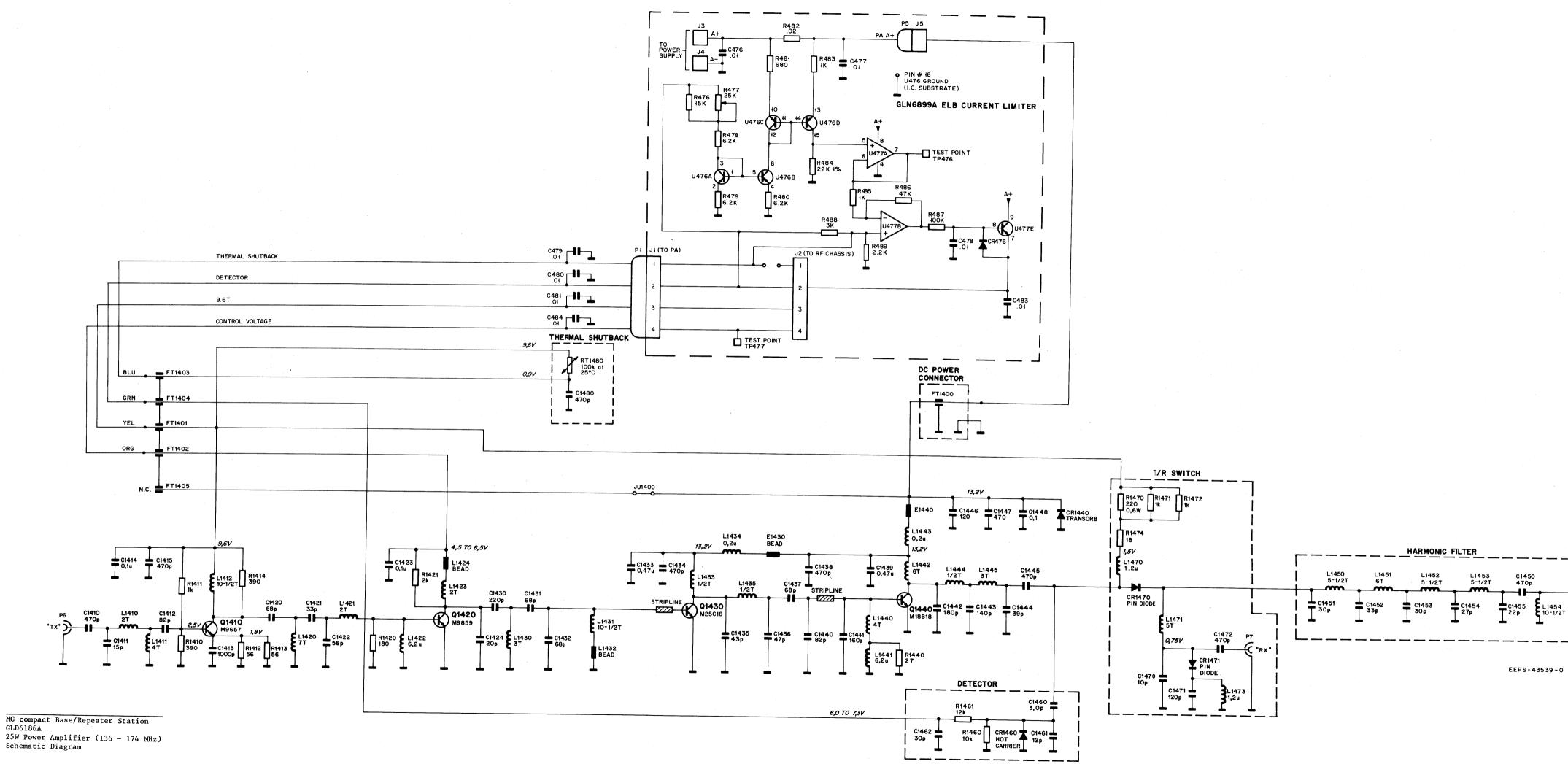
 SOLDER
 SIDE
 BD - DEPS - 43557-0 (REV)

 OL- DEPS - 43559-0
 OL- DEPS - 43559-0





MC compact Base/Repeater Station GLD6185A 10W Power Amplifier (136 - 174 MHz) Circuit Board Details

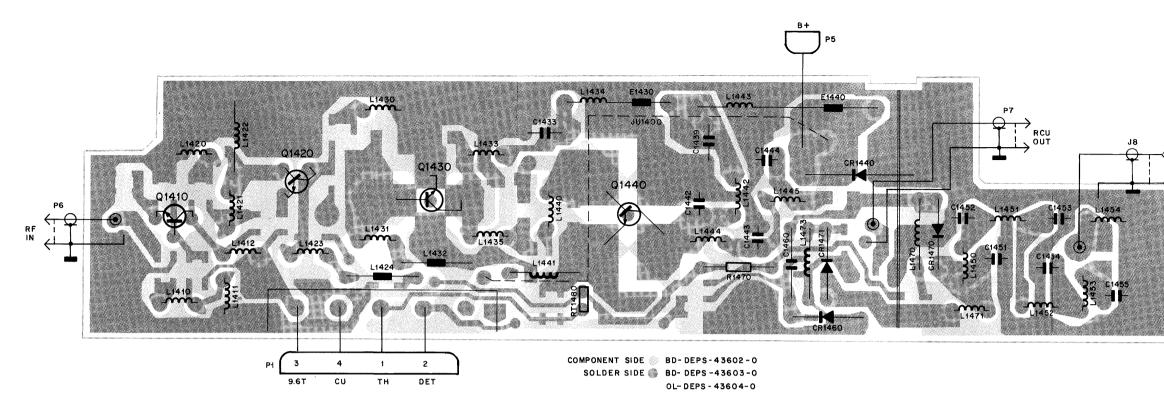


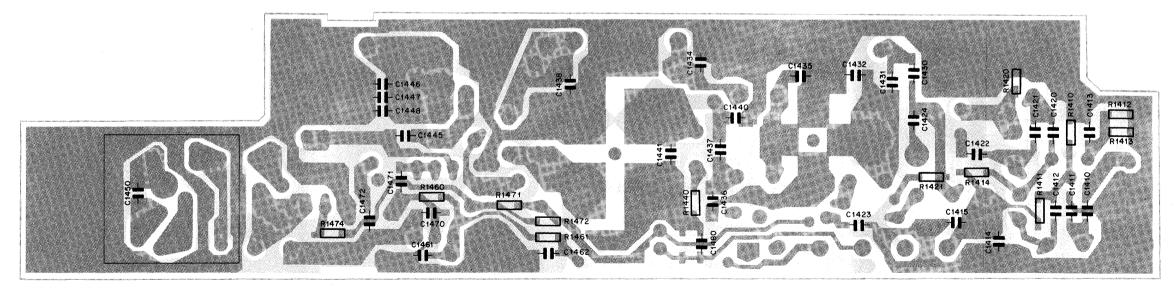
MC compact Base/Repeater Station GLD6186A 25W Power Amplifier (136 - 174 MHz)

NOTE:

VOLTAGES ARE DC VOLTS MEASURED UNDER Nominal transmit conditions with 25 watts output.

JB

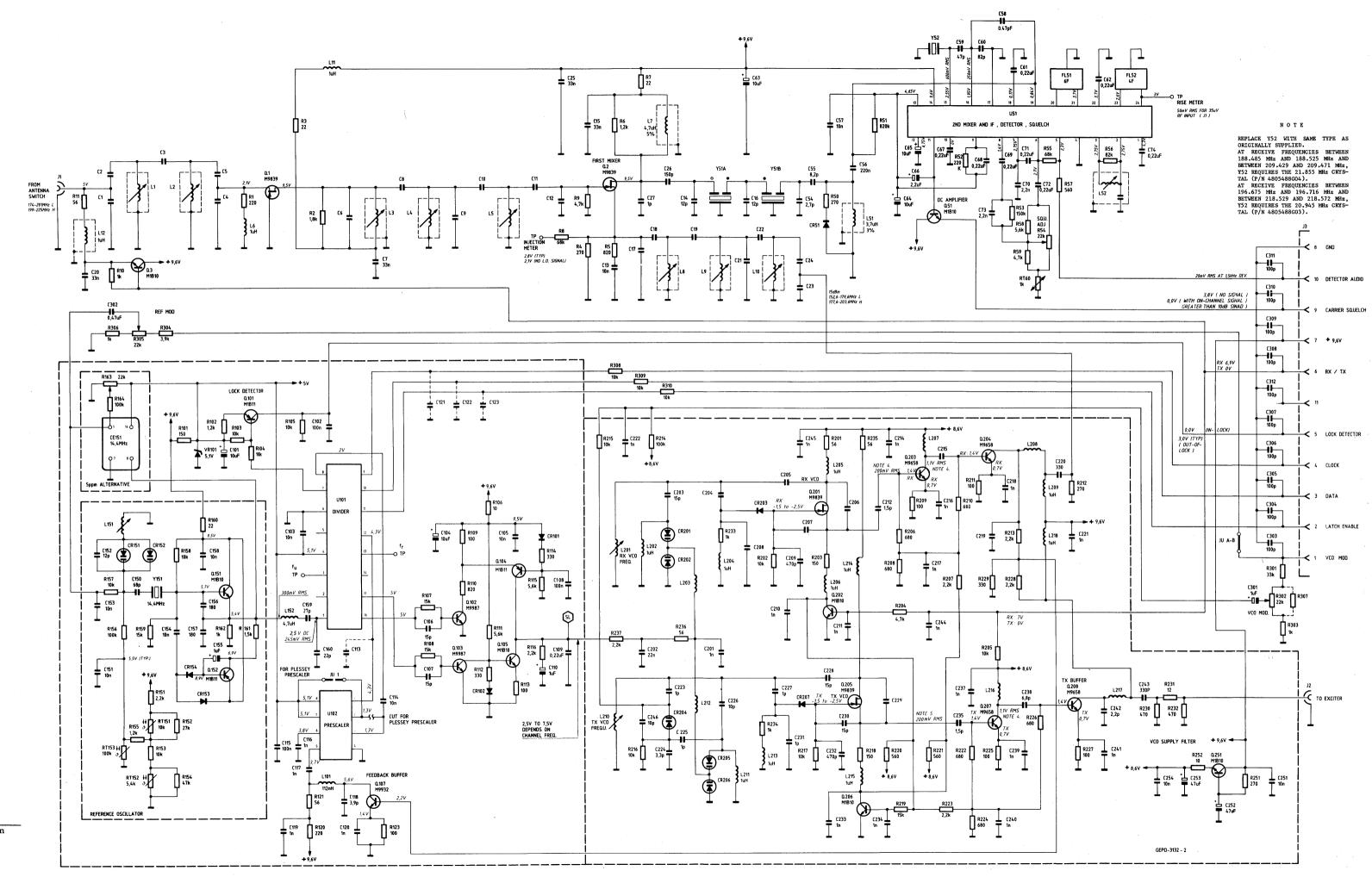




COMPONENT SIDE BD-DEPS-43602-0 (REV) SOLDER SIDE BD-DEPS-43603-0 (REV) OL-DEPS-43605-0



MC compact Base/Repeater Station GLD6186A 25W Power Amplifier (136 - 174 MHz) Circuit Board Details

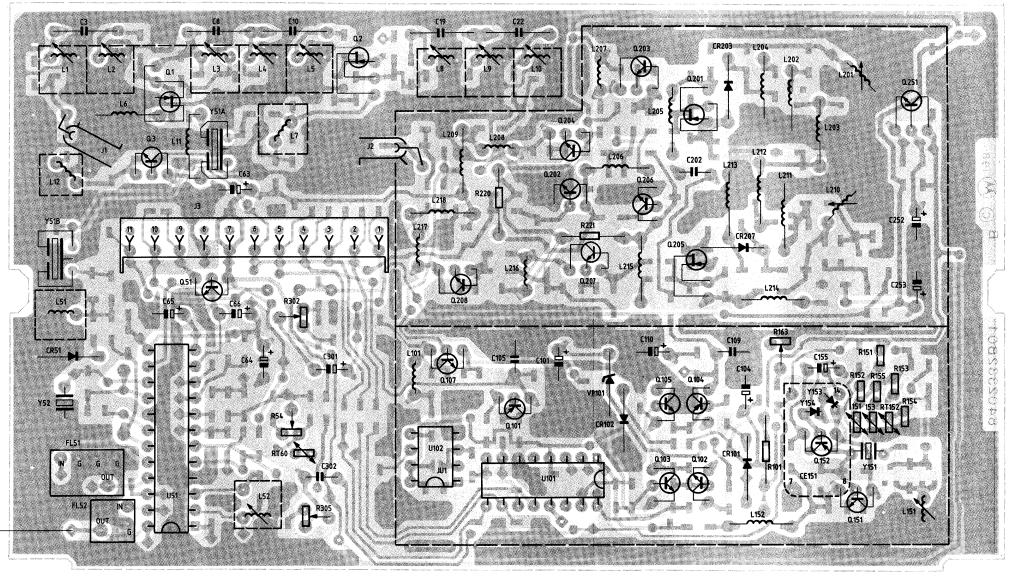


MC compact Base/Repeater Station GLD6171A & GLD6172A RF Board (174 - 225 MHz) Schematic Diagram

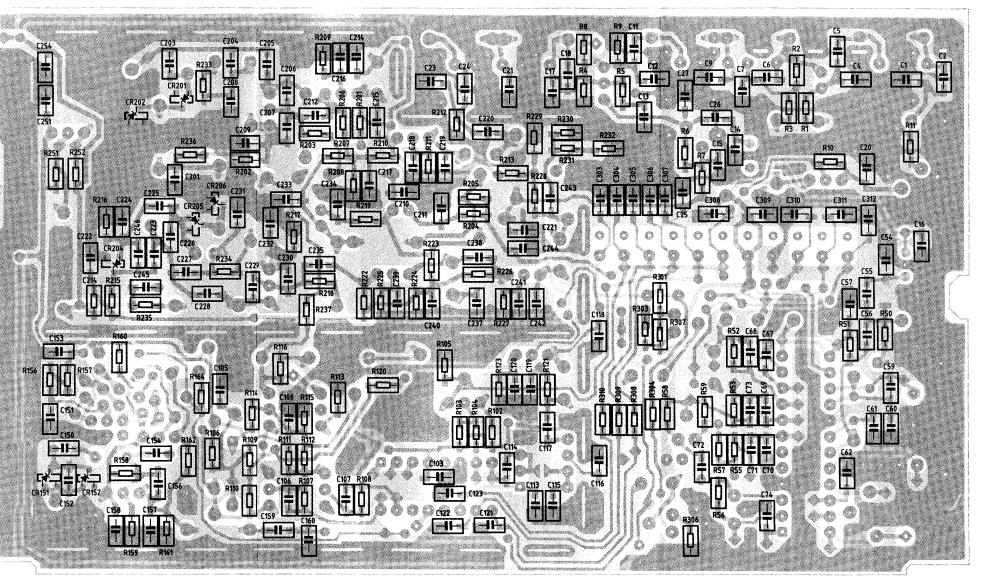
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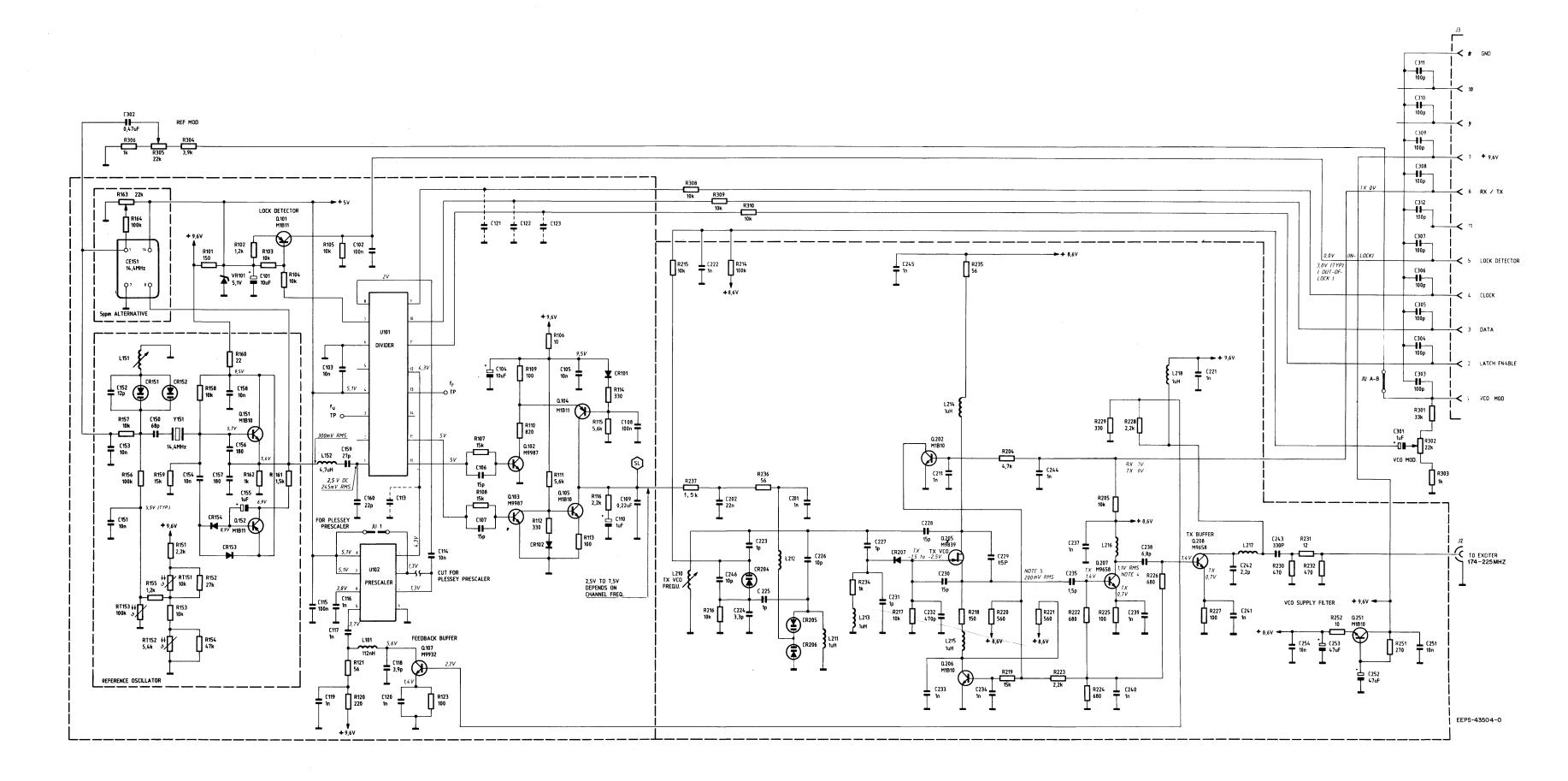


- SOLDER SIDE GEPD-3297
- COMPONENT SIDE GEPD-3296
   COMPONENT OVERLAY GEPD-3299

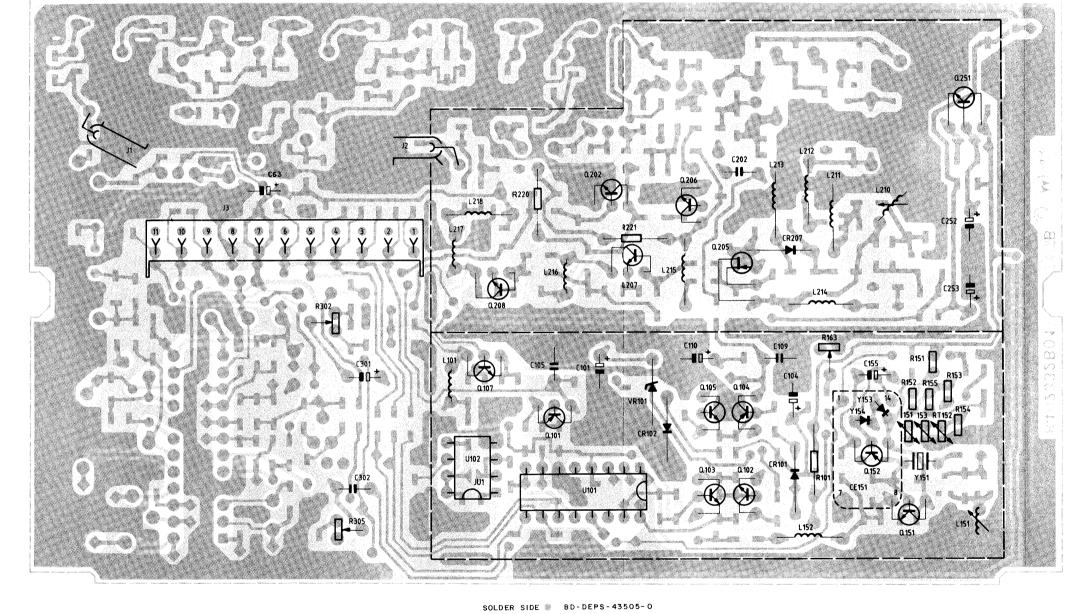


$\otimes$	SOLDER SIDE	GEPD-3297	(REV)
	COMPONENT SIDE	GEPD-3296	(REV)
٠	CHIP COMPONENT OVERLAY	GEPD-3298	

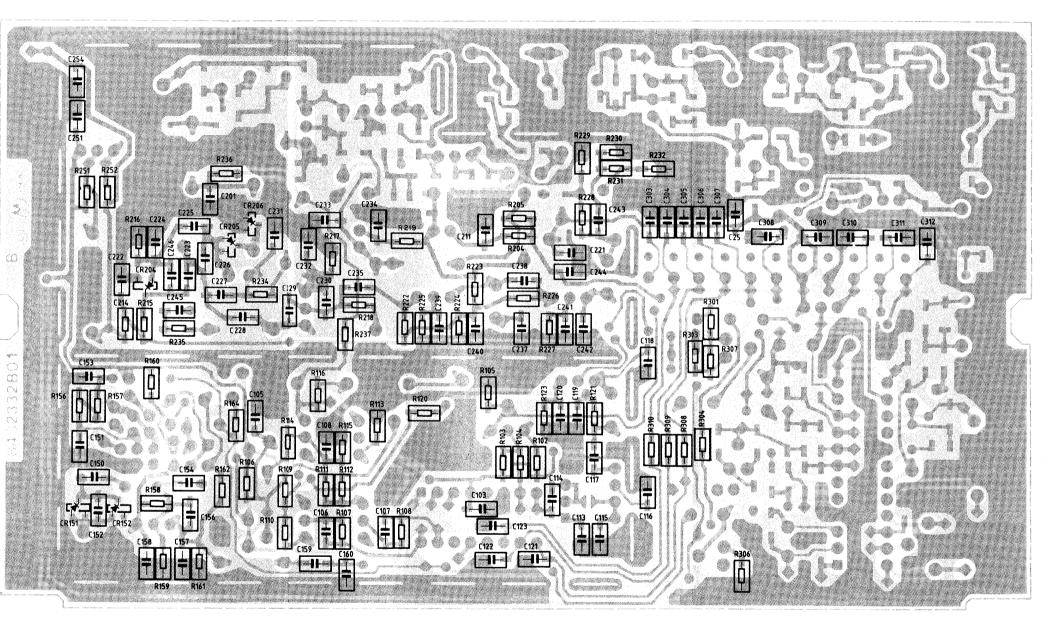
MC compact Base/Repeater Station GLD6171A & GLD6172A RF Board (174 - 225 MHz) Circuit Board Details



MC compact Base/Repeater Station GLD6183A Transmitter Board (174 - 225 MHz) Schematic Diagram

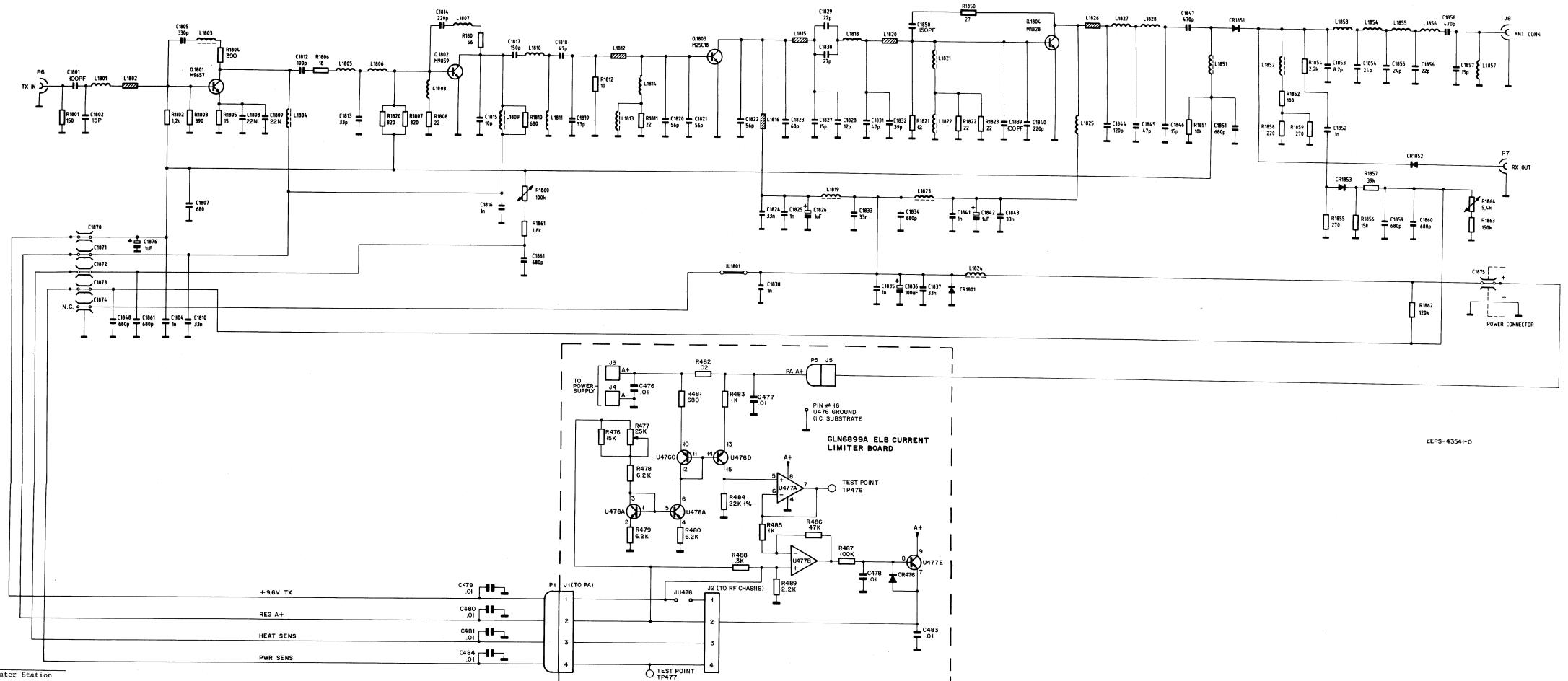


COMPONENT SIDE 🛞 BD-DEPS-43506-0 OVERLAY OL-DEPS-43507-0



SOLDER SIDE () BD-DEPS-43505-0 (REV) COMPONENT SIDE BD-DEPS-43506-0 (REV) CHIP COMPONENT OVERLAY 
OL-DEPS-43508-0

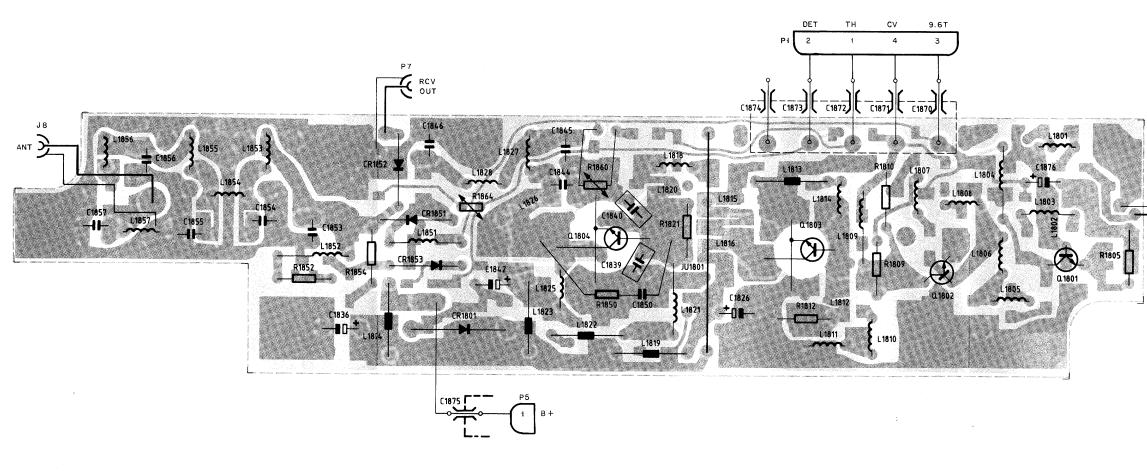
MC compact Base/Repeater Station GLD6183A Transmitter Board (174 - 225 MHz) Circuit Board Details



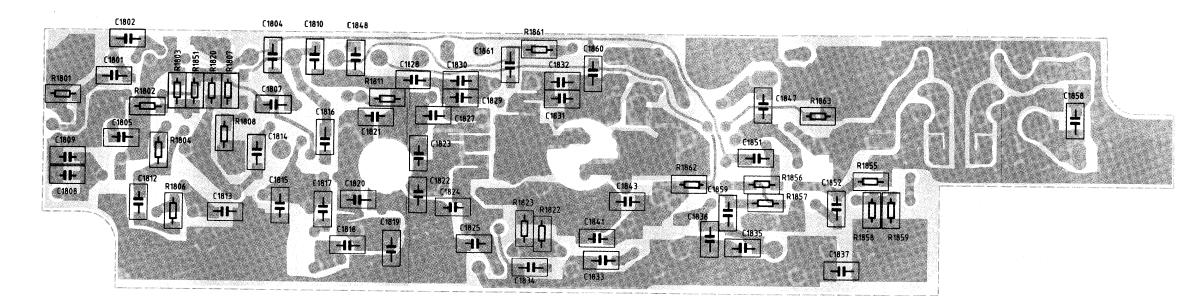
MC compact Base/Repeater Station GLD6190A 25W Power Amplifier (174 - 225 MHz) Schematic Diagram POWER AMPLIFIER

.

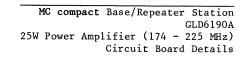
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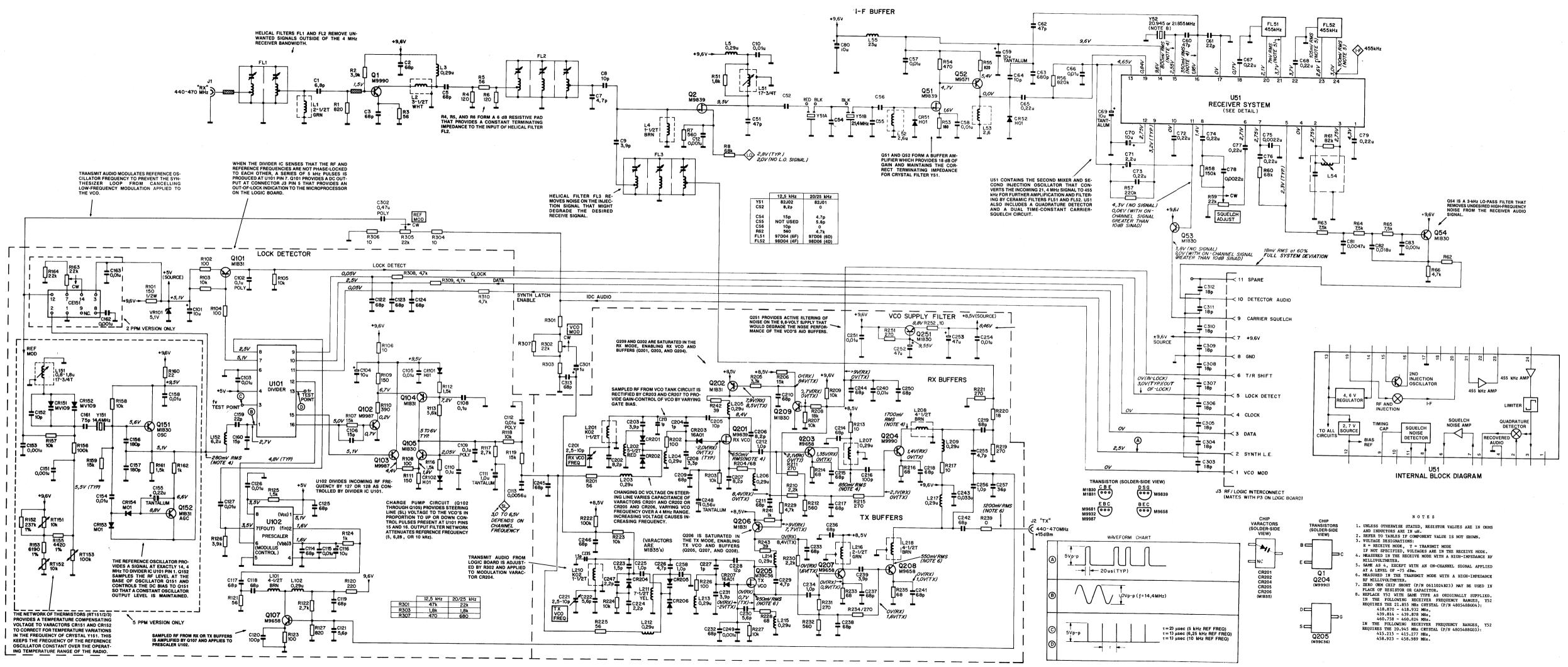


SOLDER SIDE 
BD-DEPS-43606-0
COMPONENT SIDE
BD-DEPS-43607-0
OL-DEPS-43608-0

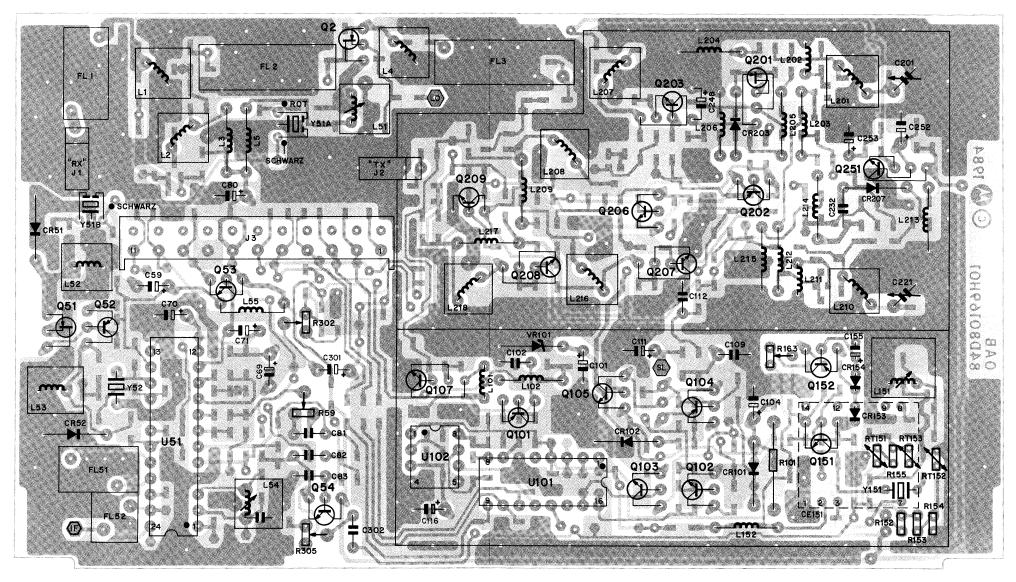


SOLDER SIDE 
BD-DEPS-43606-0 (REV)
COMPONENT SIDE
BD-DEPS-43607-0 (REV)
OL-DEPS-43609-0

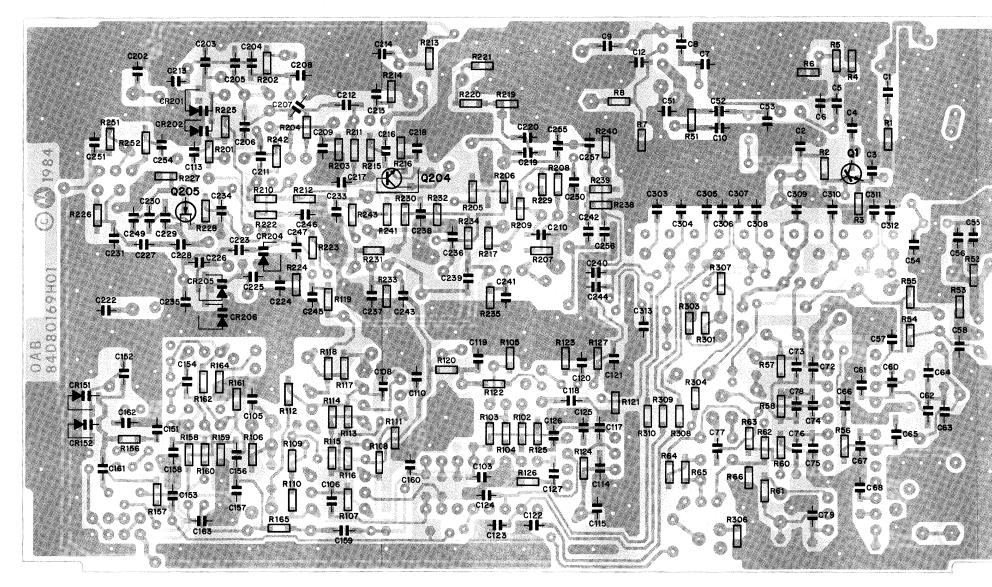




MC compact Base/Repeater Station GLE6140A & GLE6150A Series RF Board (403 - 470 MHz) Schematic Diagram



SOLDER SIDE 💮 GDW-1542-A COMPONENT SIDE 🛞 GDW-1541-A OVERLAY — GDW-1543-A

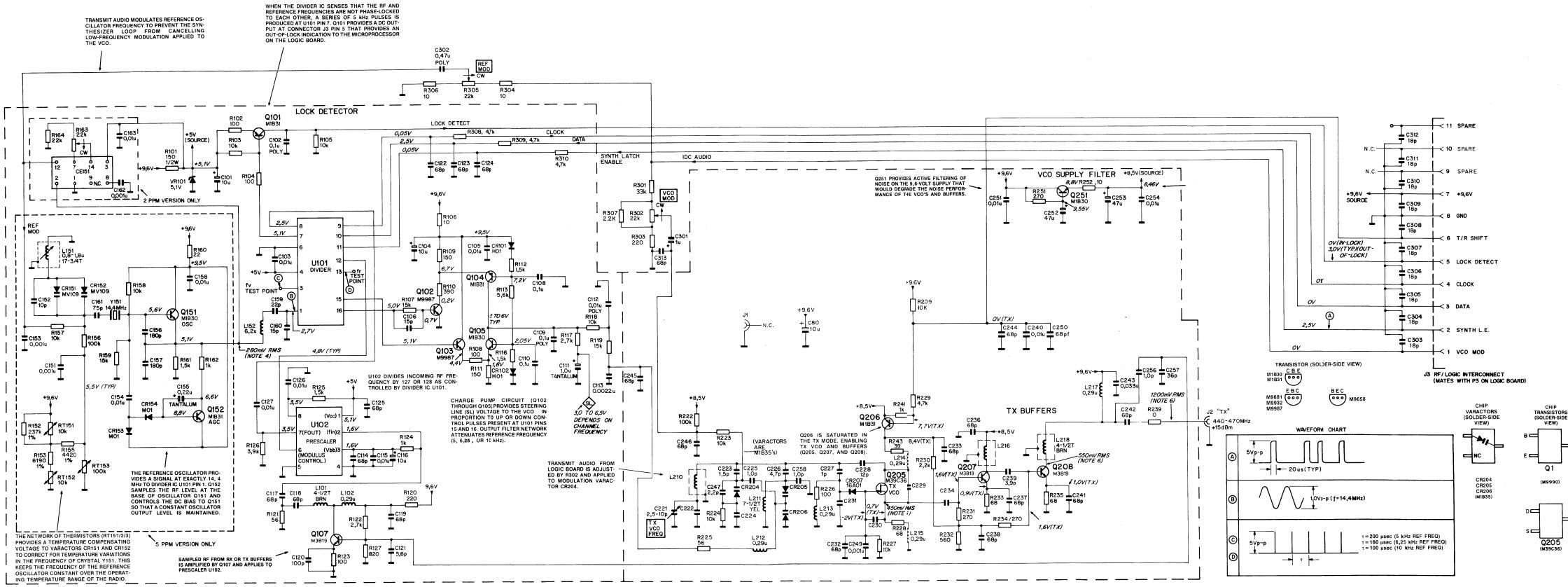


 SOLDER SIDE
 Image: Optimized Component Side
 GDW-1542-A
 (REV)

 COMPONENT SIDE
 GDW-1541-A
 (REV)

 OVERLAY
 GDW-1544-A

MC compact Base/Repeater Station GLE6140A & GLE6150A Series RF Board (403 - 470 MHz) Circuit Board Details



MC compact Base/Repeater Station GLE6174A, GLE6175A, GLE6176A & GLE6177A TX RF Board (403-470 MHz) Schematic Diagram

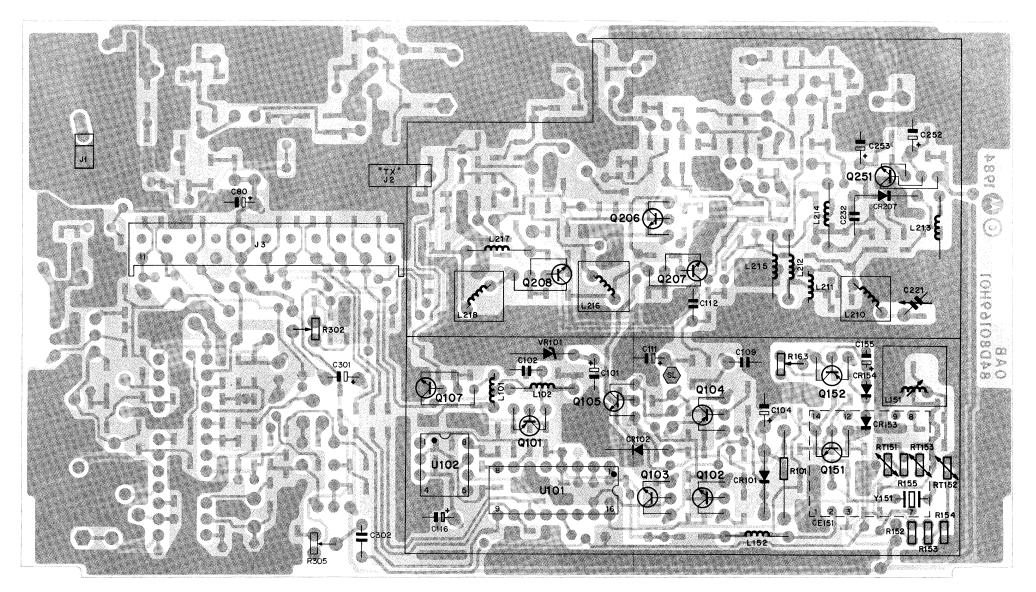
1



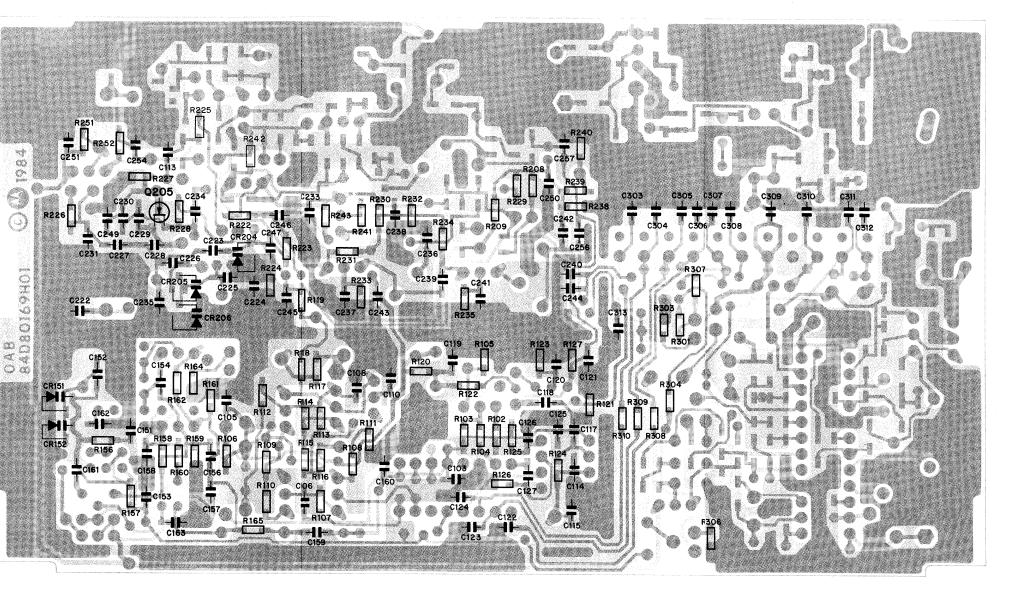
NOTES

- NOTES: 1. UNLESS OTHERWISE SPECIFIED, RESISTOR VALUES ARE IN OHMS, INDUCTORS ARE IN µH. 2. REFER TO TABLES IF COMPONENT VALUE IS NOT
- 3. VOLTAGE DESIGNATIONS:
- TX: TRANSMIT MODE
- 4. NOT USED.
- 5. NOT USED.
- MEASURED IN THE TRANSMIT MODE WITH A HIGH-IMPEDANCE RF MILLIVOLTMETER.
   0-0HM CHIP SHORT (06-11024B23) MAY BE USED IN
- PLACE OF RESISTOR OR CAPACITOR. 8. REPLACE WITH SAME TYPE AS ORIGINALLY SUPPLIED.
- 9. PARTS WITHOUT VALUES SEE PARTS LIST.

EEPS-43524-1

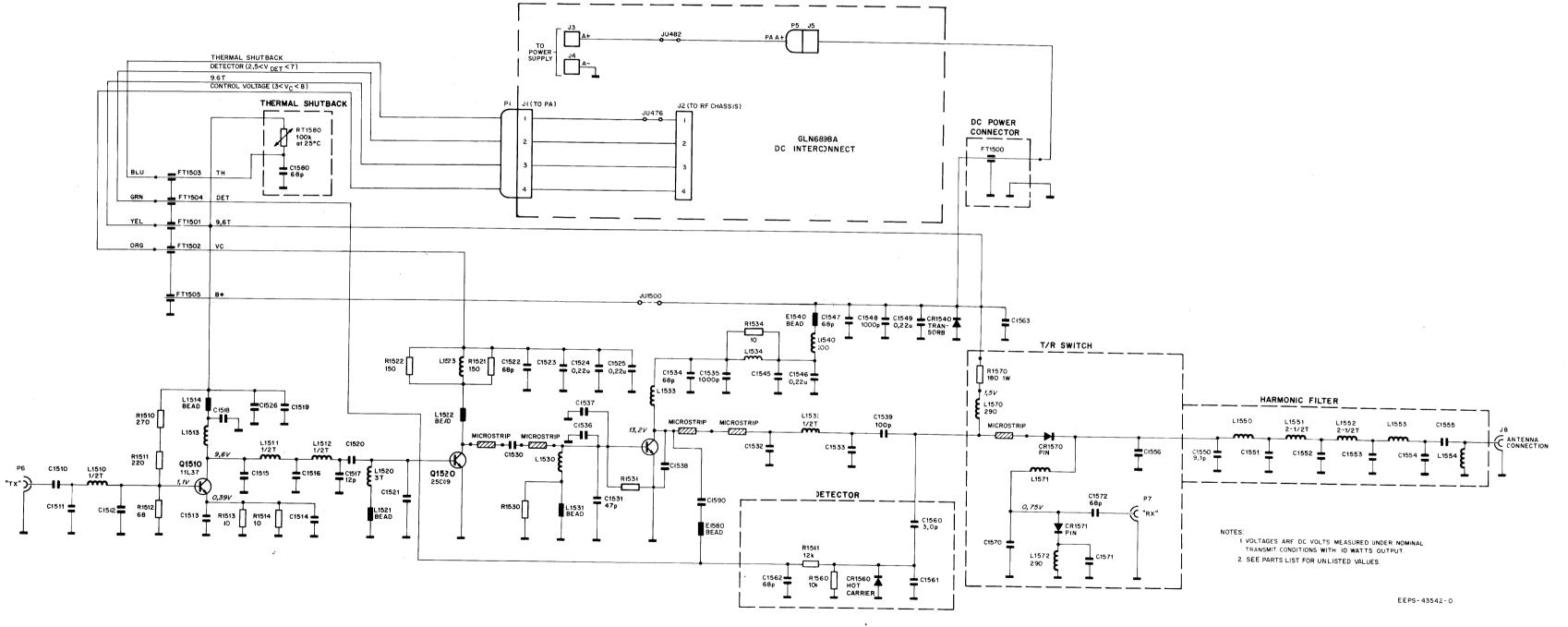


SOLDER SIDE 
BD-DEPS-43525-0
COMPONENT SIDE 
BD-DEPS-43526-0
OL-DEPS-43527-0



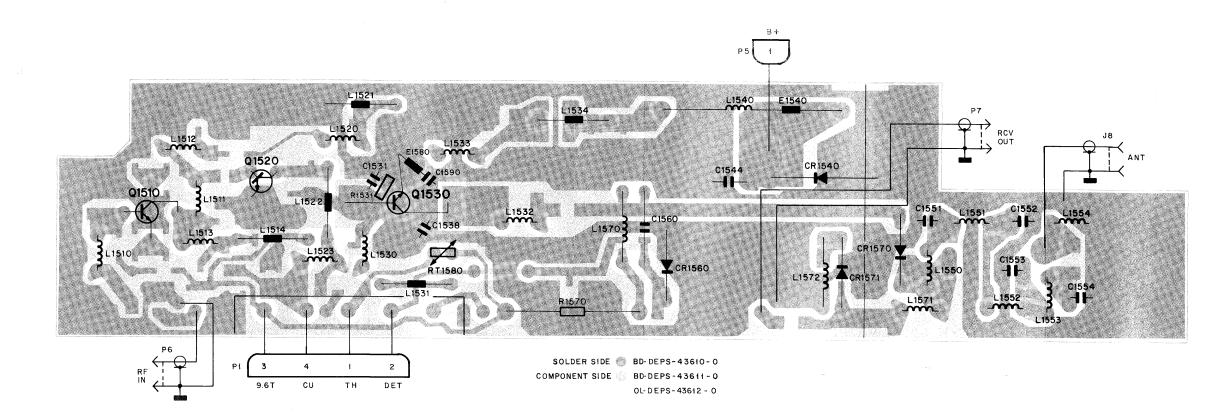
SOLDER SIDE 🍩 BD-DEPS-43525-0 (REV) COMPONENT SIDE 🖥 BD-DEPS-43526-0 (REV) OL-DEPS-43528-0

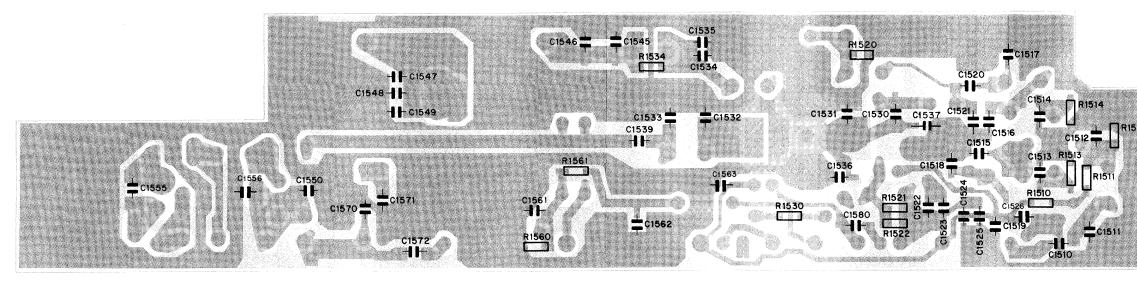
> MC compact Base/Repeater Station GLE6174A, GLE6175A, GLE6176A & GLE6177A TX RF Board (403-470 MHz) Circuit Board Details



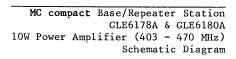
MC compact Base/Repeater Station GLE6178A & GLE6180A 10W Power Amplifier (403 - 470 MHz) Schematic Diagram

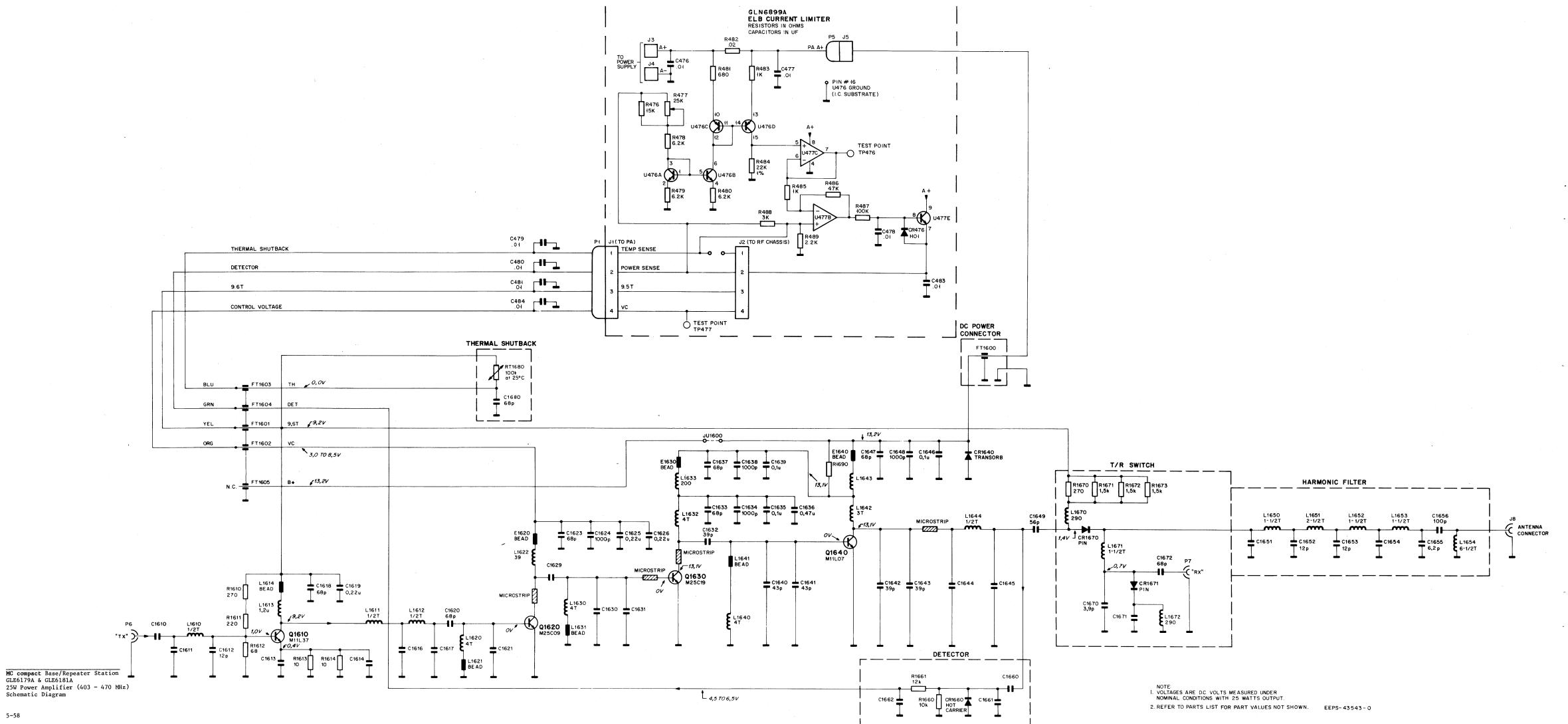
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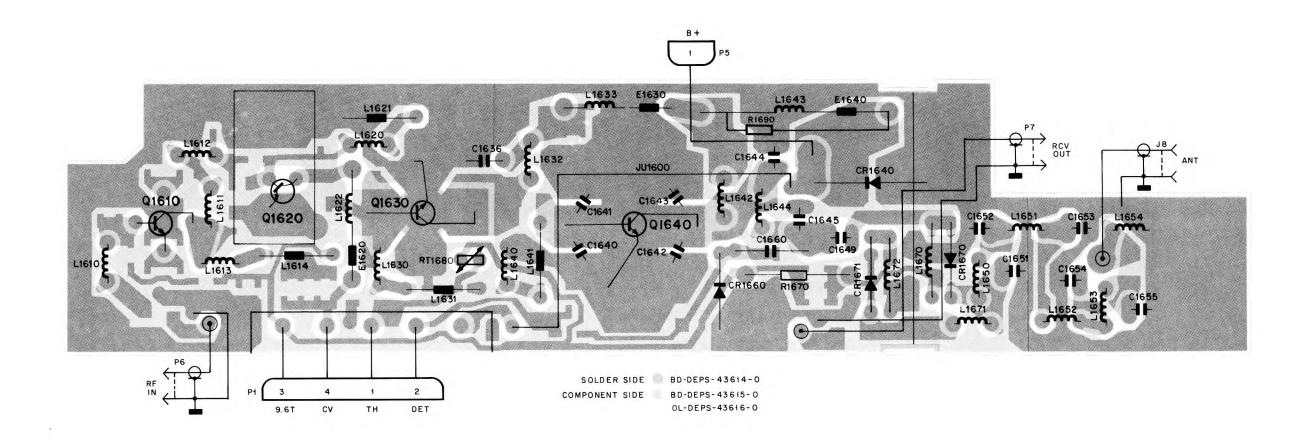


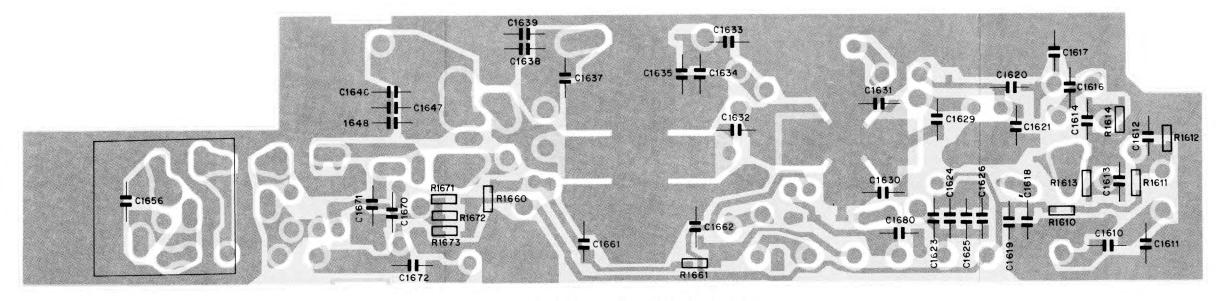


SOLDER SIDE 💮 BD-DEPS-43610-0 (REV) COMPONENT SIDE 💮 BD-DEPS-43611-0 (REV) OL-DEPS-43613-0









 SOLDER SIDE
 BD-DEPS-43614-0 (REV)

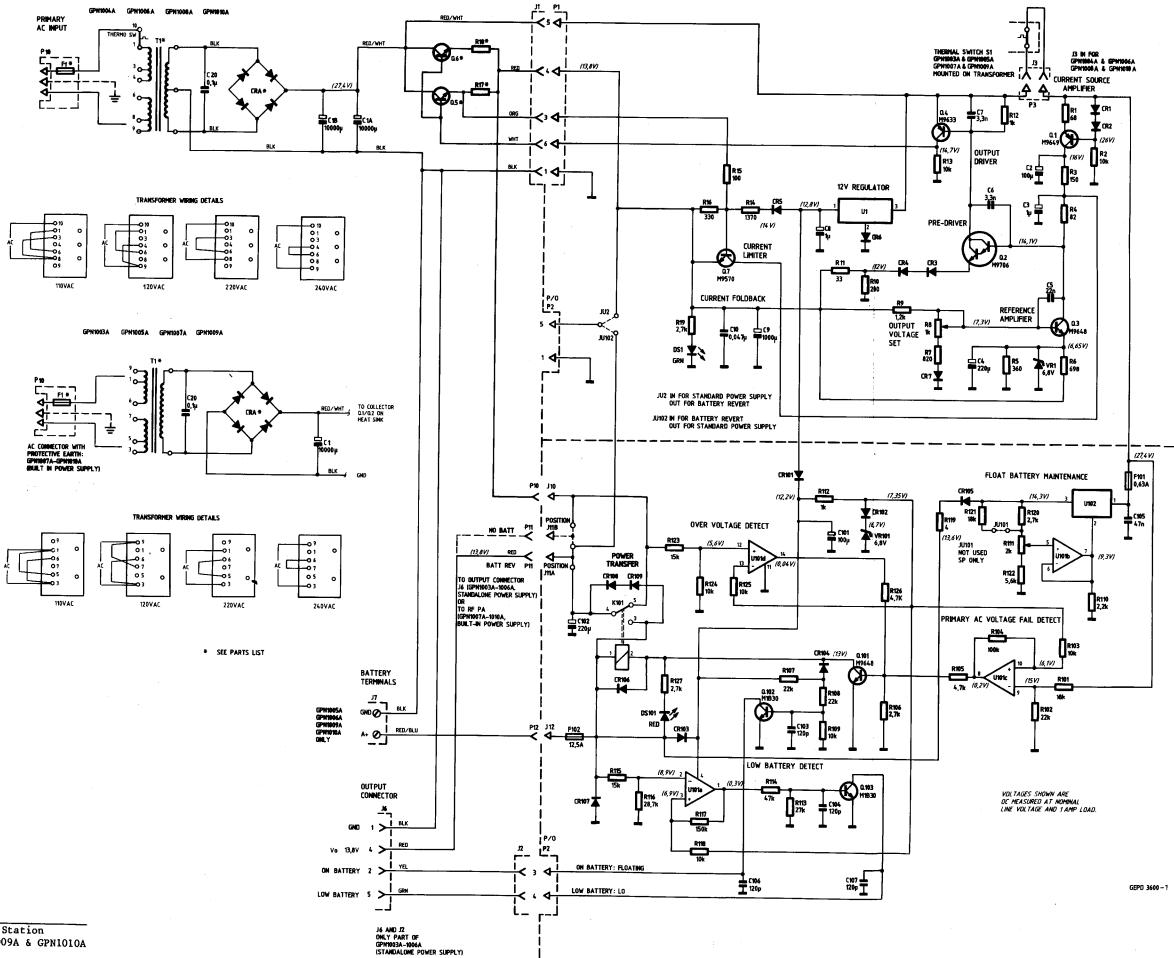
 COMPONENT SIDE
 BD-DEPS-43615-0 (REV)

 OL-DEPS-43617-0

5-59

MC compact Base/Repeater Station GLE6179A & GLE6181A 25W Power Amplifier (403 - 470 MHz) Circuit Board Details

5-59

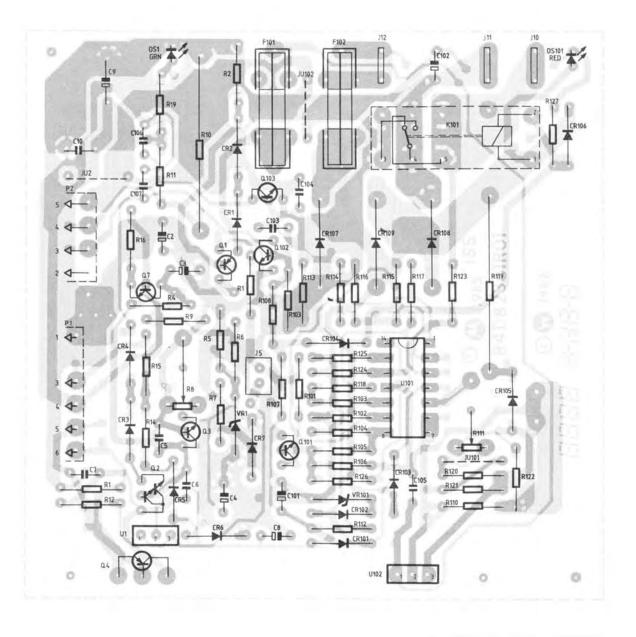


5-60

MC compact Base/Repeater Station GPN1007A, GPN1008A, GPN1009A & GPN1010A Power Supplies Schematic Diagram

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GPN1005A & GPN1006A GPN1009A & GPN1010A (BATTERY REVERT) ONLY



OVERLAY GEPD 3603-1

MC compact Base/Repeater Station GPN1007A, GPN1008A, GPN1009A & GPN1010A Power Supplies Regulator Boards (GLN6779A & GLN6780A)

(The next page is 6-1)

## SECTION 6

## PARTS LISTS

GKN61534	Cable, AC Power w/ U.K.Plug	6-2
CVN6164A	Cable, ETRC Base Station	6-2
GKN0104A	Cable, BIRD Dase Blatton	
GKNOIOJA	Cable, ETRC Repeater Station	6-2
GKN618UA	Cable, AC Power 110/120 V 3-wire	6-2
	Cable, AC Power 110/120 V 2-wire	6-2
GLC6047A	RF Board 66-88 MHz, 20 & 25 kHz Channel Spacing	6-2
GLC6048A	RF Board 66-88 MHz, 12.5 kHz Channel Spacing	6-4
GLC6049A	Transmitter Board 66-88 MHz	6-6
GLC6050	Power Amplifier 10 W 66-88 MHz	6-7
	Power Amplifier 25 W 66-88 MHz	6-8
	RF Board, 25 kHz 136-162 MHz L (10w)	6-9
GLD0100A	RF Board, 25 kHz 146-174 MHz H (high)	6-9
	RF Board, 12.5kHz 136-162 MHz L (10w)	
	RF Board, 12.5kHz 146-174MHz H (high)	
	. RF Board 174-201 MHz	
GLD6172A	RF Board 199-225 MHz	6-15
GLD6177A	RF Hardware Box	6-17
GLD6179A	Transmitter RF Board 136-162 MHz	6-17
	Transmitter RF Board 146-174 MHz	
	Transmitter RF Board 174-225 MHz	
	Power Amplifier 136-174 MHz 10 W	
	Power Amplifier 136-174 MHz 25 W	
	Power Amplifier 174-225 MHz 25 W	
	Low-pass Filter 147-174 MHz Receiver	6-23
	Low-pass Filter 174-225 MHz Receiver	
GLEOI4IA	RF Board 25 kHz 403-433 MHz 5ppm	6-23
GLEOI4ZA	RF Board 25 kHz 438-470 MHz 5ppm	6-25
GLEOI44A	RF Board 25 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 5ppm	
GLE6145A	RF Board 25 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 5ppm	6-30
	RF Board 25 kHz 403-433 MHz 2ppm	
GLE6148A	RF Board 25 kHz 438-470 MHz 2ppm	6-34
	RF Board 25 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm	
GLE6151A	RF Board 25 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm	6-38
GLE6153A	RF Board 12.5 kHz 403-433 MHz 2 ppm	6-40
	RF Board 12.5 kHz 438-470 MHz 2 ppm	6-42
	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm	6-44
GLE6157A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm	6-44 6-46
GLE6157A GLE6174A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm	6-44 6-46 6-48
GLE6157A GLE6174A GLE6176A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm         RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Transmitter RF Board 438-470 MHz 2ppm         Transmitter RF Board 438-470 MHz 2ppm	6-44 6-46 6-48 6-48
GLE6157A GLE6174A GLE6176A GLE6175A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm         RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Transmitter RF Board 438-470 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm	6-44 6-46 6-48 6-48 6-49
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm         RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Transmitter RF Board 438-470 MHz 2ppm         Transmitter RF Board 403-433 MHz 5 ppm         Transmitter RF Board 438-470 MHz 5 ppm	6-44 6-46 6-48 6-48 6-49 6-49
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6178A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm         RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Transmitter RF Board 438-470 MHz 2ppm         Transmitter RF Board 403-433 MHz 5 ppm         Transmitter RF Board 438-470 MHz 5 ppm         Transmitter RF Board 438-470 MHz 5 ppm         Power Amplifier 10 W 403-433 MHz	6-44 6-46 6-48 6-48 6-49 6-49 6-50
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6178A GLE6179A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm Transmitter RF Board 438-470 MHz 2ppm Transmitter RF Board 438-470 MHz 5 ppm Transmitter RF Board 438-470 MHz 5 ppm Power Amplifier 10 W 403-433 MHz Power Amplifier 25 W 403-440 MHz	6-44 6-46 6-48 6-48 6-49 6-49
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6178A GLE6179A GLE6181A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm Transmitter RF Board 438-470 MHz 2ppm Transmitter RF Board 403-433 MHz 5 ppm Transmitter RF Board 438-470 MHz 5 ppm Power Amplifier 10 W 403-433 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 25 W 438-470 MHz	6-44 6-46 6-48 6-48 6-49 6-49 6-50
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6178A GLE6178A GLE6181A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm Transmitter RF Board 438-470 MHz 2ppm Transmitter RF Board 438-470 MHz 5 ppm Transmitter RF Board 438-470 MHz 5 ppm Power Amplifier 10 W 403-433 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 25 W 438-470 MHz Power Amplifier 1-10 W 438-470 MHz	6-44 6-46 6-48 6-48 6-49 6-49 6-50 6-51 6-51 6-52
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6178A GLE6181A GLE6180A GLE6180A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm Transmitter RF Board 438-470 MHz 2ppm Transmitter RF Board 438-470 MHz 5 ppm Power Amplifier 10 W 403-433 MHz 5 ppm Power Amplifier 25 W 403-440 MHz Power Amplifier 25 W 438-470 MHz Power Amplifier 1-10 W 438-470 MHz Filter UHF Receiver Low Pass	6-44 6-48 6-48 6-49 6-49 6-50 6-51 6-51 6-52 6-53
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6177A GLE6181A GLE6180A GLE6182A GLE6182A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm Transmitter RF Board 438-470 MHz 2ppm Transmitter RF Board 438-470 MHz 5 ppm Power Amplifier 10 W 403-433 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 25 W 438-470 MHz Power Amplifier 1-10 W 438-470 MHz Power Amplifier 1-10 W 438-470 MHz TRC Board 1F	6-44 6-48 6-48 6-49 6-49 6-50 6-51 6-51 6-52 6-53
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6177A GLE6181A GLE6180A GLE6182A GLE6182A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm Transmitter RF Board 438-470 MHz 2ppm Transmitter RF Board 438-470 MHz 5 ppm Power Amplifier 10 W 403-433 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 25 W 438-470 MHz Power Amplifier 1-10 W 438-470 MHz Power Amplifier 1-10 W 438-470 MHz TRC Board 1F	6-44 6-48 6-48 6-49 6-49 6-50 6-51 6-51 6-52 6-53
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6178A GLE6181A GLE6180A GLE6182A GLN6767A GLN6768A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm Transmitter RF Board 438-470 MHz 2ppm Transmitter RF Board 403-433 MHz 5 ppm Transmitter RF Board 438-470 MHz 5 ppm Power Amplifier 10 W 403-433 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 1-10 W 438-470 MHz Filter UHF Receiver Low Pass TRC Board 1F TRC Board Fully Optioned	6-44 6-46 6-48 6-49 6-50 6-51 6-51 6-52 6-53 6-53 6-53
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6178A GLE6181A GLE6180A GLE6182A GLE6182A GLN6767A GLN6768A GLN6769A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm Transmitter RF Board 438-470 MHz 2ppm Transmitter RF Board 438-470 MHz 5 ppm Power Amplifier 10 W 403-433 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 1-10 W 438-470 MHz Power Amplifier 1-10 W 438-470 MHz Filter UHF Receiver Low Pass TRC Board 1F TRC Board Fully Optioned Repeater Access Tone Decoder	6-44 6-46 6-48 6-49 6-50 6-51 6-51 6-52 6-53 6-53 6-53
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6178A GLE6181A GLE6180A GLE6180A GLE6182A GLN6767A GLN6769A GLN6770A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm Transmitter RF Board 438-470 MHz 2ppm Transmitter RF Board 403-433 MHz 5 ppm Transmitter RF Board 438-470 MHz 5 ppm Power Amplifier 10 W 403-433 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 1-10 W 438-470 MHz Filter UHF Receiver Low Pass TRC Board 1F TRC Board Fully Optioned	6-44 6-46 6-48 6-49 6-49 6-50 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-57
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6178A GLE6181A GLE6181A GLE6182A GLN6767A GLN6768A GLN6769A GLN6770A GLN6808A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm Transmitter RF Board 438-470 MHz 2ppm Transmitter RF Board 438-470 MHz 5 ppm Power Amplifier 10 W 403-433 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 25 W 438-470 MHz Power Amplifier 1-10 W 438-470 MHz Filter UHF Receiver Low Pass TRC Board 1F Repeater Access Tone Decoder Chassis Hardware	6-44 6-46 6-48 6-49 6-50 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-58
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6178A GLE6181A GLE6181A GLE6182A GLN6767A GLN6768A GLN6769A GLN67808A GLN6808A GLN6809A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm Transmitter RF Board 438-470 MHz 2ppm Transmitter RF Board 438-470 MHz 5 ppm Power Amplifier 10 W 403-433 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 1-10 W 438-470 MHz Filter UHF Receiver Low Pass TRC Board 1F Repeater Access Tone Decoder Repeater Hardware Chassis Hardware	6-44 6-46 6-48 6-49 6-49 6-50 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-57 6-58
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6178A GLE6180A GLE6180A GLE6180A GLE6182A GLN6767A GLN6768A GLN6769A GLN6808A GLN6808A GLN6809A GLN6810A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm Transmitter RF Board 403-433 MHz 2ppm Transmitter RF Board 438-470 MHz 2ppm Transmitter RF Board 438-470 MHz 5 ppm Power Amplifier 10 W 403-433 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 25 W 403-440 MHz Power Amplifier 1-10 W 438-470 MHz Power Amplifier 1-10 W 438-470 MHz Filter UHF Receiver Low Pass TRC Board 1F TRC Board Fully Optioned Repeater Access Tone Decoder Repeater Hardware Chassis Hardware Receiver Command Board	6-44 6-48 6-48 6-49 6-50 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-55 6-58 6-58 6-58 6-58 6-58 6-58 6-50
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GLE6157A GLE6176A GLE6176A GLE6177A GLE6177A GLE6178A GLE6181A GLE6180A GLE6180A GLE6180A GLE6180A GLE6767A GLN6768A GLN6769A GLN6809A GLN6810A GLN6811A GLN6812A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppmRF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppmTransmitter RF Board 403-433 MHz 2ppmTransmitter RF Board 438-470 MHz 2ppmTransmitter RF Board 438-470 MHz 5 ppmTransmitter RF Board 438-470 MHz 5 ppmPower Amplifier 10 W 403-433 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 1-10 W 438-470 MHzPower Amplifier 1-10 W 438-470 MHzFilter UHF Receiver Low PassTRC Board 1FTRC Board 1FTransceiver Command BoardReceiver Command BoardRass Station HardwareBase Station Hardware	6-44 6-48 6-48 6-49 6-50 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-58 6-58 6-60 6-61 6-62
GLE6157A GLE6176A GLE6176A GLE6177A GLE6177A GLE6178A GLE6181A GLE6181A GLE6182A GLN6767A GLN6769A GLN6769A GLN6809A GLN6810A GLN6810A GLN6811A GLN6812A GLN6815A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppmRF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppmTransmitter RF Board 403-433 MHz 2ppmTransmitter RF Board 438-470 MHz 2ppmTransmitter RF Board 438-470 MHz 5 ppmTransmitter RF Board 438-470 MHz 5 ppmPower Amplifier 10 W 403-433 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 1-10 W 438-470 MHzPower Amplifier 1-10 W 438-470 MHzFilter UHF Receiver Low PassTRC Board 1FTRC Board 1FTransceiver Command BoardReceiver Command BoardTransmitter Command BoardBase Station HardwareOmit Wireline Control TRC Board	6-44 6-48 6-48 6-49 6-59 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-58 6-58 6-60 6-61 6-62 6-63
GLE6157A GLE6176A GLE6176A GLE6177A GLE6177A GLE6178A GLE6181A GLE6180A GLE6180A GLE6182A GLN6767A GLN6768A GLN6769A GLN6809A GLN6810A GLN6810A GLN6811A GLN6815A GLN6815A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppmRF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppmTransmitter RF Board 403-433 MHz 2ppmTransmitter RF Board 438-470 MHz 2ppmTransmitter RF Board 438-470 MHz 5 ppmTransmitter RF Board 438-470 MHz 5 ppmPower Amplifier 10 W 403-433 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 1-10 W 438-470 MHzPower Amplifier 1-10 W 438-470 MHzFilter UHF Receiver Low PassTRC Board 1FTRC Board Fully OptionedRepeater Access Tone DecoderRepeater Access Tone DecoderTranscitter Command BoardTransmitter Command BoardMasse Station HardwareOmit Wireline Control TRC BoardWall Mounting Hardware	6-44 6-48 6-48 6-49 6-50 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-53 6-58 6-58 6-60 6-61 6-62 6-63 6-64
GLE6157A GLE6176A GLE6176A GLE6175A GLE6177A GLE6177A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6767A GLN6768A GLN6808A GLN6810A GLN6810A GLN6815A GLN6815A GLN6861A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppmRF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppmTransmitter RF Board 403-433 MHz 2ppmTransmitter RF Board 438-470 MHz 2ppmTransmitter RF Board 438-470 MHz 5 ppmTransmitter RF Board 438-470 MHz 5 ppmPower Amplifier 10 W 403-433 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 1-10 W 438-470 MHzPower Amplifier 1-10 W 438-470 MHzFilter UHF Receiver Low PassTRC Board 1FTransceiver Command BoardRepeater HardwareChassis HardwareChassit HardwareComit Wireline Control TRC BoardWall Mounting HardwareEnhanced TRC BoardMathematicCont WareCont WareCont Repeater AccessTransmitter Command BoardTransmitter Command BoardBase Station HardwareCont Wireline Control TRC BoardWall Mounting HardwareEnhanced TRC Board	6-44 6-48 6-48 6-49 6-50 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-58 6-58 6-58 6-601 6-62 6-64 6-64
GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6177A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6767A GLN6768A GLN6808A GLN6808A GLN6810A GLN6812A GLN6815A GLN6878A GLN6878A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppmRF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppmTransmitter RF Board 403-433 MHz 2ppmTransmitter RF Board 438-470 MHz 2ppmTransmitter RF Board 438-470 MHz 5 ppmTransmitter RF Board 438-470 MHz 5 ppmPower Amplifier 10 W 403-433 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 1-10 W 438-470 MHzPower Amplifier 1-10 W 438-470 MHzFilter UHF Receiver Low PassTRC Board 1FTransceiver Command BoardRepeater HardwareChassis HardwareChassit HardwareComit Wireline Control TRC BoardBase Station HardwareComit Wireline Control TRC BoardBase Station EEPROM Kit	6-44 6-48 6-48 6-49 6-50 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-58 6-58 6-61 6-62 6-64 6-64 6-64 6-64
GLE6157A GLE6176A GLE6176A GLE6177A GLE6177A GLE6177A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLN6767A GLN6768A GLN6808A GLN6810A GLN6811A GLN6815A GLN6815A GLN6878A GLN6878A GLN6879A GLN6879A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppmRF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppmTransmitter RF Board 403-433 MHz 2ppmTransmitter RF Board 438-470 MHz 2ppmTransmitter RF Board 438-470 MHz 5 ppmTransmitter RF Board 438-470 MHz 5 ppmPower Amplifier 10 W 403-433 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 1-10 W 438-470 MHzPower Amplifier 1-10 W 438-470 MHzFilter UHF Receiver Low PassTRC Board 1FTransceiver Command BoardRepeater HardwareChassis HardwareChassis HardwareComit Wireline Control TRC BoardBase Station HardwareComit Wireline Control TRC BoardBase Station EEPROM Kit	6-44 6-48 6-48 6-49 6-50 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-58 6-58 6-60 6-61 6-62 6-64 6-64 6-64 6-66
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GLE6157A GLE6174A GLE6176A GLE6175A GLE6177A GLE6178A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6808A GLE6808A GLE6810A GLE6814A GLE6815A GLE6878A GLE6878A GLE6878A GLE6880A GLE6880A GLE6881A GLE6881A GLE6880A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppmRF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppmTransmitter RF Board 403-433 MHz 2ppmTransmitter RF Board 403-433 MHz 5 ppmTransmitter RF Board 403-433 MHz 5 ppmPower Amplifier 10 W 403-433 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 25 W 403-440 MHzPower Amplifier 1-10 W 438-470 MHzPower Amplifier 1-10 W 438-470 MHzFilter UHF Receiver Low PassTRC Board IFTranscitter Command BoardRepeater Access Tone DecoderReceiver Command BoardReceiver Command BoardBase Station HardwareOmit Wireline Control TRC BoardWall Mounting HardwareEnhanced TRC BoardBase Station EEPROM KitRepeater EEPROM KitRepeater EEPROM KitRepeater Code Plug10 W DC interconnect Board	6-44 6-48 6-48 6-49 6-50 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-56 6-60 6-64 6-64 6-66 6-66 6-66 6-66
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GLE6157A GLE6176A GLE6176A GLE6177A GLE6177A GLE6178A GLE6178A GLE6180A GLE6180A GLE6180A GLE6182A GLN6767A GLN6767A GLN6768A GLN6808A GLN6809A GLN6815A GLN6878A GLN6881A GLN6881A GLN6881A GLN6881A GLN6880A GLN6880A GLN6880A GLN6880A GLN6880A GLN6880A GLN6880A GLN6880A GLN6880A GLN6880A GLN6880A GLN6880A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm         RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 5 ppm         Transmitter RF Board 403-433 MHz         Power Amplifier 10 W 403-433 MHz         Power Amplifier 25 W 403-440 MHz         Power Amplifier 25 W 403-440 MHz         Power Amplifier 1-10 W 438-470 MHz         Filter UHF Receiver Low Pass         TRC Board Fully Optioned         Repeater Access Tone Decoder         Repeater Hardware         Chassis Hardware         Chassis Hardware         Omit Wireline Control TRC Board         Mall Mounting Hardware         Enhanced TRC Board         Mall Mounting Hardware         Enhanced TRC Board         Base Station EEPROM Kit         Repeater EEPROM Kit         RAT Decoder Code Plug         10 W DC	6-44 6-48 6-48 6-49 6-50 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-58 6-61 6-64 6-64 6-66
GLE6157A GLE6176A GLE6176A GLE6177A GLE6177A GLE6177A GLE6178A GLE6180A GLE6180A GLE6180A GLE6180A GLE6182A GLN6767A GLN6767A GLN6768A GLN6809A GLN6810A GLN6810A GLN6810A GLN6817A GLN6878A GLN6878A GLN6878A GLN6888A GLN6898A GLN6898A GLN6898A GLN6890A GLN6900A GLN6901A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm         RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Power Amplifier 10 W 403-433 MHz         Power Amplifier 25 W 403-440 MHz         Power Amplifier 25 W 403-440 MHz         Power Amplifier 1-10 W 438-470 MHz         Power Amplifier 25 W 438-470 MHz         Power Amplifier 1-10 W 438-470 MHz         Power Amplifier 1-10 W 438-470 MHz         Priter UHF Receiver Low Pass         TRC Board 1F         Transmitter Command Board         Repeater Hardware         Chassis Hardware         Transmitter Command Board         Base Station Hardware         Omit Wireline Control TRC Board         Wall Mounting Hardware         Enhanced TRC Board         Base Station EEPROM Kit         RAT Decoder Code Plug     <	6-44 6-48 6-48 6-49 6-50 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-56 6-61 6-64 6-66
GLE6157A GLE6176A GLE6176A GLE6177A GLE6177A GLE6177A GLE6177A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6182A GLN6767A GLN6767A GLN6809A GLN6810A GLN6810A GLN6810A GLN6810A GLN6817A GLN6878A GLN6878A GLN6878A GLN6878A GLN6898A GLN6898A GLN6899A GLN6900A GLN6901A GLN6904A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm         RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 5 ppm         Transmitter RF Board 438-470 MHz 5 ppm         Power Amplifier 10 W 403-433 MHz         Power Amplifier 25 W 403-440 MHz         Power Amplifier 25 W 438-470 MHz         Power Amplifier 1-10 W 438-470 MHz         Power Amplifier 15 W 438-470 MHz         Power Amplifier 1-10 W 438-470 MHz         Power Amplifier 10 W 438-470 MHz         Power Amplifier 1-10 W 438-470 MHz         Power Amplifier 10 W 438-470 MHz         Filter UHF Receiver Low Pass         TRC Board 1F         TC Board Fully Optioned         Repeater Access Tome Decoder         Repeater Hardware         Chassis Hardware         Transceiver Command Board         Base Station Hardware         Omit Wireline Control TRC Board         Wall Mounting Hardware         Enhanced TRC Board         Base Station EEPROM Kit         Repeater EEPROM Kit         Repeater EEPROM Kit         Repeater EEPROM Kit         Repeater EEPROM Kit         Report Code Plug	6-44 6-48 6-48 6-49 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-54 6-64 6-66
GLE6157A GLE6176A GLE6176A GLE6177A GLE6177A GLE6177A GLE6178A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6767A GLN6768A GLN6809A GLN6810A GLN6810A GLN6810A GLN6810A GLN6810A GLN6878A GLN6878A GLN6878A GLN6878A GLN6898A GLN6898A GLN6899A GLN6900A GLN6900A GLN6904A GLN6905A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm         RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 5 ppm         Transmitter RF Board 438-470 MHz 5 ppm         Power Amplifier 10 W 403-433 MHz         Power Amplifier 25 W 403-440 MHz         Power Amplifier 1-10 W 438-470 MHz         Filter UHF Receiver Low Pass         TRC Board Fully Optioned         Repeater Access Tone Decoder         Repeater Hardware         Chassis Hardware         Chassis Hardware         Omit Wireline Control TRC Board         Mail Mounting Hardware         Enhanced TRC Board         Base Station EEPROM Kit         Repeater EEPROM Kit         Repeater EEPROM Kit         Repeater EEPROM Kit         Roder Code Plug         10 W DC interconnect Board         25 W Current Limiter Board	6-44 6-48 6-48 6-49 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-56 6-61 6-66
GLE6157A GLE6176A GLE6176A GLE6177A GLE6177A GLE6177A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6768A GLE6768A GLE6808A GLE6810A GLE6810A GLE6810A GLE6810A GLE6810A GLE6879A GLE6879A GLE6879A GLE6890A GLE6900A GLE6900A GLE6900A GLE6905A GLE6908A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm         RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 5 ppm         Transmitter RF Board 403-433 MHz 5 ppm         Transmitter RF Board 403-433 MHz 5 ppm         Power Amplifier 10 W 403-433 MHz         Power Amplifier 25 W 403-440 MHz         Power Amplifier 25 W 403-440 MHz         Power Amplifier 25 W 438-470 MHz         Power Amplifier 1-10 W 438-470 MHz         Power Amplifier 1-10 W 438-470 MHz         Filter UHF Receiver Low Pass         TRC Board Fully Optioned         Repeater Access Tone Decoder         Repeater Hardware         Chassis Hardware         Transmitter Command Board         Transmitter Command Board         Base Station Hardware         Omit Wireline Control TRC Board         Wall Mounting Hardware         Enhanced TRC Board         Di bercomect Board         25 W Current Limiter Board         26 W Current Limiter Board         27 W Current Limiter Board         26 W Current Limiter Board         27 W Current Limiter Board         26 W Current Limiter Board         27 W Current Limiter Board         27 W Current Limit	6-44 6-48 6-48 6-49 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-54 6-64 6-66
GLE6157A GLE6174A GLE6174A GLE6175A GLE6175A GLE6177A GLE6178A GLE6180A GLE6180A GLE6182A GLN6767A GLN6767A GLN6768A GLN6876A GLN6870A GLN6811A GLN6812A GLN6878A GLN6878A GLN6878A GLN6878A GLN6878A GLN6879A GLN6890A GLN6901A GLN6905A GLN6905A GLN6908A GLN6908A GLN6908A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppmRF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppmTransmitter RF Board 403-433 MHz 2ppmTransmitter RF Board 403-433 MHz 5 ppmTransmitter RF Board 438-470 MHz 5 ppmPower Amplifier 10 W 403-433 MHzPower Amplifier 25 W 403-400 MHzPower Amplifier 25 W 403-400 MHzPower Amplifier 1-10 W 438-470 MHzFilter UHF Receiver Low PassTRC Board 1FTransmitter RF command BoardRepeater HardwareChassis HardwareChassis HardwareChassis HardwareChassis HardwareChassis HardwareMit Vireline Control TRC BoardWall Mounting HardwareEnhanced TRC BoardMall Mounting HardwareEnhanced TC BoardDif Wireline EEPROM KitRepeater EEPROM KitRepeater EEPROM KitRepeater Command BoardStation EEPROM KitRepeater EEPROM KitReceiver Cole Plug10 W DC interconnect Board25 W Current Limiter BoardCoaxial Connector, ReceiverFuse 110/120VAC, 10 W TransmitterFuse 110/120VAC, 25 W Transmitter <td>6-44 6-48 6-48 6-49 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-56 6-61 6-66</td>	6-44 6-48 6-48 6-49 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-56 6-61 6-66
GLE6157A GLE6174A GLE6174A GLE6175A GLE6175A GLE6177A GLE6181A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE680A GLE680A GLE680A GLE6815A GLE6815A GLE6878A GLE6778A GLE6878A GLE6978A GLE6978A GLE6978A GLE6978A GLE6978A GLE6978A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppm         RF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 2ppm         Transmitter RF Board 403-433 MHz 5 ppm         Transmitter RF Board 438-470 MHz 5 ppm         Power Amplifier 10 W 403-433 MHz         Power Amplifier 25 W 438-470 MHz         Power Amplifier 25 W 438-470 MHz         Power Amplifier 1-10 W 403-433 MHz         Power Amplifier 25 W 438-470 MHz         Power Amplifier 1-10 W 438-470 MHz         Filter UHF Receiver Low Pass         TRC Board Fully Optioned         Repeater Access Tone Decoder         Repeater Access Tone Decoder         Repeater Hardware         Chassis Hardware         Transmitter Command Board         Base Station Hardware         Omit Wireline Control TRC Board         Wall Mounting Hardware         Enhanced TRC Board         Mase Station EEPROM Kit         Repeater EEPROM Kit         Repeater EEPROM Kit         Repeater EEPROM Kit         Coaxial Connector, Receiver         fuse 110/1	6-44 6-48 6-48 6-48 6-49 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-53 6-54 6-64 6-66 6-67 7 7 7 7 7 7 7
GLE6157A GLE6174A GLE6174A GLE6175A GLE6175A GLE6177A GLE6178A GLE6180A GLE6180A GLE6180A GLE6180A GLE6180A GLE6182A GLN6767A GLN6767A GLN67680A GLN6808A GLN6807A GLN6811A GLN6815A GLN6878A GLN6878A GLN6878A GLN6880A GLN6879A GLN6880A GLN6880A GLN6880A GLN6880A GLN6879A GLN6890A GLN6900A GLN6900A GLN6905A GLN6907A GLN6907A	RF Board 12.5 kHz Tx: 420-433 MHz, Rx: 438-450 MHz 2ppmRF Board 12.5 kHz Tx: 438-450 MHz, Rx: 420-433 MHz 2ppmTransmitter RF Board 403-433 MHz 2ppmTransmitter RF Board 403-433 MHz 5 ppmTransmitter RF Board 438-470 MHz 5 ppmPower Amplifier 10 W 403-433 MHzPower Amplifier 25 W 403-400 MHzPower Amplifier 25 W 403-400 MHzPower Amplifier 1-10 W 438-470 MHzFilter UHF Receiver Low PassTRC Board 1FTransmitter RF command BoardRepeater HardwareChassis HardwareChassis HardwareChassis HardwareChassis HardwareChassis HardwareMit Vireline Control TRC BoardWall Mounting HardwareEnhanced TRC BoardMall Mounting HardwareEnhanced TC BoardDif Wireline EEPROM KitRepeater EEPROM KitRepeater EEPROM KitRepeater Command BoardStation EEPROM KitRepeater EEPROM KitReceiver Cole Plug10 W DC interconnect Board25 W Current Limiter BoardCoaxial Connector, ReceiverFuse 110/120VAC, 10 W TransmitterFuse 110/120VAC, 25 W Transmitter <td>6-44 6-48 6-48 6-49 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-58 6-61 6-64 6-66</td>	6-44 6-48 6-48 6-49 6-51 6-51 6-52 6-53 6-53 6-53 6-53 6-53 6-58 6-61 6-64 6-66

6-1

GKN6153A	Cable, AC Power w	/ U.K. Plug	C 14	2111031A37		GEPF-0533B-2
CUMPAT	DART NO	DE COBT DE LON	C 15 C 16	2111031A17	12 (chip) 1000 (chip)	
SYMBOL	PART NO.	DESCRIPTION	C 16 C 17	2111031A09 2111031A31		
	3002695 B05	PLUG, UK type	C 18		5.6 0.5pF (chip)	
		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	C 51		0.01uF 10% (chip)	
			C 52		470 (chip)	
	Cable, ETRC Base		C 53	2111031A17		
GKN6165A	Cable, ETRC Repea	ter Station	C 54 C 55	2111031A09 2111031A10	• • • •	
SYMBOL	PART NO.	DESCRIPTION	C 56	0611024B23	Jumper	
			C 57		0.01uF 10% (chip)	
		SPARK GAP:	C 58	2111032A21	0.01uF 10% (chip)	
E801-			C 59	2384538G05		
E804	8083029H01	230V DC	C 60	2111031A31		
		CONNECTOR, receptacle:	C 61 C 62	2111031A23 2111031A31		
J10	2884506E08	Male, 25-contact	C 63		680 (chip)	
			C 64		10 0.5pF (chip)	
_		CONNECTOR, plug:	C 65		0.22uF +80-20% (chip)	
P1	1582694R03	Housing, 4-position	C 66		0.01uF 10% (chip)	
<b>P</b> 2	1582694 R03 3982693 R02	Housing, 4-position receptacle, crimp, 4 used	C 67 C 68		0.22uF +80-20% (chip) 0.22uF +80-20% (chip)	
P3	2802098M03	Female, (p/o PA)	C 69	2384538G05		
P3	1583498F41	Hsng, 4-posn (p/o ETRC)	C 70		10uF 20% 16V	
	2983499F01	terminal, 4 used	C 71	2311048B06	2.2uF 20%	
P6	1580151J01	Housing, connector	C 72		0.22uF +80-20% (chip)	
	0980257H01	female, crimp-on, 4 used	C 73	•	0.22uF +80-20% (chip)	
P11	2802098M03	Female, single contact	C 74 C 75		0.22uF +80-20% (chip)	
		TERMINAL BOARD:	C 75		2200pF 10% (chip) 0.22uF +80-20% (chip)	
TB1	3184145N03	6-position	C 77		0.22uF +80-20% (chip)	
		- <b>F</b>	C 78		2200pF 10% (chip)	
		CABLE:	C 79		0.22uF +80-20% (chip)	
W200	3003469A02	15-cond, incl P4 (GKN6164A only)			10uF 20% 16V	
	3003469A04	24-cond, incl P4 (GKN6165A only)			10uF 20% 16V	
W500 W501	SEE NOTE	Assy ETRC relay output, incl Pl Assy ETRC DC power, includes P3	C102 C103		0.luF 5% 63V 0.0luF 10% (chip)	
WJOI	SEE NOTE	Assy Elke De power, includes F5	C105		10uF 20% 16V	
		MECHANICAL PARTS:	C105		0.01uF 10% (chip)	
	4303462A01	STANDOFF, flexible, 2 used	C106	2111031A19	· · · ·	
	4303463A01	STANDOFF, circuit board, 2 used	C108	2111032B13	0.luF +80-20% (chip)	
	4210217A02	STRAP, tie: 11 used	C109		0.22uF 63V	
	2280172J01	PIN, polarizing	C110		0.luF +80-20% (chip)	
	3082724C01 0284784B05	CABLE, battery #14 red NUT, M3 hex, 2 used	C111 C112	2384538G08	2.2uF 20% 20V 0.022uF 63V	
	0384723C18	SCREW, M3x8, 2 used	C113		0.01uF 10% (chip)	
	0484718C04	LOCKWASHER, A3.2, 2 used	C114		0.01uF 10% (chip)	
	4384798F01	INSERT, polarizing	C115	0811051A13		
			C116	2111032A09	1000pF 10% (chip)	
CWN61904	Cable AC Dessen 1	10/12011 2	C117 C119	2111032A09	1000pF 10% (chip) 1000pF 10% (chip)	
GANG LOUA	Cable, AC Power 1	10/120V <b>5-WIFe</b>	C119 C120	2111032A09 2111032A09	1000pF 10% (chip) 1000pF 10% (chip)	
SYMBOL	PART NO.	DESCRIPTION	C151	2111032A09	1000pF 10% (chip)	
	-		C152	2111031A15	10 (chip)	
	3002695B10	PLUG, 3-wire	C153	2111032A09	1000pF 10% (chip)	
			C154		0.01uF 10% (chip)	
CUNIC 101 4	Cable AC B 1	10/120W 2-wine	C155	2302057B09	0.22uF 20% 35V	
GANUIGIA	Cable, AC Power 1	IV/ IZVV Z-WILE	C156 C157	2111031A45 2111031A45	180 (chip) 180 (chip)	
SYMBOL	PART NO.	DESCRIPTION	C158		0.01uF 10% (chip)	
_			C159	2111031A23	22 (chip)	
	3002695 B09	PLUG, 2-wire	C160	2111031A19		
			C161	2111031A36		
CT C60474			C2O3 C2O4	2111031A17	• • • •	
GLC6047A RF Board	66-88 MHz 20 & 2	5kHz Channel Spacing	C204 C205	2111031A08 2111031A19		
- postu -			C206	2111031A17		
SYMBOL	PART NO.	DESCRIPTION	C207	2111031A17	12 (chip)	
			C208	2111031A03	1.5 0.25pF (chip)	
		CAPACITOR: pF 5% 50V	C209	2111031A09		
C 1	2111031427	unless otherwise stated 33 (chip)	C210 C211	2111032A09 2111032A09		
C 2	2111031A27 2111031A25	27 (chip)	C211 C212	2111032A09 2111031A07	3.3 0.25pF (chip)	
C 3	2111031A48	240 (chip)	C214-	2111032A09		
C 4	2111031A24	24 (chip)	C218	2111032A09		
C 5	2111031A51	330 (chip)	C219	2111031A10	5.6 0.5pF (chip)	
C 6	2111031A24	24 (chip)	C220	2111032A09		
C 7 C 9	2111031A48	240 (chip) 15 (chip)	C221 C222		0.00luF 10% (chip) 0.00luF 10% (chip)	
C 10	2111031A19 2111031A17	15 (chip) 12 (chip)	C223	2111032A09	1.5 0.25pF (chip)	
C 11	2111031A37	82 (chip)	C224	2111031A19	15 (chip)	
C 12	2111031A10	5.6 0.5pF (chip)	C225	2111031A05	2.2 0.25pF (chip)	
C 13	2111031A10	5.6 0.5pF (chip)	C226	2111031A21	18 0.5pF (chip)	

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C227	2111031A08	32 OF 0 25-F (.1.t.)
C228	2111031A08	
C229	2111031A19	
C230	2111031A19	
C231	2111031A03	
C232	2111032A09	0.001uF 10% (chip)
C233	2111032A09	
C234	2111032A09	
C235	2111031A07	
C237-		
C241	2111032A09	0.001uF 10% (chip)
C242	2111031A13	8.2 0.5pF (chip)
C243	2111032A09	
C245	2111031A05	2.2 0.5pF (chip)
C251	2111032A21	
C252	2311048B19	47uF 20% 16V
C253	2311048B19	47uF 20% 16V
C254	2111032 <b>A</b> 21	· · · · · · · · · · · · · · · · · · ·
C301	2311048B05	
C302	0811051A17	0.47uF 63V
C303	2111031A51	330 (chip)
C304	2111031A39	100 (chip)
C305	2111031A39	100 (chip)
C306	2111031A39	100 (chip)
C307-	0111001451	220 (11)
C312	2111031A51	330 (chip)
		DIODE. (OPE NOTE)
CR 51	(000/5/201	DIODE: (SEE NOTE)
CR 51 CR 52		Silicon
CR 52 CR101		Silicon Silicon
CR101		
CR102 CR151	4883654H01 4882190H54	
CR152	4882190H54	
CR152 CR153	4884399M01	
CR155	4884399M01	Silicon
CR201	4882190H54	Varactor (chip)
CR201	4882190H54	Varactor (chip) Varactor (chip)
CR203	4884616A01	Hot Carrier
CR204	4882190H54	Silicon (chip)
CR205	4882190H54	Silicon (chip)
CR206	4882190H54	
CR207	4884616A01	Hot Carrier
		FILTER:
FL51	9180097D06	Filter 6D 455kHz
FL52	9180098D06	Filter 4D 455kHz
		CONNECTOR:
J 1	0980168K01	Соах
J 2	0980168K01	Coax
J 3	0980179н01	ll Pin
		COIL:
L1-L4	2480079J04	8.5 turns
L 5	2480079J05	••
L 6	2480079J08	8.5 turns
L 7	2480079J11	tapped 8.5 turns
L 8	2411939B15	white 10.5 turns
L 51-	0/00005000	
L 53 L 54	2482835G03 2580000E01	red-blu-gld 2.6uH
L 55		Quad 455kHz
L151	2482723H35	red 23uH
L151 L152	2480299D01 2482723H37	orange 17.75 turns
L102	2482723R37 2480164J03	blue 6.2uH 6.5 turns
L201	2480184303 2482723H36	yellow 0.41uH
L202	2482723H36 2480044F09	5.6uH
L204	2480044F09	5.6uH
L204	2480044F09 2480044F09	5.6uH
L205	2480044F09 2480044F09	5.6uH
L200	2480044F09 2480044F09	5.6uH
L208	2480044F09 2482723H46	blu-grn 0.2uH
L200	2480044F09	5.6uH
L210	2480164J05	7.5 turns
L211	2482723H36	yellow 1.41uH
L212-		Jerrow restaut
L216	2480044F09	5.6uH
L217	2482723H46	
L218	2480044F09	5.6uH
· · ·		
		TRANSI STOR:
Q 1	4811043B12	TRANSISTOR: FET M3B12 (alt: M9839)
Q 1 Q 51	4811043B12 4811043B12	TRANSISTOR: FET M3B12 (alt: M9839) FET M3B12 (alt: M9839)

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Q 52	4811043B03	M3BO3 (alt: M9571)
Q 53	4802081B30	1
Q101	4802081B31	M1B31 (alt: M1B11)
Q102	4800869987	M9987
Q103	4800869987	M9987
Q104	4802081B31	M1B31 (alt: M1B11)
Q105	4802081B30	M1B30 (alt: M1B10)
Q106	4880182D41	MOSFET M2D41
Q107		
	4811043B16	M3B16 (alt: M9932)
Q151	4802081B30	
Q152	4802081B31	M1B31 (alt: M1B11)
Q201	4811043B12	FET M3B12 (alt: M9839)
Q202	4802081B30	M1B30 (alt: M1B10)
Q203	4811043B19	M3B19 (alt: M9658)
Q204	4811043B16	M3B16 (alt: M9932)
Q205	4811043B12	FET M3B12 (alt: M9839)
Q206	4802081B30	M1B30 (alt: M1B10)
Q207	4811043B19	M3B19 (alt: M9658)
Q208	4811043B16	M3B16 (alt: M9932)
Q251	4802081B30	M1B30 (alt: M1B10)
•		
		THE BAT OT OD .
00151	0.000.000000	THERMI STOR:
RT151	0683600K06	10k
RT152	0683600K06	10k
RT153	0683600K05	100k
		RESISTOR: 5% 1/8W
n 1	0611001.00-	unless otherwise stated
R 1	0611024A93	68k (chip)
R 2	0611024A43	560 (chip)
R 3	0611024A93	68k (chip)
R 51	0611024A55	1.8k (chip)
R 53	0611024A29	150 (chip)
R 54	0611024A41	470 (chip)
R 55	0611024A49	lk (chip)
R 56	0611024 B20	820k (chip)
R 57	0611024B06	220k (chip)
R 58	0611024B02	150k (chip)
R 59	1805500L08	22k variable
R 60		
	0611024A93	68k (chip)
R 61	0611024A95	82k (chip)
R 62	0611024A65	4.7k (chip)
R101	0602438B15	150 0.5W
R102	0611024A51	1.2k (chip)
R103	0611024A73	10k (chip)
R104	0611024A73	10k (chip)
R105	0611024A73	10k (chip)
R106	0611024A01	10 (chip)
R107	0611024A77	15k (chip)
R108	0611024A77	15k (chip)
R109	0611024A35	270 (chip)
R110	0611024A47	
R111	0611024A35	270 (chip)
R112	0611024A37	330 (chip)
R113	0611024A61	3.3k (chip)
R115	0611024A63	3.9k (chip)
R116	0611024A37	330 (chip)
R117	0611024A53	1.5k (chip)
R118	0611024A69	6.8k (chip)
R119	0611024A73	10k (chip)
R120	0611024A19	56 (chip)
R121	0611024A19	56 (chip)
R122	0600185A35	270 5% 0.25W
R123	0611024A25	100 (chip)
R152	0610621E20	210k 1% 0.25W
		210K 16 0.20W
R153	0610621C71	6.19k 1% 0.25W
R155	0610621C59	4.640 1% 0.25W
R156	0611024A97	100k (chip)
R157	0611024A73	10k (chip)
R158	0611024A73	10k (chip)
R159	0611024A77	
R160	0611024A09	22 (chip)
R161	0611024A53	1.5k (chip)
R162	0611024A49	lk (chip)
R201	0611024A19	56 (chip)
R202	0611024A73	10k (chip)
R203	0611024A33	220 (chip)
R204	0611024A65	4.7k (chip)
R205	0611024A73	10k (chip)
R206	0611024A45	680 (chip)
R207	0611024A57	2.2k (chip)
R208	0611024A45	680 (chip)
R209	0611024A29	150 (chip)
R210	0611024A35	270 (chip)
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6-3

R211					
	0611024A19	56 (chip)	C 53	2111031419	15 (chip)
R212	0611024A35		C 54		
R213	0611024A07				15 0.25pF (chip)
R214			C 55	2111031A10	
	0611024A97		C 56	2111031A15	
R215	0611024A73		C 57	2111032A21	0.01uF 10% (chip)
R216	0611024A73		C 58	2111032A21	
R217	0611024A73	10k (chip)	C 59	2384538G05	
R218	0611024A33		C 60		
R219	0611024A77			2111031A31	
			C 61	2111031A23	
R220	0684764A22		C 62	2111031 <b>A</b> 31	47 (chip)
R221	0684764A22	560 0.25W	C 63	2111031A59	680 (chip)
R222	0611024A45	680 (chip)	C 64		10 0.5pF (chip)
R223	0611024A57	2.2k (chip)	C 65	2111032B15	0.22uF +80-20% (chip)
R224	0611024A45		C 66		
R225	0611024A29	•			0.01uF 10% (chip)
			C 67		0.22uF +80-20% (chip)
R226	0611024A45		C 68	2111032B15	0.22uF +80-20% (chip)
R227	0611024A19	56 (chip)	C 69	2384538G05	10uF 20%
R228	0611024A51	1.2k (chip)	C 70	2311048B13	
R229	0611024A37	330 (chip)	C 71	2311048B06	
R230	0611024A35		C 72		
R231				2111032B15	
	0611024A07		C 73	2111032B15	
R232	0611024A35		C 74	2111032B15	0.22uF +80-20% (chip)
R233	0611024A19		C 75	2111032A13	2200 10% (chip)
R234	0611024A19	56 (chip)	C 76	2111032B15	0.22uF +80-20% (chip)
R235	0611024A19	56 (chip)	C 77	2111032B15	
R236	0611024A35		C 78	2111032A13	2200 10% (abda)
R251	0611024A35	•			
			C 79	2111032B15	······································
R252	0611024A01		C 80	2311048B13	10uF 20% 16V
R301	0611024A81	22k (chip)	C101	2311048B13	10uF 20% 16V
R302	1880080J01		C102	0811051A13	
R303	0611024A57	2.2k (chip)	C103		0.01uF 10% (chip)
R304	0611024A01		C104		
R305				2311048B13	
		22k variable	C105	2111032A21	
R306	0611024A01	10 (chip)	C106	2111031A19	15 (chip)
R308	0611024A65	4.7k (chip)	C108	2111032B13	0.luF +80-20% (chip)
R309	0611024A65	4.7k (chip)	C109	0811051A15	
R310	0611024A65		C110	2111032B13	
		( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )			
		INTEGRATER OIRCUIT (ORR NOTE)	C111	2384538G08	
		INTEGRATED CIRCUIT: (SEE NOTE)	C112	0811051A09	
U 51	5105479G05	Nucleus	C113	2111032A21	0.01uF 10% (chip)
U101	5183548N19	Divider	C114	2111032A21	
U102	5180135C06	Prescaler	C115	0811051A13	· •
			C116	2111032A09	
			0110	LIIIUJIAU)	0.00101 IOW (CHIP)
			0117	0111020400	0 001 1 109 (11)
VP101	4882256015	ZENER DIODE: (SEE NOTE)	C117	2111032A09	
VR101	4882256C15		C119	2111032A09	0.001uF 10% (chip)
VR101	4882256C15	5.1V 5%	C119 C120		0.001uF 10% (chip)
		5.1V 5% CRYSTAL:	C119	2111032A09	0.001uF 10% (chip) 0.001uF 10% (chip)
VR101 Y 51	9180082J01	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B	C119 C120 C151	2111032A09 2111032A09 2111032A09	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip)
	9180082J01 4805488G03	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as	C119 C120 C151 C152	2111032A09 2111032A09 2111032A09 2111031A15	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip)
¥ 51 ¥ 52	9180082J01 4805488G03	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as	C119 C120 C151 C152 C153	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip)
Y 51 Y 52 or	9180082J01 4805488G03 4805488G04	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied	C119 C120 C151 C152 C153 C154	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip)
¥ 51 ¥ 52	9180082J01 4805488G03 4805488G04	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as	C119 C120 C151 C152 C153 C154 C155	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V
Y 51 Y 52 or	9180082J01 4805488G03 4805488G04	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz	C119 C120 C151 C152 C153 C154 C155 C156	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip)
Y 51 Y 52 or	9180082J01 4805488G03 4805488G04 4802443B21	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz <u>NON-REFERENCE ITEMS:</u>	C119 C120 C151 C152 C153 C154 C155	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip)
Y 51 Y 52 or	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz <u>NON-REFERENCE ITEMS:</u> Shield	C119 C120 C151 C152 C153 C154 C155 C156	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip)
Y 51 Y 52 or	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz <u>NON-REFERENCE ITEMS:</u> Shield	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 0.01uF 10% (chip)
Y 51 Y 52 or	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz <u>NON-REFERENCE ITEMS:</u> Shield Shield 3 used	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159	2111032A09 2111032A09 2111032A09 2111031A15 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A23	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 22 (chip)
Y 51 Y 52 or	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz <u>NON-REFERENCE ITEMS:</u> Shield	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160	2111032A09 2111032A09 2111032A09 2111031A15 2111032A29 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A23 2111031A19	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 0.01uF 10% (chip) 22 (chip) 15 (chip)
Y 51 Y 52 or	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz <u>NON-REFERENCE ITEMS:</u> Shield Shield 3 used	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161	2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A23 2111031A23 2111031A36	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 0.01uF 10% (chip) 22 (chip) 15 (chip) 75 (chip)
Y 51 Y 52 or Y151	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz <u>NON-REFERENCE ITEMS:</u> Shield Shield 3 used	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A23 2111031A23 2111031A19 2111031A36 2111031A17	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 22 (chip) 15 (chip) 12 (chip) 12 (chip)
Y 51 Y 52 or Y151 GLC6048.	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01	5.1V 5% <u>CRY STAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz <u>NON-REFERENCE ITEMS:</u> <u>Shield</u> Shield 3 used Shield Coil *	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A19 2111031A36 2111031A17 2111031A08	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 12 (chip) 3.9 0.25pF (chip)
Y 51 Y 52 or Y151 GLC6048.	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01	5.1V 5% <u>CRYSTAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz <u>NON-REFERENCE ITEMS:</u> Shield Shield 3 used	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A23 2111031A23 2111031A19 2111031A36 2111031A17	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 12 (chip) 3.9 0.25pF (chip)
Y 51 Y 52 or Y151 GLC6048.	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01	5.1V 5% <u>CRY STAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz <u>NON-REFERENCE ITEMS:</u> <u>Shield</u> Shield 3 used Shield Coil *	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205	2111032A09 2111032A09 2111032A09 2111031A15 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A19 2111031A36 2111031A19 2111031A08 2111031A19	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 12 (chip) 3.9 0.25pF (chip) 15 (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz,	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil *         12.5kHz Channel Spacing	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A23 2111031A19 2111031A17 2111031A19 2111031A19 2111031A17	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 12 (chip) 15 (chip) 15 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01	5.1V 5% <u>CRY STAL:</u> Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz <u>NON-REFERENCE ITEMS:</u> <u>Shield</u> Shield 3 used Shield Coil *	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A23 2111031A19 2111031A17 2111031A17 2111031A17 2111031A17	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz,	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208	2111032A09 2111032A09 2111032A09 2111031A15 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A23 2111031A19 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A03	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 15 0.25pF (chip) 15 0.25pF (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz,	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR:       pF 5% 50V	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209	2111032A09 2111032A09 2111032A09 2111032A09 2111032A1 2302057B09 2111031A45 2111031A45 2111031A45 2111031A23 2111031A19 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A03 2111031A09	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 15 0.25pF (chip) 15 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO.	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR:       pF 5% 50V         unless otherwise stated	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A23 2111031A19 2111031A17 2111031A17 2111031A17 2111031A09 2111031A09 2111032A09	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 15 (chip) 12 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 13 0.25pF (chip) 12 (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil °         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR:       pF 5% 50V         unless otherwise stated         33 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A23 2111031A19 2111031A17 2111031A17 2111031A17 2111031A09 2111031A09 2111032A09	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 15 (chip) 12 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 13 0.25pF (chip) 12 (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO.	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR:       pF 5% 50V         unless otherwise stated	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A19 2111031A17 2111031A17 2111031A17 2111031A03 2111031A09 2111032A09 2111032A09	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 15 (chip) 15 (chip) 12 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 13.9 0.25pF (chip) 15 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A25	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A19 2111031A17 2111031A17 2111031A17 2111031A03 2111031A09 2111032A09 2111032A09	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 15 (chip) 12 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 130 (chip) 140 (chip) 150 (chip) 150 (chip) 150 (chip) 160 (chip) 1750 (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL C 1 C 2 C 3	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A25 2111031A48	5.1V 5%         CRY STAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR:       pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214-	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A19 2111031A36 2111031A17 2111031A08 2111031A17 2111031A09 2111032A09 2111032A09 2111031A07	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 1001uF 10% (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 15 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 3.3 0.25pF (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A25 2111031A48 2111031A24	5.1V 5%         CRY STAL: Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz         NON-REFERENCE ITEMS: Shield         Shield         Shield 3 used         Shield Coil *         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V unless otherwise stated 33 (chip) 27 (chip)         240 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A17 2111031A17 2111031A17 2111031A17 2111031A03 2111031A09 2111032A09 2111031A07 2111032A09	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 1001uF 10% (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 130 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip)
Y 51 Y 52 or Y151 GLC60488 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A27 2111031A25 2111031A24 2111031A21	5.1V 5%         CRY STAL: Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz         NON-REFERENCE ITEMS: Shield         Shield         Shield 3 used         Shield Coil *         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V unless otherwise stated 33 (chip) 27 (chip)         240 (chip)         24 (chip)         330 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A17 2111031A17 2111031A17 2111031A17 2111031A03 2111031A09 2111032A09 2111031A07 2111032A09	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 1001uF 10% (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 15 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 3.3 0.25pF (chip)
Y 51 Y 52 or Y151 GLC60488 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A27 2111031A24 2111031A24	5.1V 5%         CRYSTAL: Filter 21.4MHz Matched pair A/B 20.945MHz   Replace with part as 21.855MHz   originally supplied Crystal 14.4MHz         NON-REFERENCE ITEMS: Shield         Shield         Shield         Shield         Shield Coil *         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V unless otherwise stated 33 (chip) 24 (chip)         24 (chip)         330 (chip)         24 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220-	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A23 2111031A36 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A09 2111032A09 2111032A09 2111031A10	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 15 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 13.9 0.25pF (chip) 0.001uF 10% (chip) 0
Y 51 Y 52 or Y151 GLC6048. RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A25 2111031A24 2111031A24 2111031A24 2111031A24	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         240 (chip)         240 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220- C222	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A23 2111031A36 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A09 2111032A09 2111032A09 2111031A10	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 1001uF 10% (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 130 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A27 2111031A24 2111031A24 2111031A24 2111031A24 2111031A48 2111031A48	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil *         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         240 (chip)         240 (chip)         240 (chip)         250 (chip)         261 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220-	2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A23 2111031A36 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A09 2111032A09 2111032A09 2111031A10 2111032A09	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 15 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 13.9 0.25pF (chip) 0.001uF 10% (chip) 0
Y 51 Y 52 or Y151 GLC6048. RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A25 2111031A24 2111031A24 2111031A24 2111031A24	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         230 (chip)         24 (chip)         240 (chip)         15 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220- C222 C223	2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A01 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A19 2111031A17 2111031A17 2111031A08 2111031A03 2111032A09 2111032A09 2111032A09 2111032A09 2111031A10	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 15 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 13.0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 5.6 0.5pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9 C 10	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A25 2111031A24 2111031A24 2111031A24 2111031A24 2111031A24 2111031A24	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         24 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         26 (chip)         27 (chip)         28 (chip)         29 (chip)         24 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C229 C220- C222 C223 C224	2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A45 2111031A19 2111031A17 2111031A17 2111031A17 2111031A08 2111031A09 2111032A09 2111032A09 2111032A09 2111031A10 2111032A09 2111031A10	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 15 (chip) 12 (chip) 13.9 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 5.6 0.5pF (chip) 1.5 0.25pF (chip) 1.5 (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9 C 10 C 11	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A27 2111031A24 2111031A24 2111031A24 2111031A48 2111031A49 2111031A17 2111031A37	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil *         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         240 (chip)         240 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         26 (chip)         27 (chip)         24 (chip)         33 (chip)         24 (chip)         32 (chip)         24 (chip)         25 (chip)         26 (chip)         27 (chip)         28 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220- C222 C223 C224 C225	2111032A09 2111032A09 2111032A09 2111032A09 2111032A15 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A36 2111031A36 2111031A37 2111031A17 2111031A17 2111031A09 2111032A09 2111032A09 2111032A09 2111031A10 2111032A09 2111031A10	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 1001uF 10% (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 15 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 1.
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9 C 10 C 11 C 12	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A24 2111031A24 2111031A48 2111031A17 2111031A17 2111031A37 2111031A10	5.IV 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil *         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR:       pF 5% 50V         unless otherwise stated         33 (chip)         24 (chip)         330 (chip)         24 (chip)         240 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         24 (chip)         35 (chip)         26 (chip)         27 (chip)         26 (chip)         27 (chip)         24 (chip)         35 (chip)         26 (chip)         27 (chip)         26 (chip)         27 (chip)         28 (chip)         29 (chip)         20 (chip)         21 (chip)         22 (chip)         23 (chip)         24 (chip)         24 (chip) <td>C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220- C222 C223 C224 C225 C226</td> <td>2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A3 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A09 2111032A09 2111032A09 2111031A10 2111032A09 2111031A10 2111031A03 2111031A03 2111031A03 2111031A03 2111031A05 2111031A21</td> <td>0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 19 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 130 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 5.6 0.5pF (chip) 15 (chip) 15 (chip) 2.2 0.25pF (chip) 15 (chip) 15 (chip) 0.001uF 10% (chip) 15 (chip) 2.2 0.25pF (chip) 15 /td>	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220- C222 C223 C224 C225 C226	2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A3 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A09 2111032A09 2111032A09 2111031A10 2111032A09 2111031A10 2111031A03 2111031A03 2111031A03 2111031A03 2111031A05 2111031A21	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 19 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 130 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 5.6 0.5pF (chip) 15 (chip) 15 (chip) 2.2 0.25pF (chip) 15 (chip) 15 (chip) 0.001uF 10% (chip) 15 (chip) 2.2 0.25pF (chip) 15
Y 51 Y 52 or Y151 GLC60488 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9 C 10 C 11 C 12 C 13	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A25 2111031A24 2111031A24 2111031A19 2111031A17 2111031A10 2111031A10	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil *         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         240 (chip)         240 (chip)         240 (chip)         256 (chip)         56 (chip)         56 (chip)         56 (chip)         56 (chip)         56 (chip)         5.6 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220- C222 C223 C224 C225 C226 C227	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A19 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A09 2111032A09 2111032A09 2111031A10 2111032A09 2111031A10 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 19 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 13 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 3.3 0.25pF (chip) 0.001uF 10% (chip) 5.6 0.5pF (chip) 15 (chip) 15 (chip) 2.2 0.25pF (chip) 15 (chip) 15 (chip) 15 (chip) 15 (chip) 0.001uF 10% (chip) 15
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9 C 10 C 11 C 12 C 13 C 14	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A27 2111031A24 2111031A24 2111031A19 2111031A10 2111031A10 2111031A37	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         240 (chip)         15 (chip)         12 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         240 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         28 (chip)         29 (chip)         29 (chip)         20 (chip)         26 (chip)         26 (chip)         27 (chip)         28 (chip)         29 (chip)         29 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220- C222 C223 C224 C225 C226	2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A3 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A09 2111032A09 2111032A09 2111031A10 2111032A09 2111031A10 2111031A03 2111031A03 2111031A03 2111031A03 2111031A05 2111031A21	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 19 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 13 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 3.3 0.25pF (chip) 0.001uF 10% (chip) 5.6 0.5pF (chip) 15 (chip) 15 (chip) 2.2 0.25pF (chip) 15 (chip) 15 (chip) 15 (chip) 15 (chip) 0.001uF 10% (chip) 15
Y 51 Y 52 or Y151 CLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9 C 10 C 11 C 12 C 13 C 14 C 15	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A25 2111031A24 2111031A24 2111031A19 2111031A17 2111031A10 2111031A10	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil *         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         240 (chip)         240 (chip)         240 (chip)         256 (chip)         56 (chip)         56 (chip)         56 (chip)         56 (chip)         56 (chip)         5.6 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220- C222 C223 C224 C225 C226 C227	2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A19 2111031A17 2111031A17 2111031A17 2111031A17 2111031A19 2111032A09 2111032A09 2111032A09 2111031A10 2111031A10 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 19 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 13 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 3.3 0.25pF (chip) 0.001uF 10% (chip) 5.6 0.5pF (chip) 15 (chip) 15 (chip) 2.2 0.25pF (chip) 15 (chip) 2.2 0.25pF (chip) 18 0.5pF (chip) 32.9F 0.25pF (chip) 18 0.5pF (chip) 18 0.5pF (chip) 18 (chip) 18 (chip)
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9 C 10 C 11 C 12 C 13 C 14	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A27 2111031A24 2111031A24 2111031A19 2111031A10 2111031A10 2111031A37	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         240 (chip)         15 (chip)         12 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         240 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         28 (chip)         29 (chip)         29 (chip)         20 (chip)         26 (chip)         26 (chip)         27 (chip)         28 (chip)         29 (chip)         29 (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220- C222 C223 C224 C225 C226 C227 C228 C229	2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A19 2111031A17 2111031A17 2111031A17 2111031A17 2111031A08 2111031A09 2111032A09 2111032A09 2111031A10 2111031A10 2111031A10 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 13 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 15 (chip) 2.2 0.25pF (chip) 18 0.5pF (chip) 18 0.5pF (chip) 18 (chip) 18 (chip) 15 (chip) 15 (chip) 15 (chip) 15 (chip) 15 (chip) 16 (chip) 17 (chip) 18 (chip) 19 (chip) 10 (c
Y 51 Y 52 or Y151 CLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9 C 10 C 11 C 12 C 13 C 14 C 15	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A27 2111031A24 2111031A24 2111031A24 2111031A24 2111031A19 2111031A19 2111031A10 2111031A10 2111031A17 2111031A17 2111031A17 2111031A17	5.1V 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         240 (chip)         240 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         240 (chip)         240 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         240 (chip)         240 (chip)         25 (chip)         26 (chip)         27 (chip)         28 (chip)         29 (chip)         20 (chip)         21 (chip)         22 (chip)         23 (chip)         24 (chip)         26 (chip)         27 (chip) <tr< td=""><td>C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C209 C210 C211 C212 C214- C222 C223 C224 C225 C226 C227 C228 C229 C230</td><td>2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A19 2111031A17 2111031A17 2111031A17 2111031A17 2111031A08 2111031A17 2111031A09 2111032A09 2111032A09 2111031A10 2111031A10 2111031A10 2111031A19 2111031A19 2111031A21 2111031A21 2111031A21 2111031A21 2111031A19 2111031A19 2111031A19</td><td>0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 12 (chip) 13 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 3.3 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 15 (chip) 2.2 0.25pF (chip) 18 0.5pF (chip) 18 0.5pF (chip) 18 (chip) 15 /td></tr<>	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C209 C210 C211 C212 C214- C222 C223 C224 C225 C226 C227 C228 C229 C230	2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A19 2111031A17 2111031A17 2111031A17 2111031A17 2111031A08 2111031A17 2111031A09 2111032A09 2111032A09 2111031A10 2111031A10 2111031A10 2111031A19 2111031A19 2111031A21 2111031A21 2111031A21 2111031A21 2111031A19 2111031A19 2111031A19	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 12 (chip) 13 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 3.3 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 15 (chip) 2.2 0.25pF (chip) 18 0.5pF (chip) 18 0.5pF (chip) 18 (chip) 15
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16 C 17	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A27 2111031A24 2111031A24 2111031A48 2111031A48 2111031A49 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A37 2111031A31	5.IV 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil*         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         240 (chip)         240 (chip)         256 (chip)         267 (chip)         268 (chip)         279 (chip)         240 (chip)         240 (chip)         240 (chip)         240 (chip)         256 0.5pF (chip)         26 (chip)         26 (chip)         27 (chip)         28 (chip)         29 (chip)         20 (chip)         21 (chip)         22 (chip)         23 (chip)         24 (chip)         26 (chip)         27 (chip)         28 (chip)         29 (chip)         20 (chip) <td>C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C229 C223 C224 C225 C226 C227 C228 C229 C230 C231</td> <td>2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A19 2111031A17 2111031A17 2111031A17 2111031A17 2111031A08 2111031A09 2111032A09 2111032A09 2111031A10 2111031A10 2111031A10 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21</td> <td>0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 13 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 15 (chip) 2.2 0.25pF (chip) 18 0.5pF (chip) 18 0.5pF (chip) 18 (chip) 15 /td>	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C229 C223 C224 C225 C226 C227 C228 C229 C230 C231	2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A19 2111031A17 2111031A17 2111031A17 2111031A17 2111031A08 2111031A09 2111032A09 2111032A09 2111031A10 2111031A10 2111031A10 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 15 (chip) 15 (chip) 15 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 13 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 0.001uF 10% (chip) 1.5 0.25pF (chip) 15 (chip) 2.2 0.25pF (chip) 18 0.5pF (chip) 18 0.5pF (chip) 18 (chip) 15
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16 C 17 C 18	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A27 2111031A24 2111031A24 2111031A37 2111031A10 2111031A10 2111031A10 2111031A10 2111031A31 2111031A31 2111031A31	5.IV 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil *         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         240 (chip)         240 (chip)         256 0.5pF (chip)         26 0.5pF (chip)         27 (chip)         240 (chip)         240 (chip)         240 (chip)         240 (chip)         256 0.5pF (chip)         26 0.5pF (chip)         26 0.5pF (chip)         26 0.5pF (chip)         5.6 0.5pF (chip)         26 (chip)         27 (chip)         28 (chip)         5.6 0.5pF (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220- C222 C223 C224 C225 C226 C227 C228 C229 C230 C231 C232-	2111032A09 2111032A09 2111032A09 2111032A09 2111032A15 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A36 2111031A36 2111031A36 2111031A17 2111031A17 2111031A09 2111032A09 2111032A09 2111032A09 2111031A07 2111032A09 2111031A10 2111031A10 2111031A19 2111031A19 2111031A21 2111031A21 2111031A21 2111031A21 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19 2111031A19	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 1001uF 10% (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 15 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 3.3 0.25pF (chip) 0.001uF 10% (chip) 5.6 0.5pF (chip) 1.5 0.25pF (chip) 1.5 0.25pF (chip) 1.5 0.25pF (chip) 1.5 (chip) 2.2 0.25pF (chip) 18 (chip) 12 (chip) 12 (chip) 13 (chip) 15 (chip
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 51	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A27 2111031A24 2111031A48 2111031A48 2111031A48 2111031A48 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A10 2111031A31 2111031A10 2111031A31	5.IV 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil *         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR:       pF 5% 50V         unless otherwise stated         33 (chip)         24 (chip)         330 (chip)         24 (chip)         330 (chip)         24 (chip)         330 (chip)         24 (chip)         356 0.5pF (chip)         5.6 0.5pF (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220- C222 C223 C224 C225 C226 C227 C228 C229 C230 C231 C232- C234	2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A09 2111032A09 2111032A09 2111031A07 2111031A03 2111031A03 2111031A03 2111031A03 2111031A03 2111031A03 2111031A03 2111031A03 2111031A19 2111031A03 2111031A19 2111031A19 2111031A03	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.22uF 20% 35V 180 (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 1001uF 10% (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 130 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 15 (chip) 15 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 15 (chip) 1
Y 51 Y 52 or Y151 GLC6048 RF Boar SYMBOL C 1 C 2 C 3 C 4 C 5 C 6 C 7 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16 C 17 C 18	9180082J01 4805488G03 4805488G04 4802443B21 2680138J01 2680153J01 2680210K01 A d 66-88 MHz, PART NO. 2111031A27 2111031A27 2111031A24 2111031A24 2111031A37 2111031A10 2111031A10 2111031A10 2111031A10 2111031A31 2111031A31 2111031A31	5.IV 5%         CRYSTAL:         Filter 21.4MHz Matched pair A/B         20.945MHz   Replace with part as         21.855MHz   originally supplied         Crystal 14.4MHz         NON-REFERENCE ITEMS:         Shield         Shield 3 used         Shield Coil *         12.5kHz Channel Spacing         DESCRIPTION         CAPACITOR: pF 5% 50V         unless otherwise stated         33 (chip)         27 (chip)         240 (chip)         240 (chip)         240 (chip)         256 0.5pF (chip)         26 0.5pF (chip)         27 (chip)         240 (chip)         240 (chip)         240 (chip)         240 (chip)         256 0.5pF (chip)         26 0.5pF (chip)         26 0.5pF (chip)         26 0.5pF (chip)         5.6 0.5pF (chip)         26 (chip)         27 (chip)         28 (chip)         5.6 0.5pF (chip)	C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C203 C204 C205 C206 C207 C208 C209 C210 C211 C212 C214- C218 C219 C220- C222 C223 C224 C225 C226 C227 C228 C229 C230 C231 C232-	2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A45 2111031A17 2111031A17 2111031A17 2111031A17 2111031A17 2111031A09 2111032A09 2111032A09 2111031A07 2111031A03 2111031A03 2111031A03 2111031A03 2111031A03 2111031A03 2111031A03 2111031A03 2111031A19 2111031A03 2111031A19 2111031A19 2111031A03	0.001uF 10% (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 10 (chip) 0.001uF 10% (chip) 0.01uF 10% (chip) 0.01uF 10% (chip) 180 (chip) 180 (chip) 180 (chip) 190 (chip) 1001uF 10% (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 12 (chip) 15 0.25pF (chip) 0.001uF 10% (chip) 0.001uF 10% (chip) 3.3 0.25pF (chip) 0.001uF 10% (chip) 5.6 0.5pF (chip) 1.5 0.25pF (chip) 1.5 0.25pF (chip) 1.5 0.25pF (chip) 1.5 (chip) 2.2 0.25pF (chip) 18 (chip) 12 (chip) 12 (chip) 13 (chip) 15 (chip

6-4

	C237-			Q201	481
	C241	2111032 <b>A</b> 09	0.001uF 10% (chip)	Q202	480
	C242	2111031A13	8.2 0.5pF (chip)	· 0203	481
	C243	2111032A09	0.001uF 10% (chip)	Q204	481
	C245	2111031A05		Q205	481
	C251	2111032A21	0.01uF 10% (chip)	Q206	480
	C252	2311048B19	47uF 20% 16V	Q207	481
	C2 53	2311048B19	47uF 20% 16V	Q208	481
	C254	2111032A21		Q251	480
	C301	2311048B05			
	C302	0811051A17			
	C303	2111031A51		RT151	068
	C304	2111031A39		RT152	068
	C305	2111031A39		RT153	' 068
	C306	2111031A39	100 (chip)		
	C307- C312	2111031A51	330 (chip)		
				R 1	061
	CR 51	4993454001	DIODE: (SEE NOTE)	R 2	061
	CR 51	4883654H01 4883654H01		R 3	061
	CR101	4883654H01		R 51	061
	CR101	4883654H01		R 53	061
	CR151	4882190H54		R 54 R 55	061
	CR152	4882190H54	Varactor (chip)	R 56	061
	CR153	4884399M01		R 56	061
	CR154	4884399M01		R 58	061 061
	CR201	4882190H54		R 59	180
	CR202	4882190H54	Varactor (chip)	R 60	061
	CR203	4884616A01		R 61	061
	CR204	4882190H54	Silicon (chip)	R 62	061
•	CR205	4882190H54		R101	0602
	CR206	4882190H54	Silicon (chip)	R102	061
	CR207	4884616A01		R103	061
				R104	061
			FILTER:	R105	061
	FL51	9180097D04	Filter 6F 455kHz	R106	061
	FL52	9180098D04	Filter 4F 455kHz	R107	061
				R108	061
			CONNECTOR:	R109	061
	J 1	0980168K01		R110	0611
	J 2	0980168K01		R111	0611
	J 3	0980179н01	Connector	R112	0611
				R113	0611
	T 1 T 4	2/ 20070 70/	COIL:	R115	0611
	L1-L4 L 5	2480079J04		R116	0611
	L G	2480079J05 2480079J08	tapped 8.5 turns 8.5 turns	R117	0611
	L 7	2480079J11		R118	0611
	L 8	2411939B15	tapped 8.5 turns white 10.5 turns	R119	0611
	L 51	2482835G03	red-blu-gld 2.6uH	R120	0611
	L 52	2482835G03	red-blu-gld 2.6uH	R121 R122	0611
	L 53	2482835G03	red-blu-gld 2.6uH	R122 R123	
	L 54	2580000E01	Quad coil 455kHz	R125	0611 0610
	L 55	2482723H35	red 23uH	R152	0610
	L151	2480299D01	orange 11.75 turns	R155	0610
	L152	2482723H37	blue 6.2uH	R156	0611
	L201	2480164J03	6.5 turns	R157	0611
	L202	2482723H36	yellow 0.41uH	R158	0611
	L203-			R159	0611
	L207	2480044F09	5.6uH	R160	0611
	L208	2482723H46	blu-grn 0.2uH	R161	0611
	L209	2480044F09	5.6uH	R162	0611
	L210	2480164J05	7.5 turns	R201	0611
	L211	2482723H36	yellow 0.41uH	R202	0611
	L212-			R203	0611
	L216	2480044F09	5.6uH	R204	0611
	L217	2482723H46	blu-grn 0.2uH	R205	0611
	L218	2480044 <b>F</b> 09	5.6uH	R206	0611
				R207	0611
	Q 1	4811043B12	TRANSISTOR: (SEE NOTE)	R208	0611
	Q 51	4811043B12 4811043B12	FET M3B12 (alt: M9839) FET M3B12 (alt: M9839)	R209	0611
	Q 51 Q 52	4811043B12 4811043B03	M3B03 (alt: M9571)	R210	0611
	Q 53	4802081B30	M1B30 (alt: M1B10)	R211	0611
	Q101	4802081B30 4802081B31	M1B30 (alt: M1B10) M1B31 (alt: M1B11)	R212	0611
	Q102	4800869987	M9987	R213 R214	0611
	Q103	4800869987	M9987	R214 R215-	0611
	Q104	4802081B31	M1B31 (alt: M1B11)	R213-	0611
	Q105	4802081B30	M1B30 (alt: M1B10)	R217	0611
	Q106	4880182D41	MOSFET M2D41	R218 R219	0611
	Q107	4811043B16	M3B16 (alt: M9932)	R220	0684
	Q151	4802081B30	M1B30 (alt: M1B10)	R221	0684
	Q152	4802081B31	M1B31 (alt: M1B11)	R222	0611
	-				

Q201	4811043B12	FET M3B12 (alt: M9839)
Q202	4802081830	M1B30 (alt: M1B10)
Q203	4811043B19	M3B19 (alt: M9658)
Q204	4811043B16	
Q205	4811043B12	FET M3B12 (alt: M9839)
Q206 Q207	4802081B30 4811043B19	M1B30 (alt: M1B10) M3B19 (alt: M9658)
Q208	4811043B16	
Q251	4802081B30	M1B30 (alt: M1B10)
	•	
RT151	0683600K06	THERMI STOR: 10k
RT152	0683600K06	10k /
RT153	0683600K05	100k
		DECTOTOD. EV 1/011
		<u>RESISTOR:</u> 5% 1/8W unless otherwise stated
R 1	0611024A93	68k (chip)
R 2	0611024A43	560 (chip)
R 3	0611024A93	68k (chip)
R 51 R 53	0611024A55 0611024A29	1.8k (chip) 150 (chip)
R 54	0611024A41	470 (chip)
R 55	0611024A49	lk (chip)
R 56	0611024B20	820k (chip)
R 57 R 58	0611024B06 0611024B02	220k (chip) 150k (chip)
R 59	1805500L08	22k variable
R 60	0611024A93	68k (chip)
R 61	0611024A95	82k (chip)
R 62	0611024A43	560 (chip)
R101 R102	0602438B15 0611024A51	150 0.5W 1.2k (chip)
R103	0611024A73	10k (chip)
R104	0611024A73	10k (chip)
R105	0611024A73	10k (chip)
R106 R107	0611024A01 0611024A77	10 (chip) 15k (chip)
R107	0611024A77	15k (chip)
R109	0611024A35	270 (chip)
R110	0611024A47	820 (chip)
R111 R112	0611024A35	270 (chip)
R112 R113	0611024A37 0611024A61	330 (chip) 3.3k (chip)
R115	0611024A63	3.9k (chip)
R116	0611024A37	330 (chip)
R117 R118	0611024A53 0611024A69	1.5k (chip)
R119	0611024A09	6.8k (chip) 10k (chip)
R120	0611024A19	56 (chip)
R121	0611024A19	56 (chip)
R122 R123	0600185A35	270 0.25W
R123	0611024A25 0610621E20	100 (chip) 210k 1% 0.25W
R153	0610621C71	6.19k 1% 0.25W
R155	0610621C59	4.640 1% 0.25W
R156	0611024A97	100k (chip)
R157 R158	0611024A73 0611024A73	10k (chip) 10k (chip)
R159	0611024A77	15k (chip)
R160	0611024A09	22 (chip)
R161 R162	0611024A53 0611024A49	1.5k (chip)
R201	0611024A49	lk (chip) 56 (chip)
R202	0611024A73	10k (chip)
R203	0611024A33	220 (chip)
R204 R205	0611024A65	4.7k (chip)
R205	0611024A73 0611024A45	10k (chip) 680 (chip)
R207	0611024A57	2.2k (chip)
R208	0611024A45	680 (chip)
R209	0611024A29	150 (chip)
R210 R211	0611024A35 0611024A19	270 (chip) 56 (chip)
R212	0611024A35	270 (chip)
R213	0611024A07	18 (chip)
R214	0611024A97	100k (chip)
R215- R217	0611024A73	10k (chip)
R217	0611024A73	10k (chip) 220 (chip)
R219	0611024A77	15k (chip)
R220	0684764A22	560 0.25W
R221 R222	0684764A22	560 0.25W
~~~~	0611024A45	680 (chip)

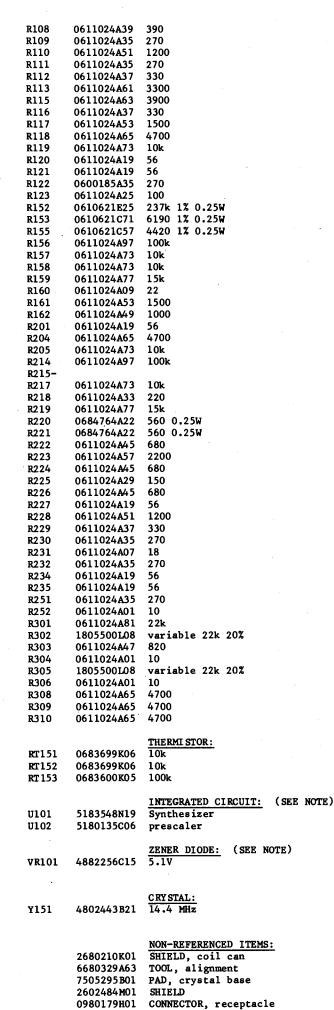
R223	0611024A57	2.2k (chip)	C221	2111032A09	0.001 10% (chip)
R224	0611024 <b>A</b> 45		C222	2111032A09	0.001 10% (chip)
R225	0611024A29		C223	2111031A03	1.5pF 0.25pF (chip)
R226	0611024A45		C224	2111031A19	15pF 5% (chip)
R227	0611024A19	•	C225	2111031A05	2.2pF 0.25pF (chip)
R228	0611024A51		C226	2111031A21	18pF 5% (chip)
R229 R230	0611024A37 0611024A35		C227 C228	2111031A08 2111031A21	3.9pF 0.25pF (chip) 18pF 5% (chip)
R231	0611024A07	18 (chip)	C228 C229	2111031A21 2111031A19	15pF 5% (chip)
R232	0611024A35	· · ·	C230	2111031A19	15pF 5% (chip)
R233	0611024A19		C231	2111031A03	1.5 0.25pF (chip)
R234	0611024A19	· · · · · · · · · · · · · · · · · · ·	C232	2111032A09	0.001 10% (chip)
R235	0611024A19	56 (chip)	C233	2111032A09	0.001 10% (chip)
R236	0611024A35		C234	2111032A09	0.001 10% (chip)
R251	0611024A35		C235	2111031A07	3.3pF 0.25pF (chip)
R252	0611024A01	• • •	C237	2111032A09	0.001 10% (chip)
R301 R302	0611024A85 1880080J01	• •	C238- C241	2111022400	0.001.10% (abia)
R303	0611024A49		C241	2111032A09 2111031A13	0.001 10% (chip) 8.2pF 0.5pF (chip)
R304	0611024A01		C242	2111031A19	0.001 10% (chip)
R305	1880080J01	•	C244	2111032A09	0.001 10% (chip)
R306	0611024A01	10 (chip)	C251-		
R308-		•	C254	2111032A21	0.01 10% (chip)
R310	0611024A65	4.7k (chip)	C301	2311048B05	1 20%
			C302	0811051A17	0.047 5% 63V
		INTEGRATED CIRCUIT: (SEE NOTE)	C303	2111031A51	330pF 5% (chip)
U 51	5105479G05		C304-		
U101	5183548N19	Divider	C306	2111031A39	100pF 5% (chip)
<b>U102</b>	5180135C06	Prescaler	C307 C308	2111031A51	330pF 5% (chip)
		ZENER DIODE: (SEE NOTE)	C308 C310-	2111031A51	330pF 5% (chip)
VR101	4882256C15		C310-	2111031A51	330pF 5% (chip)
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			2111001.01	550pi 5% (0.12p)
		FILTER:			DIODE: (SEE NOTE)
¥ 51	9180082J02	Filter 21.4MHz Matched pair A/B	CR101	4883654H01	Silicon
¥ 52	4805488G03		CR102	4883654H01	Silicon
or	4805488G04		CR151	4882190H54	Silicon, varactor
¥151	4802443B21	Crystal 14.4MHz	CR152	4882190H54	Silicon, varactor
			CR153	4884399M01	Silicon
		NON-REFERENCED ITEMS:	CR154	4884399M01	Silicon
	2680138J01	Shield	CR204	4882190H54	Silicon, varactor
	2680153J01	Shield 3 used	CR205	4882190H54	Silicon, varactor
	2680210K01	Shield Coil	CR206	4882190154	Silicon, varactor
	2680210K01	Shield Coil	CR206 CR207	4882190H54 4884616A01	Silicon, varactor Silicon, hot carrier
GLC6049					Silicon, hot carrier
GLC6049		Shield Coil r RF Board 66-88MHz			Silicon, hot carrier CONNECTOR, receptacle
			CR207	4884616A01	Silicon, hot carrier CONNECTOR, receptacle
	A Transmitte	r RF Board 66-88MHz DESCRIPTION	CR207 J1, J2	4884616A01 0980168K01	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u>
	A Transmitte	r RF Board 66-88MHz DESCRIPTION <u>CAPACITOR, fixed:</u> uF 50V	CR207 J1, J2 L151	4884616A01 0980168K01 24802 <b>9</b> 9D01	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange)
SYMBOL	A Transmitte PART NO.	r RF Board 66-88MHz DESCRIPTION <u>CAPACITOR, fixed:</u> uF 50V unless otherwise stated	CR207 J1, J2 L151 L152	4884616A01 0980168K01 2480299D01 2482723H37	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue)
SYMBOL	A Transmitte PART NO. 2111031A51	r RF Board 66-88MHz DESCRIPTION <u>CAPACITOR, fixed:</u> uF 50V unless otherwise stated 330pF 5% (chip)	CR207 J1, J2 L151 L152 L210	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable
SYMBOL C9 C51	A Transmitte PART NO. 2111031A51 2111032A21	r RF Board 66-88MHz DESCRIPTION <u>CAPACITOR, fixed:</u> uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip)	CR207 J1, J2 L151 L152 L210 L211	4884616A01 0980168K01 2480299D01 2482723H37	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue)
SYMBOL C9 C51 C80	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13	r RF Board 66-88MHz DESCRIPTION <u>CAPACITOR, fixed:</u> uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V	CR207 J1, J2 L151 L152 L210 L211 L212-	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow)
SYMBOL C9 C51 C80 C101	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13	TRF Board 66-88MHz DESCRIPTION <u>CAPACITOR, fixed:</u> uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V	CR207 J1, J2 L151 L152 L210 L211 L212- L216	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF
C9 C51 C80 C101 C102	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 0811051A13	DESCRIPTION <u>CAPACITOR, fixed:</u> uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green)
C9 C51 C80 C101 C102 C103	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 0811051A13 2111032A21	DESCRIPTION <u>CAPACITOR, fixed:</u> uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 10% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF
C9 C51 C80 C101 C102 C103 C104	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 0811051A13 2111032A21 2311048B13	r RF Board 66-88MHz DESCRIPTION <u>CAPACITOR, fixed:</u> uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 0.1 5% 63V 0.01 10% (chip) 10 20% 16V	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH
C9 C51 C80 C101 C102 C103 C104 C105	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21	r RF Board 66-88MHz DESCRIPTION <u>CAPACITOR, fixed:</u> uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT
C9 C51 C80 C101 C102 C103 C104 C105 C106	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21 2311043B13	r RF Board 66-88MHz DESCRIPTION <u>CAPACITOR, fixed:</u> uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT <u>MIB31 (alt: MIB11)</u>
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2311048B13 2111032A21 2111031A19 2111032B13	r RF Board 66-88MHz DESCRIPTION <u>CAPACITOR, fixed:</u> uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT <u>MIB31 (alt: MIB11)</u> M9987
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2311048B13 2111032A21 2111031A19 2111032B13 0811051A13	cr RF Board 66-88MHz         DESCRIPTION         CAPACITOR, fixed: uF 50V         unless otherwise stated         330pF 5% (chip)         0.01 10% (chip)         10 20% 16V         10 20% 16V         0.01 5% 63V         0.01 10% (chip)         10 20% 16V         0.01 5% 63V         0.01 10% (chip)         15pF 5% (chip)         0.10 +80-20% (chip)         0.1 5% 63V	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT MIB31 (alt: MIB11) M9987 M9987
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2311048B13 2111032A21 2111031A19 2111032B13	cr RF Board 66-88MHz         DESCRIPTION         CAPACITOR, fixed: uF 50V         unless otherwise stated         330pF 5% (chip)         0.01 10% (chip)         10 20% 16V         10 20% 16V         0.01 5% 63V         0.01 10% (chip)         10 20% 16V         0.01 10% (chip)         10 20% 16V         0.01 10% (chip)         10 50% 16V         0.01 10% (chip)         10 50% 5% (chip)         0.10 +80-20% (chip)         0.10 +80-20% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT MIB31 (alt: MIB11) M9987 MIB31 (alt: MIB11)
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A21 2111032A21 2111032B13 0811051A13 2111032B13	cr RF Board 66-88MHz         DESCRIPTION         CAPACITOR, fixed: uF 50V         unless otherwise stated         330pF 5% (chip)         0.01 10% (chip)         10 20% 16V         10 20% 16V         0.01 10% (chip)         15pF 5% (chip)         0.10 +80-20% (chip)         0.10 +80-20% (chip)         2.2 20% 20V	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987 4802081B31	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT MIB31 (alt: MIB11) M9987 M9987
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A21 2111032A21 2111032A3 2111032A3 2111032B13 2384538G08	cr RF Board 66-88MHz         DESCRIPTION         CAPACITOR, fixed: uF 50V         unless otherwise stated         330pF 5% (chip)         0.01 10% (chip)         10 20% 16V         0.1 5% 63V         0.01 10% (chip)         10 20% 16V         0.1 5% 63V         0.01 10% (chip)         15 20% 16V         0.01 10% (chip)         10 5% 63V         0.01 10% (chip)         10 5% 63V         0.10 +80-20% (chip)         0.1 5% 63V         0.10 +80-20% (chip)         2.2 20% 20V         0.01 5% 63V	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987 4802081B31 4802081B31	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT MIB31 (alt: MIB11) M9987 MIB31 (alt: MIB11) MIB30 (alt: MIB10)
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 211032A21 2311048B13 2111032A21 2111032A21 2111032A21 2111032A13 2111032B13 0811051A13 21384538G08 0811051A07	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 2.2 20% 20V 0.01 5% 63V 0.01 10% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987 4802081B31 4802081B31 4802081B31 4802081B31	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT MIB31 (alt: MIB11) M9987 MIB31 (alt: MIB11) MIB30 (alt: MIB10) BS170
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2111032A21 2111032A21 2111032B13 0811051A13 2138608 0811051A07 2111032A21	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 2.2 20% 20V 0.01 5% 63V 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 48002081B31 480086987 4802081B31 4802081B31 4802081B31 4802081B31	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT M1B31 (alt: M1B11) M9987 M9987 M1B31 (alt: M1B11) M1B30 (alt: M1B10) BS170 M3B16 (alt: M9932)
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2111032A21 2111032B13 284538G08 0811051A07 2111032A21 2111032A21	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 0.1 5% 63V 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.01 5% 63V	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q151	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4802081B31 4802081B30 4880182D41 4811043B16 4802081B30	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT <u>MIB31 (alt: MIB11)</u> M9987 M9987 M1B31 (alt: MIB11) M1B30 (alt: MIB10) BS170 M3B16 (alt: M1B10)
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111031A19 2111032B13 0811051A13 2184538G08 0811051A07 2111032A21 2111032A21 2111032A21 2111032A29 2111032A09 2111032A09	pr RF Board 66-88MHz         DESCRIPTION         CAPACITOR, fixed: uF 50V         unless otherwise stated         330pF 5% (chip)         0.01 10% (chip)         10 20% 16V         10 20% 16V         10 20% 16V         0.01 10% (chip)         10 20% 16V         0.01 10% (chip)         10 20% 16V         0.01 10% (chip)         15pF 5% (chip)         0.10 +80-20% (chip)         0.10 +80-20% (chip)         2.2 20% 20V         0.01 5% 63V         0.01 10% (chip)         0.1 5% 63V         0.001 10% (chip)         0.01 10% (chip)         0.01 10% (chip)         0.01 10% (chip)         0.001 10% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q202 Q205	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4802081B30 4802081B30 4802081B31 4802081B30 4802081B30 4802081B30 4811043B12	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT <u>MIB31 (alt: MIB11)</u> M9987 M9987 M1B31 (alt: MIB11) M1B30 (alt: MIB10) BS170 M3B16 (alt: M9932) M1B30 (alt: MIB10) M1B31 (alt: MIB11) M1B30 (alt: MIB10) FET M3B12 (alt: M9839
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032B13 0811051A13 2111032A1 2111032A21 2111032A21 0811051A13 2111032A29 2111032A09 2111032A09 2111032A09	pr RF Board 66-88MHz         DESCRIPTION         CAPACITOR, fixed: uF 50V         unless otherwise stated         330pF 5% (chip)         0.01 10% (chip)         10 20% 16V         10 20% 16V         10 20% 16V         0.01 10% (chip)         10 50% 16V         0.01 10% (chip)         0.1 5% 63V         0.10 +80-20% (chip)         0.22 20% 20V         0.01 5% 63V         0.01 10% (chip)         0.01 10% (chip)         0.1 5% 63V         0.01 10% (chip)         0.1 5% 63V         0.001 10% (chip)         0.01 10% (chip)         0.001 10% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q205 Q206	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4802081B30 4880182D41 481043B16 4802081B30 4802081B30 4802081B30	Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COIL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT MIB31 (alt: MIB11) M9987 MIB31 (alt: MIB11) MIB30 (alt: MIB10) BS170 M3B16 (alt: M1B10) MIB31 (alt: MIB10) MIB30 (alt: MIB10) FET M3B12 (alt: MIB10) FET M3B12 (alt: MIB10)
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A13 2384538G08 0811051A13 2111032A21 2111032A21 0811051A13 2111032A21 0811051A13 2111032A29 2111032A09 2111032A09 2111032A09 2111032A09	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 0.10 5% 63V 0.01 10% (chip) 0.01 5% 63V 0.01 10% (chip) 0.11 5% 63V 0.001 10% (chip) 0.01 10% (chip) 0.001 10% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q202 Q205 Q205 Q206 Q207	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4802081B31 4802081B30 4802081B30 4802081B30 481043B12 4802081B30 481043B19	Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COIL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT MIB31 (alt: MIB11) M9987 M1B31 (alt: MIB11) M1B30 (alt: M1B10) BS170 M3B16 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) FET M3B12 (alt: M9835 M1B30 (alt: M1B10) M3B19 (alt: M1B10) M3B19 (alt: M9658)
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032B13 0811051A13 2111032B13 0811051A07 2111032A21 0811051A07 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 0.10 5% 63V 0.01 10% (chip) 0.01 5% 63V 0.01 10% (chip) 0.01 10% (chip) 0.001 10% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q202 Q205 Q206 Q207 Q208	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 4811043B16	Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COIL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT M1B31 (alt: M1B11) M9987 M9987 M1B31 (alt: M1B11) M1B30 (alt: M1B10) BS170 M3B16 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) FET M3B12 (alt: M9832) M1B30 (alt: M1B10) M3B19 (alt: M9932)
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A13 284538G08 0811051A13 2111032A21 2111032A21 2111032A21 0811051A13 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 211032A09 211032A09 211032A09 211032A09 211032A09	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 0.10 5% 63V 0.01 10% (chip) 0.01 5% 63V 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.001 10% (chip) 0	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q202 Q205 Q205 Q206 Q207	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4802081B31 4802081B30 4802081B30 4802081B30 481043B12 4802081B30 481043B19	Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COIL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT MIB31 (alt: MIB11) M9987 M1B31 (alt: M1B11) M1B30 (alt: M1B10) BS170 M3B16 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) FET M3B12 (alt: M9835 M1B30 (alt: M1B10) M3B19 (alt: M1B10) M3B19 (alt: M9658)
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A13 2111032B13 2384538G08 0811051A13 2111032A21 2111032A21 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 0.1 5% 63V 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.001 10%	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q202 Q205 Q206 Q207 Q208	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 4811043B16	Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COLL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT M1B31 (alt: M1B11) M9987 M9987 M1B31 (alt: M1B10) BS170 M3B16 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) FET M3B12 (alt: M9835 M1B30 (alt: M1B10) M3B19 (alt: M9932) M1B30 (alt: M1B10) M3B19 (alt: M1B10)
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C151 C152 C153 C154	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A21 2111032B13 284538G08 0811051A13 2111032A21 0811051A13 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A01	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 0.10 5% 63V 0.01 10% (chip) 0.01 5% 63V 0.01 10% (chip) 0.1 5% 63V 0.001 10% (chip) 0.1 5% 63V 0.001 10% (chip) 0.10 10% (chip) 0.001	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q202 Q205 Q206 Q207 Q208	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 4811043B16	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT <u>M1B31 (alt: M1B11)</u> M9987 M9987 M9987 M1B31 (alt: M1B10) BS170 M3B16 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) FET M3B12 (alt: M9839 M1B30 (alt: M1B10) M3B16 (alt: M9932) M1B30 (alt: M1B10) M3B16 (alt: M9932) M1B30 (alt: M1B10) M3B16 (alt: M1B10) M3B16 (alt: M1B10) M3B10 (alt: M1B10) M3B30 (alt: M1B10) RESISTOR, fixed: chi
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A1 2111032B13 2384538G08 0811051A13 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 10 20% 16V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 2.2 20% 20V 0.01 10% (chip) 0.11 10% (chip) 0.11 5% 63V 0.001 10% (chip) 0.15% 63V 0.001 10% (chip) 0.001	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q205 Q206 Q207 Q208 Q251	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4802081B31 4802081B30 4802081B30 4802081B30 4802081B30 481043B12 4802081B30 481043B13	Silicon, hot carrier <u>CONNECTOR, receptacle</u> Female, coaxial type <u>COIL, rf:</u> 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH <u>TRANSISTOR:</u> (SEE NOT <u>MIB31 (alt: MIB11)</u> M9987 M9987 M1B31 (alt: MIB11) M1B30 (alt: MIB10) BS170 M3B16 (alt: M9932) M1B30 (alt: M1B10) M1B31 (alt: M1B10) FET M3B12 (alt: M1B10) M1B30 (alt: M1B10) FET M3B12 (alt: M9835 M1B30 (alt: M1B10) M3B16 (alt: M9932) M1B30 (alt: M1B10) M3B16 (alt: M9932) M1B30 (alt: M1B10) M3B16 (alt: M1B10) M
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C155 C156	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111031A19 2111032B13 0811051A13 2111032A21 2111032A21 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211000 2100 2100 2100 2100 2100 2100 2100 2100 210	ar RF Board 66-88MHz         DESCRIPTION         CAPACITOR, fixed: uF 50V         unless otherwise stated         330pF 5% (chip)         0.01 10% (chip)         10 20% 16V         0.02 16V         0.01 10% (chip)         10 20% 16V         0.01 10% (chip)         10 50% 63V         0.1 5% 63V         0.01 10% (chip)         2.2 20% 20V         0.01 5% 63V         0.01 10% (chip)         0.01 10% (chip)         0.01 10% (chip)         0.001 10% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q205 Q206 Q207 Q208 Q251 R101	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 481043B12 4802081B30 481043B19 4811043B16 4802081B30	Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COIL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT MIB31 (alt: MIB11) M9987 MIB31 (alt: MIB11) M1B30 (alt: MIB10) BS170 M3B16 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) M3B19 (alt: M9932) M1B30 (alt: M1B10) M3B16 (alt: M1B10) M3B
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A21 2111032B13 0811051A13 2111032A21 2111032A21 2111032A21 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 2111032A15 211105 211105 211105 211105 211105 21	Ar RF Board 66-88MHz         DESCRIPTION         CAPACITOR, fixed: uF 50V         unless otherwise stated         330pF 5% (chip)         0.01 10% (chip)         10 20% 16V         0.1 5% 63V         0.01 10% (chip)         10 20% 16V         0.1 5% 63V         0.01 10% (chip)         15 pF 5% (chip)         0.1 5% 63V         0.1 5% 63V         0.1 5% 63V         0.01 10% (chip)         2.2 20% 20V         0.01 10% (chip)         0.001 10% (chip)         0.01 10% (chip) <td>CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q202 Q205 Q205 Q206 Q207 Q208 Q251 R101 R102</td> <td>4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987 4802081B31 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B15 0602438B15 0611024A25</td> <td>Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COIL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT MIB31 (alt: MIB11) M9987 M1B31 (alt: MIB11) M1B30 (alt: M1B10) BS170 M3B16 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) M1B31 (alt: M1B10) M3B19 (alt: M1B10) M3B19 (alt: M1B10) M3B16 (alt: M1B10) M3B19 (alt: M1B10) M3B16 (alt: M1B10) M3B16 (alt: M1B10) M3B19 (alt: M1B10) M3B16 (alt: M1B10) M3B19 (alt: M1B10) M1B30 (alt: M1B10) M1B</td>	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q202 Q205 Q205 Q206 Q207 Q208 Q251 R101 R102	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987 4802081B31 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B15 0602438B15 0611024A25	Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COIL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT MIB31 (alt: MIB11) M9987 M1B31 (alt: MIB11) M1B30 (alt: M1B10) BS170 M3B16 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) M1B31 (alt: M1B10) M3B19 (alt: M1B10) M3B19 (alt: M1B10) M3B16 (alt: M1B10) M3B19 (alt: M1B10) M3B16 (alt: M1B10) M3B16 (alt: M1B10) M3B19 (alt: M1B10) M3B16 (alt: M1B10) M3B19 (alt: M1B10) M1B30 (alt: M1B10) M1B
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A1 2111032A1 211032A21 211032A21 211032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A15 2111032A21 2302057B09 2111031A45 2111031A45 2111032A21	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 0.1 20% 16V 0.1 5% 63V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 0.10 *80-20% (chip) 0.10 *80-20% (chip) 0.11 5% 63V 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.001	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q202 Q205 Q206 Q207 Q208 Q251 R101 R102 R103	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987 4800869987 480081B30 4802081B30 4802081B30 4802081B30 4802081B30 481043B16 4802081B30 481043B12 4802081B30 481043B15 0602438B15 061024A25 0611024A25 0611024A73	Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COIL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT MIB31 (alt: MIB11) M9987 M1B31 (alt: MIB11) M1B30 (alt: MIB10) BS170 M3B16 (alt: M9932) M1B30 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M3B19 (alt: M9858) M3B16 (alt: M9932) M1B30 (alt: M1B10) RESISTOR, fixed: chi unless otherwise stat 150 0.5W 100 10k
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2311048B13 2111032A21 2111032A21 2111032A21 2111032B13 284538G08 0811051A13 2111032A21 2111032A21 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A15 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 2.2 20% 20V 0.01 5% 63V 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.001 10% (chip) 0.01 10% (chip) 22pF 5% (chip) 22pF 5% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q202 Q205 Q206 Q207 Q208 Q251 R101 R102 R103 R104	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987 4800869987 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 481043B12 4802081B30 4811043B15 0602438B15 0611024A25 0611024A73 0611024A25	Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COIL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT M1B31 (alt: M1B11) M9987 M9987 M987 M987 M1B31 (alt: M1B11) M1B30 (alt: M1B10) BS170 M3B16 (alt: M9932) M1B30 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) FET M3B12 (alt: M9835 M1B30 (alt: M1B10) FET M3B12 (alt: M9832) M1B30 (alt: M1B10) RESISTOR, fixed: chi unless otherwise stat 150 0.5W 100 10k 100
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2311048B13 2111032A21 2111032A21 2111032A21 2111032B13 284538G08 0811051A13 2111032A21 2111032A21 2111032A21 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A15 2111032A15 2111031A45 2111031A45 2111031A23 2111031A23 2111031A23 2111031A23	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 0.10 *80-20% (chip) 2.2 20% 20V 0.01 5% 63V 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.001 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 180pF 5% (chip) 180pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q205 Q206 Q207 Q208 Q251 R101 R102 R103 R104 R105	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 481043B12 4802081B30 481043B13 4802081B30 6002438B15 061024A25 0611024A73 0611024A73	Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COIL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT M1B31 (alt: M1B11) M9987 M9987 M987 M3B16 (alt: M1B10) BS170 M3B16 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) FFT M3B12 (alt: M9839 M1B30 (alt: M1B10) FFT M3B12 (alt: M9839 M1B30 (alt: M1B10) M3B19 (alt: M1B10) M3B16 (alt: M9932) M1B30 (alt: M1B10) RESISTOR, fixed: chi unless otherwise stat 150 0.5W 100 10k
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A21 2111032B13 284538G08 0811051A13 2111032A21 2111032A21 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A15 2111032A15 2111032A21 2302057B09 2111031A45 2111031A45 2111031A23 2111031A36	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 2.2 20% 20V 0.01 5% 63V 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.001 10% (chip) 0.01 10% (chip) 180pF 5% (chip) 180pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q202 Q205 Q206 Q207 Q208 Q251 R101 R102 R103 R104 R105 R106	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 2482723H46 2480044F09 4802081B31 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481043B12 4802081B30 481044425 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6611024A25 6	Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COLL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT M1B31 (alt: M1B11) M9987 M9987 M1B31 (alt: M1B11) M1B30 (alt: M1B10) BS170 M3B16 (alt: M9932) M1B30 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) FET M3B12 (alt: M9835) M1B30 (alt: M1B10) M3B16 (alt: M9932) M1B30 (alt: M1B10) M3B16 (alt: M1B10) M3B16 (alt: M1B10) M3B16 (alt: M1B10) RESISTOR, fixed: chi unless otherwise stat 150 0.5W 100 10k 10
C9 C51 C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160	A Transmitte PART NO. 2111031A51 2111032A21 2311048B13 2311048B13 2311048B13 2311048B13 2111032A21 2111032A21 2111032A21 2111032B13 284538G08 0811051A13 2111032A21 2111032A21 2111032A21 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A15 2111032A15 2111031A45 2111031A45 2111031A23 2111031A23 2111031A23 2111031A23	r RF Board 66-88MHz DESCRIPTION CAPACITOR, fixed: uF 50V unless otherwise stated 330pF 5% (chip) 0.01 10% (chip) 10 20% 16V 10 20% 16V 0.01 10% (chip) 10 20% 16V 0.01 10% (chip) 15pF 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 2.2 20% 20V 0.01 5% 63V 0.01 10% (chip) 0.01 10% (chip) 0.01 10% (chip) 0.001 10% (chip) 0.01 10% (chip) 180pF 5% (chip) 180pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip)	CR207 J1, J2 L151 L152 L210 L211 L212- L216 L217 L218 Q101 Q102 Q103 Q104 Q103 Q104 Q105 Q106 Q107 Q151 Q152 Q205 Q206 Q207 Q208 Q251 R101 R102 R103 R104 R105	4884616A01 0980168K01 2480299D01 2482723H37 2480164J05 2482723H36 2480044F09 2482723H46 2480044F09 4802081B31 4800869987 4800869987 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 4802081B30 481043B12 4802081B30 481043B13 4802081B30 6002438B15 061024A25 0611024A73 0611024A73	Silicon, hot carrier CONNECTOR, receptacle Female, coaxial type COIL, rf: 17.75 turns (orange) 6.2uH (blue) variable 0.4luF (yellow) choke 5.6uF 0.2uF (blue-green) choke 5.6uH TRANSISTOR: (SEE NOT M1B31 (alt: M1B11) M9987 M9987 M987 M3B16 (alt: M1B10) BS170 M3B16 (alt: M1B10) M1B31 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B30 (alt: M1B10) FFT M3B12 (alt: M9839 M1B30 (alt: M1B10) FFT M3B12 (alt: M9839 M1B30 (alt: M1B10) M3B19 (alt: M1B10) M3B16 (alt: M9932) M1B30 (alt: M1B10) RESISTOR, fixed: chi unless otherwise stat 150 0.5W 100 10k

0% (chip) .5pF (chip) 0% (chip) 0% (chip) % (chip) % 63V % (chip) % (chip) % (chip) % (chip) % (chip) (SEE NOTE) varactor varactor varactor varactor varactor hot carrier OR, receptacle: coaxial type

	TRANSI STOR:	(SEE NOTE)
4802081B31	M1B31 (alt:	M1B11)
4800869987	M9987	
4800869987	M9987	
4802081B31	M1B31 (alt:	M1B11)
4802081B30	M1B30 (alt:	M1B10)
4880182D41	BS170	
4811043B16	M3B16 (alt:	M9932)
4802081B30	M1B30 (alt:	M1B10)
4802081B31	M1B31 (alt:	M1B11)
4802081B30	M1B30 (alt:	M1B10)
4811043B12	FET M3B12 (a	alt: M9839)
4802081B30	M1B30 (alt:	M1B10)
4811043B19	M3B19 (alt:	M9658)
4811043B16	M3B16 (alt:	M9932)
4802081B30	M1B30 (alt:	M1B10)

R, fixed: chip 5% 0.125W otherwise stated W.

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2680182H01 SHIELD, rf

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GLC6050A Power Amplifier 10W 66-88MHz				
SYMBOL	PART NO.	DESCRIPTION		
		CAPACITOR, fixed: pF 5% 50V		
		(chip) unless otherwise stated		
C1110	2111031A65	1800		
C1111	2111031A19	15		
C1112	2111031A56	510		
C1113	2111031A53	390		
C1114	2111031A53	390		
C1120	2111031A45	180		
C1121	2111031A65	1800		
C1130	2111031A37	82 390		
C1131 C1133	2111031A53 2111033B39	120 100V		
C1135 C1134	2111033B43	180 100V		
C1134 C1135	2111031A33	56		
	2111031A53	390		
C1137	2111031A65	1800		
C1139	2111033B39	120 100V		
C1147	2111032B13	0.1uF +80-20%		
C1148	0811051A17	0.47uF 63V		
	2111031A65	1800		
C1151	2180240G45	75		
C1152	2180240G46	82		
C1153	2180240G48	100		
C1154	2180240G46	82		
C1155	2180240G03	. 39		
C1160	2182450B11	3.0 500V		
C1161	2111031A10	5.6		
	2111031A26	30		
C1171	2111031A28	36		
	2111031A56	510		
	2111031A65	1800		
C1180	2111031A65	1800		
		DIODE: (SEE NOTE)		
	4880236E07	Zener 28V		
CR1160	4884616A01	Hot carrier		
	4883510F04	Silicon pin		
CR1171	4883510F04	Silicon pin		
		CONNECTOR:		
J8	0102716B69	Assy coax includes:		
	0982442E01	female, single contact		
	1500483599			
	3083794C01	cable, coaxial		
	4303423A01	bushing, coaxial		
		COIL, RF:		
L1110	2411030B15	10.5 turns white		
L1111	2411030B15	10.5 turns white		
L1112	2480036A01	Ferrite bead		
L1121	2411030B07	3.5 turn, white		
L1122	2411030B11	6.5 turns orange Ferrite bead: 1/2 turn		
L1123	2480036A01	Ferrite bead; 1/2 turn 8.5 turns, green		
L1124	2411030B13 2480036401	5.5 turns, green Ferrite beed: 1/2 turns		

L1125

L1130

L1132

L1133

L1134

2480036A01

2411030B07

2480044F10

2411030A06

2411030A04

<b>DII</b> 34	7411020H04	o carno, brac
L1135	2411030A03	4 turns, yellow
L1136	2480036A01	Ferrite bead; 1/2 turn
L1137	2411030E07	green
L1150	2411030B14	9.5 turns, blue
L1151	2411030B14	9.5 turns, blue
L1152	2411030B13	8.5 turns, green
L1153	2411030B14	9.5 turns, blue
L1170	2482723H37	choke, 6.2uH
L1171	2411030B14	9.5 turns, blue
L1172	2482723H37	choke, 6.2uH
		CONNECTOR, plug:
P1	1582694 R03	CONNECTOR, plug: Housing, receptacle
P1	1582694 R03 3982693 R02	
		Housing, receptacle
Р5	3982693R02	Housing, receptacle Contact, receptacle; 4 used
Р5	3982693R02 2802098M02	Housing, receptacle Contact, receptacle; 4 used Male, single contact
Р5	3982693R02 2802098M02	Housing, receptacle Contact, receptacle; 4 used Male, single contact
Р5	3982693R02 2802098M02	Housing, receptacle Contact, receptacle; 4 used Male, single contact Cable, coaxial includes plug
P5 P6, <b>P</b> 7 Q1110	3982693R02 2802098MD2 3080116K06	Housing, receptacle Contact, receptacle; 4 used Male, single contact Cable, coaxial includes plug TRANSISTOR: (SEE NOTE)
P5 P6, <b>P</b> 7 Q1110	3982693R02 2802098M02 3080116K06 4800869657	Housing, receptacle Contact, receptacle; 4 used Male, single contact Cable, coaxial includes plug <u>TRANSISTOR:</u> (SEE NOTE) M9857

Ferrite bead; 1/2 turns

3.5 turns, white

2.5 turns, blue

choke, 6.8uH

6 turns, blue

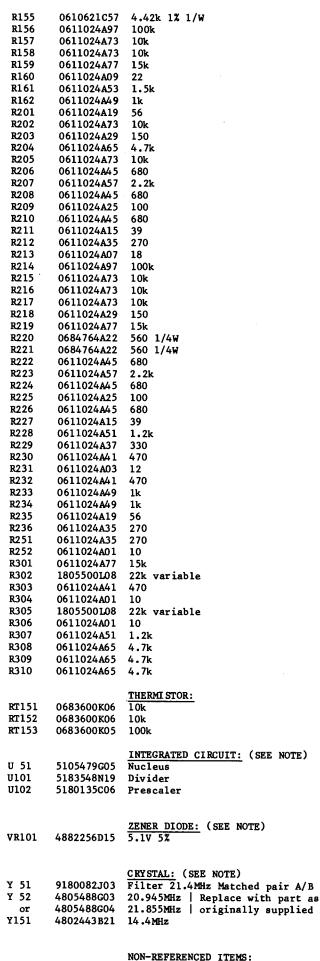
		RESISTOR, fixed: 5% 1/8W chip;	C1255	2180240G03	
		unless otherwise stated	C1260	2182450B11	•
R1110	0611024A49	lk	C1261	2111031A23	22pF 5%
R1111	0611024A39	390	C1262	2111031A26	30pF 5%
R1112	0611024A19	56	C1270		0.0068 10%
R1113	0611024A19	56	C1271	2111031A25	
R1120	0611024A07	18	C1272	2111031A56	
R1121	0611024A07	18	C1273		0.0068 10%
R1122		10	C1280	2111032A19	
R1130	0602369M01		01200	2111032A19	0.0068 10%
R1130					
		10			DIODE: (SEE NOTE)
R1132	0600126A19			4880236E07	
R1133	0600125A05			4884616A01	
R1150	0611024A73			4883510F04	
R1160	0611024A73	10k	CR1271	4883510F04	Silicon
R1161	0611024A75	12k			
R1170	1782036G10	180 10% 2 W			BEAD:
			E1235	7683960B01	
		THERMI STOR:	E1246	7683960B01	
RT1180	0683600K05	100k @ 25°C			
					CONNECTOR:
		NON-REFERENCED ITEMS:	J8	102716B69	
	0780200J01		30		Assy coax includes: plug
				0982442E01	
		FILTER, RFI; 5 used		1500483599	Hood, receptacle
	2680222H01	HEAT SINK, copper		3083794C01	Cable, coaxial
	1484836A01	INSULATOR		0430323A01	Bushing
	0200007003	NUT 8-32 x 5/16 x 1/8"			<b>o</b>
		NUT 3/8-32 x 1/2 x 3/32"			COLL BE.
	0302607801	SCREW M3 x 8; 7 used	11210	0611020012	COIL, RF:
		SOBEL M2 m 6 / used	L1210	2411030B13	
	0302607B02		L1211	2411030B15	10.5 turns (white)
	0380165J07		L1212	2480036A01	Choke, ferrite 0.5 turn
	0380269H09		L1220		3.5 turns (white)
	0400007691	LOCKWASHER, 3/8" internal	L1121	2411030B15	10.5 turns (white)
	0703432A01		L1222		Choke, ferrite 0.5 turn
	0980038K02		L1223		
	1503424A01				10.5 turns (white)
		• -	L1224		Choke, ferrite 0.5 turn
	2680092K01		L1230	2411030A01	2 turns (red)
	2680176H08		L1231	2411030E05	green
	2900005318	LUG, soldering; 2 used	L1232	2482723H46	0.2uH (blue/green)
	4282405R01	CLIP, PA	L1233		5 turns (green)
	1500483599		L1234		0.039uH (blue-yellow)
	4303423A01		L1241	24027251144	10.5 turns (white)
		STRAP .091 x 3.62"; 2 used	L1241		
	42IULI/MUL	JING OVI A JOUL : Z USEU	L1742	7411030806	
		·····			2.5 turns (blue)
		·····	L1243	2411030E03	orange
		·····		2411030E03 2411030A04	orange 5 turns (green)
			L1243	2411030E03 2411030A04	orange 5 turns (green)
GLC6051	A 25W PA (66		L1243 L1244 L1245	2411030E03 2411030A04 2484346A02	orange 5 turns (green) Choke, 0.23uH
GLC6051			L1243 L1244 L1245 L1250	2411030E03 2411030A04 2484346A02 2411030B14	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue)
	A 25W PA (66	-88 MHz)	L1243 L1244 L1245 L1250 L1251	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue)
			L1243 L1244 L1245 L1250 L1251 L1252	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B13	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green)
	A 25W PA (66	-88 MHz) DESCRIPTION	L1243 L1244 L1245 L1250 L1251 L1252 L1253	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B13 2411030B14	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue)
	A 25W PA (66	-88 MHz) DESCRIPTION <u>CAPACITOR, fixed:</u> uF chip 50V	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 241030B14	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue)
SYMBOL.	A 25W PA (66 PART NO.	-88 MHz) DESCRIPTION <u>CAPACITOR, fixed:</u> uF chip 50V unless otherwise stated	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue)
SYMBOL	A 25W PA (66 Part No. 2111031A31	-88 MHz) DESCRIPTION <u>CAPACITOR, fixed:</u> uF chip 50V unless otherwise stated 47 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue)
SYMBOL C1210 C1211	A 25W PA (66 PART NO.	-88 MHz) DESCRIPTION <u>CAPACITOR, fixed:</u> uF chip 50V unless otherwise stated	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue)
SYMBOL	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111031A53	-88 MHz) DESCRIPTION <u>CAPACITOR, fixed:</u> uF chip 50V unless otherwise stated 47 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue)
SYMBOL C1210 C1211	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111031A53	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B13 2411030B14 2482723H37 2411030B14 2482723H37	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) CONNECTOR, plug:
SYMBOL C1210 C1211 C1212 C1213	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111031A53 2111032A19	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and:
SYMBOL C1210 C1211 C1212 C1213 C1214	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111031A53 2111032A19 2111032A19	-88 MHz) DESCRIPTION <u>CAPACITOR, fixed:</u> uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B13 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111031A53 2111032A19 2111032A19 2111032B13	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47pF 5% 0.0068 10% 390pF 5% 0.0068 10% 0.0068 10% 0.0068 10%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact
C1210 C1211 C1212 C1213 C1214 C1215 C1221	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47pF 5% 0.0068 10% 390pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.01 +80-20%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug
C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A65	-88 MHz) DESCRIPTION <u>CAPACITOR, fixed:</u> uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 1800 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact
C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111032B13 2111031A65 2111031A45	-88 MHz) DESCRIPTION <u>CAPACITOR, fixed:</u> uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 1800 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A65 2111031A45 2384538G06	-88 MHz) DESCRIPTION <u>CAPACITOR, fixed:</u> uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.0068 10% 0.0068 10% 10% 0.0068 5% 1800 pF 5% 180 pF 5% 47 20% 20V	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111032B13 2111031A65 2111031A45	-88 MHz) DESCRIPTION <u>CAPACITOR, fixed:</u> uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 1800 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A65 2111031A45 2384538G06	-88 MHz) DESCRIPTION <u>CAPACITOR, fixed:</u> uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.001 +80-20% 1800 pF 5% 180 pF 5% 47 20% 20V 32 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B13 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) CONNECTOR, plug: Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A65 2111031A45 2384538G06 2111031A37 2111031A53	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 180 0 F 5% 180 pF 5% 47 20% 20V 32 pF 5% 290 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) CONNECTOR, plug: Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A65 2111031A45 2384538G06 2111031A37 2111031A53 2111031A49	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47pF 5% 0.0068 10% 390pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.0068 10% 0.0068 10% 0.0068 10% 0.0068 10% 10% 10% 10% 10% 10% 10% 10%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug <u>TRANSISTOR:</u> (SEE NOTE) <u>M9657</u> M5C18 M1B18
C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A65 2111031A65 2111031A45 2384538G06 2111031A37 2111031A53 2111031A49 2111032A19	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.01 +80-20% 1800 pF 5% 180 pF 5% 180 pF 5% 270 pF 5% 270 pF 5% 0.0068 10%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug <u>TRANSISTOR:</u> (SEE NOTE) <u>M9657</u> M5C18 M1B18
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234 C1235	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111031A65 2111031A65 2111031A45 2384538G06 2111031A53 2111031A53 2111031A53 2111031A53	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 180 opF 5% 180 opF 5% 180 opF 5% 270 opF 5% 270 opF 5% 0.0068 10% 0.47 5% 63V	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A65 2111031A65 2111031A45 2384538G06 2111031A37 2111031A37 2111031A37 2111031A49 2111032A19 0811051A17 2111033B37	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 180 0 pF 5% 180 0 pF 5% 180 0 pF 5% 270 0 pF 5% 270 0 pF 5% 270 0 pF 5% 0.0068 10% 0.47 5% 63V 100 0 pF 5% 100V	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A65 2111031A65 2111031A45 2384538G06 2111031A45 2384538G06 2111031A49 2111032A19 0811051A17 2111033B37 2111033B29	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 1800 pF 5% 180 pF 5% 180 pF 5% 270 pF 5% 290 pF 5% 290 pF 5% 0.0068 10% 0.47 5% 63V 100 pF 5% 100V 47 pF 5% 100V	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1220 Q1220	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A65 2111031A45 2384538G06 2111031A45 2384538G06 2111031A49 2111031A49 2111032A19 0811051A17 2111033B37 2111033B44	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 180 0 pF 5% 180 0 pF 5% 180 0 pF 5% 270 0 pF 5% 270 0 pF 5% 270 0 pF 5% 0.0068 10% 0.47 5% 63V 100 0 pF 5% 100V	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 4800869657 4880225C18 4802859	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A65 2111031A65 2111031A45 2384538G06 2111031A45 2384538G06 2111031A49 2111032A19 0811051A17 2111033B37 2111033B29	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 1800 pF 5% 180 pF 5% 180 pF 5% 270 pF 5% 290 pF 5% 290 pF 5% 0.0068 10% 0.47 5% 63V 100 pF 5% 100V 47 pF 5% 100V	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1220 Q1220	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 4800869657 4880225C18 4800869859 0611024A49	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug <u>TRANSISTOR:</u> (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A65 2111031A45 2384538G06 2111031A45 2384538G06 2111031A49 2111031A49 2111032A19 0811051A17 2111033B37 2111033B44	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 1800pF 5% 180pF 5% 180pF 5% 270pF 5% 270pF 5% 270pF 5% 0.0068 10% 0.47 5% 63V 100pF 5% 100V 200pF 5% 100V 0.47 5% 63V	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240 Q1220 R1210 R1211	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 4800869657 4880225C18 4800869657 4880225C18 4800869859 0611024A49 0611024A49 0611024A39	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) CONNECTOR, plug: Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 RESISTOR, fixed: chip 5% 1/8W unless otherwise stated 1000 390
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111031A45 2384538G06 2111031A45 2384538G06 2111031A45 2384538G06 2111031A49 2111031A49 2111033B29 2111033B24 0811051A17 2180240G50	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47pF 5% 0.0068 10% 390pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.01 +80-20% 1800pF 5% 180pF 5% 180pF 5% 270pF 5% 270pF 5% 0.0068 10% 0.47 5% 63V 100vF 5% 100V 0.47 5% 63V 120pF	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240 Q1220 R1210 R1211 R1212	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 4800869657 4880225C18 4800869657 4880225C18 4800869859 0611024A49 0611024A49 0611024A39 0611024A19	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug <u>TRANSISTOR:</u> (SEE NOTE) <u>M9657</u> M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000 390 56
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111031A65 2111031A65 2111031A45 2384538G06 2111031A45 2384538G06 2111031A49 2111032A19 0811051A17 2111033B44 0811051A17 2180240G50 2111033B43	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47pF 5% 0.0068 10% 390pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.01 +80-20% 1800pF 5% 1800pF 5% 1800pF 5% 180pF 5% 270pF 5% 270pF 5% 0.0068 10% 0.47 5% 63V 100pF 5% 100V 200pF 5% 100V 0.47 5% 63V 120pF 180 5% 100V	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1220 Q1240 Q1220 R1210 R1211 R1212 R1213	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080000000000000000000000000000000000	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) CONNECTOR, plug: Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000 390 56 56
C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243 C1244	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111031A65 2111031A65 2111031A45 2384538G06 2111031A53 2111031A53 2111031A53 2111031A53 2111031A53 2111033B37 2111033B44 0811051A17 2180240G50 2111033B43 2180240G45	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 1800 pF 5% 180 pF 5% 17 20% 20V 32 pF 5% 290 pF 5% 270 pF 5% 0.0068 10% 0.47 5% 63V 100 pF 5% 100V 47 pF 5% 100V 200 pF 5% 180 5% 100V 120 pF 180 5% 100V 75 pF	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240 Q1220 R1210 R1211 R1212 R1213 R1220	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 3080116K06 4800869657 4880225C18 4800869657 4880225C18 4800869859 0611024A49 0611024A39 0611024A19 0611024A07	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000 390 56 56 18
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243 C1244 C1245	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032A19 2111032A19 2111031A65 2111031A65 2111031A45 2384538G06 2111031A53 2111031A53 2111031A53 2111031A53 2111033B37 2111033B44 0811051A17 2180240G50 2111033B43 2180240G45 2111031A65	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 1800 pF 5% 180 pF 5% 47 20% 20V 32 pF 5% 270 pF 5% 270 pF 5% 0.0068 10% 0.47 5% 63V 100 pF 5% 100V 47 pF 5% 100V 0.47 5% 63V 120 pF 180 5% 100V 75 pF 180 0 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1220 R1210 R1211 R1212 R1213 R1220 R1221	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 4800869657 4880225C18 4800281B18 4800869859 0611024A49 0611024A49 0611024A19 0611024A19	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) CONNECTOR, plug: Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000 390 56 56
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243 C1244 C1245 C1246	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A65 2111031A45 2384538G06 2111031A45 2384538G06 2111031A53 2111031A53 2111031A53 2111033B44 0811051A17 2180240G50 2111033B43 2180240G45 2111031A65 2111031A65 2111031A65	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 1800 pF 5% 1800 pF 5% 270 pF 5% 290 pF 5% 270 pF 5% 0.0068 10% 0.47 5% 63V 100 pF 5% 100V 47 pF 5% 100V 200 pF 5% 100V 200 pF 5% 1800 pF 5% 1800 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240 Q1220 R1210 R1211 R1212 R1213 R1220	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 3080116K06 4800869657 4880225C18 4800281B18 4800869859 0611024A49 0611024A49 0611024A19 0611024A19	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000 390 56 56 18
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243 C1244 C1245 C1246 C1247	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A45 2184538G06 2111031A45 21802A19 0811051A17 2111033B37 2111033B44 0811051A17 2180240G50 2111033B43 2180240G45 2111031A65 2111031A65 2111031A65	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 1800 pF 5% 1800 pF 5% 47 20% 20V 32 pF 5% 270 pF 5% 270 pF 5% 0.0068 10% 0.47 5% 63V 100 pF 5% 100V 200 pF 5% 100V 0.47 5% 63V 120 pF 180 5% 100V 75 pF 1800 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1220 R1210 R1211 R1212 R1213 R1220 R1221	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 4800869657 4880225C18 4800281B18 4800869859 0611024A49 0611024A49 0611024A19 0611024A19	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug <u>TRANSISTOR:</u> (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000 390 56 56 18 24 10
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243 C1244 C1245 C1246	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111032B13 2111031A45 2184538G06 2111031A45 21802A19 0811051A17 2111033B37 2111033B44 0811051A17 2180240G50 2111033B43 2180240G45 2111031A65 2111031A65 2111031A65	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.01 +80-20% 0.10 +80-20% 1800 pF 5% 1800 pF 5% 270 pF 5% 290 pF 5% 270 pF 5% 0.0068 10% 0.47 5% 63V 100 pF 5% 100V 47 pF 5% 100V 200 pF 5% 100V 200 pF 5% 1800 pF 5% 1800 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240 Q1220 R1211 R1212 R1212 R1212 R1212 R1222 R1230	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 3080116K06 4800869657 4880225C18 4802869859 0611024A29 0611024A49 0611024A19 0611024A10 0611024A01 0611024A01	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000 10
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243 C1244 C1245 C1246 C1247 C1248	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111031A45 2384538G06 2111031A45 2384538G06 2111031A45 2111031A49 2111032A19 0811051A17 2111033B47 2111033B44 0811051A17 2180240G50 2111033B43 2180240G50 2111033B43 2180240G50 2111031A65 2111031A65 2111031A65 2111031A65 2111032B13	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47pF 5% 0.0068 10% 390pF 5% 0.0068 10% 0.0068 10% 0.001 +80-20% 0.10 +80-20% 1800pF 5% 1800pF 5% 47 20% 20V 32pF 5% 290pF 5% 270pF 5% 0.0068 10% 0.47 5% 63V 100pF 5% 100V 0.47 5% 63V 120pF 180 5% 100V 75pF 1800pF 5% 1800pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240 Q1220 R1211 R1212 R1210 R1211 R1212 R1213 R1220 R1211 R1222 R1230 R1231	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 4800869657 4880225C18 4800869657 4880225C18 4800869859 0611024A2 0611024A49 0611024A39 0611024A19 0611024A01 0611024A01 0611024A01	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) CONNECTOR, plug: Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 RESISTOR, fixed: chip 5% 1/8W unless otherwise stated 100 10
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243 C1244 C1245 C1245 C1248 C1249	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111031A65 2111031A45 2384538G06 2111031A45 2384538G06 2111031A49 2111031A49 2111033B49 2111033B44 0811051A17 2180240G50 2111033B43 2180240G50 2111031A65 2111031A65 2111031A65 2111031A65 2111032B13 2180240G54	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47pF 5% 0.0068 10% 390pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.001 +80-20% 0.10 +80-20% 1800pF 5% 1800pF 5% 1800pF 5% 270pF 5% 270pF 5% 0.0068 10% 0.47 5% 63V 100pF 5% 100V 200pF 5% 100V 200pF 5% 1800pF 5% 1800	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240 Q1220 R1211 R1212 R1210 R1211 R1212 R1213 R1220 R1211 R1222 R1230 R1231 R1232	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 308011024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) CONNECTOR, plug: Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 RESISTOR, fixed: chip 5% 1/8W unless otherwise stated 100 10 47 0.6W
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243 C1244 C1245 C1244 C1245 C1246 C1247 C1248 C1249 C1250	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111031A65 2111031A45 2384538G06 2111031A45 2384538G06 2111031A53 2111031A53 2111033B44 0811051A17 2111033B44 0811051A17 2111033B43 2180240G50 2111033B43 2180240G45 2111031A65 2111031A65 2111031A65 2111031A65 2111031A65	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47pF 5% 0.0068 10% 390pF 5% 0.0068 10% 0.0068 10% 0.001 +80-20% 0.00 +80-20% 1800pF 5% 180pF 5% 270pF 5% 270pF 5% 270pF 5% 0.0068 10% 0.47 5% 63V 100pF 5% 100V 200pF 5% 100V 0.47 5% 63V 120pF 1800pF 5% 1800pF 5% 1800pF 5% 1800pF 5% 1800pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1220 Q1240 Q1220 R1211 R1212 R1210 R1211 R1212 R1210 R1221 R1222 R1233 R1232 R1233	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 308011024A19 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) CONNECTOR, plug: Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000 390 56 56 18 24 10 10 47 0.6W 10
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1222 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243 C1244 C1245 C1244 C1245 C1246 C1247 C1248 C1249 C1250 C1251	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111031A65 2111031A65 2111031A45 2384538G06 2111031A45 2384538G06 2111031A45 2111031A53 2111031A53 2111033B44 0811051A17 2111033B44 0811051A17 2180240G50 2111033B43 2180240G45 2111031A65 2111031A65 2111031A65 2111032B13 2180240G54 2111031A65 2180240G45	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47pF 5% 0.0068 10% 390pF 5% 0.0068 10% 0.001 +80-20% 0.01 +80-20% 1800pF 5% 180pF 5% 180pF 5% 270pF 5% 270pF 5% 0.0068 10% 0.47 5% 63V 100pF 5% 100V 270pF 5% 100V 200pF 5% 100V 0.47 5% 63V 120pF 180 5% 100V 75pF 1800pF 5% 1800pF 5	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1220 Q1220 Q1220 R1211 R1212 R1210 R1211 R1212 R1213 R1220 R1221 R1223 R1233 R1240	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 308011024A39 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) CONNECTOR, plug: Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000 390 56 56 18 24 10 10 47 0.6W 10 10
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1223 C1224 C1233 C1234 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243 C1244 C1245 C1244 C1245 C1244 C1245 C1246 C1247 C1248 C1248 C1250 C1251 C1252	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111031A53 2111031A65 2111031A45 2384538G06 2111031A45 2384538G06 2111031A53 2111031A53 2111031A53 2111031A53 2111033B44 0811051A17 2111033B44 0811051A17 2111033B44 0811051A17 2180240G50 2111033B43 2180240G45 2111031A65 2111031A65 2111031A65 2111031A65 2111031A65 2180240G45 2180240G45 2180240G46	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47pF 5% 0.0068 10% 390pF 5% 0.0068 10% 0.001 +80-20% 0.01 +80-20% 1800pF 5% 180pF 5% 47 20% 20V 32pF 5% 270pF 5% 0.0068 10% 0.47 5% 63V 100pF 5% 100V 47pF 5% 100V 200pF 5% 100V 0.47 5% 63V 120pF 180 5% 100V 75pF 1800pF 5% 1800pF 5	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240 Q1220 R1210 R1211 R1212 R1213 R1220 R1211 R1212 R1233 R1220 R1231 R1232 R1233 R1240 R1250	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 308011024A39 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000 390 56 56 18 24 10 10 10 10 10 10 10 10 10 10
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1223 C1224 C1230 C1231 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243 C1244 C1245 C1245 C1246 C1247 C1248 C1249 C1250 C1251 C1252 C1253	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111031A65 2111031A45 2384538G06 2111031A45 2384538G06 2111031A49 2111031A53 2111031A53 2111033B44 0811051A17 2180240G54 2111033B43 2180240G54 2111031A65 2180240G45 2180240G46 2180240G48	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47 pF 5% 0.0068 10% 390 pF 5% 0.0068 10% 0.0068 10% 0.0068 10% 0.01 +80-20% 1800 pF 5% 180 pF 5% 47 20% 20V 32 pF 5% 290 pF 5% 270 pF 5% 0.0068 10% 0.47 5% 63V 100 pF 5% 100V 47 pF 5% 100V 0.47 5% 63V 120 pF 1800 pF 5% 1800 pF 5%	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1220 Q1220 Q1220 R1211 R1212 R1210 R1211 R1212 R1213 R1220 R1221 R1223 R1233 R1240	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 308011024A39 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) CONNECTOR, plug: Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000 390 56 56 18 24 10 10 47 0.6W 10 10
SYMBOL C1210 C1211 C1212 C1213 C1214 C1215 C1221 C1223 C1224 C1233 C1234 C1233 C1234 C1235 C1236 C1237 C1240 C1241 C1242 C1243 C1244 C1245 C1244 C1245 C1244 C1245 C1246 C1247 C1248 C1248 C1250 C1251 C1252	A 25W PA (66 PART NO. 2111031A31 2111032A19 2111032A19 2111032A19 2111032A19 2111032A19 2111032A19 2111032B13 2111031A65 2111031A45 2384538G06 2111031A45 2384538G06 2111031A49 2111031A53 2111031A53 2111033B44 0811051A17 2180240G54 2111033B43 2180240G54 2111031A65 2180240G45 2180240G46 2180240G48	-88 MHz) DESCRIPTION CAPACITOR, fixed: uF chip 50V unless otherwise stated 47pF 5% 0.0068 10% 390pF 5% 0.0068 10% 0.001 +80-20% 0.01 +80-20% 1800pF 5% 180pF 5% 47 20% 20V 32pF 5% 270pF 5% 0.0068 10% 0.47 5% 63V 100pF 5% 100V 47pF 5% 100V 200pF 5% 100V 0.47 5% 63V 120pF 180 5% 100V 75pF 1800pF 5% 1800pF 5	L1243 L1244 L1245 L1250 L1251 L1252 L1253 L1270 L1271 L1272 P1 P5 P6 P7 Q1210 Q1230 Q1240 Q1220 R1210 R1211 R1212 R1213 R1220 R1211 R1212 R1233 R1220 R1231 R1232 R1233 R1240 R1250	2411030E03 2411030A04 2484346A02 2411030B14 2411030B14 2411030B14 2411030B14 2482723H37 2411030B14 2482723H37 2411030B14 2482723H37 1582694R03 3982693R02 2802098M02 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 3080116K06 308011024A39 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01 0611024A01	orange 5 turns (green) Choke, 0.23uH 9.5 turns (blue) 9.5 turns (blue) 8.5 turns (green) 9.5 turns (blue) 6.2uH (blue) 9.5 turns (blue) 6.2uH (blue) <u>CONNECTOR, plug:</u> Housing, receptacle, and: Contact, receptacle, 4 used Male, single contact Cable, coax, incl plug Cable, coax, incl plug TRANSISTOR: (SEE NOTE) M9657 M5C18 M1B18 M9659 <u>RESISTOR, fixed:</u> chip 5% 1/8W unless otherwise stated 1000 390 56 56 18 24 10 10 10 10 10 10 10 10 10 10

6-8

R1270	0602369M29		C 22H	2111031A22	
R1271 R1272	0611024A49 0611024A49		C 22L C 51	2111031A23	22 0.01uF 10%
R1272	0611024A09		C 52	2111032A21 2111031A39	
R1275	0611024A01		C 52	2111031A39	
MI2/4	0011024401	10	C 54		
		THERMI STOR :	C 54 C 55	2111031A12 2111031A11	
RT1280	0682600805	100k (black)	C 56		· · · · · · · · · · · · · · · · · · ·
KI 1200	0002000805	100k (black) NON-REFERENCED ITEMS: CABLE, coax (white) BUSHING, coax BRACKET FILTER RFI INSULATOR	C 56 C 57	2111031A29	
		NON-PEFFERENCED ITEMS.	C 58	2111032A21	0.01uF 10% 0.01uF 10%
	038379/c01	CARLE coor (white)	C 58		
	4303423401	BUSHING coar	C 60	2384538G05	
	0780200101	BRACKET	C 61	2111031A31	
	9187511001	RILTER DET	C 61 C 62	2111031A23	
	1484836401	INSULATOR	C 62	2111031A31	
		SHIELD, harmonic filter		2111031A59	
	298001/301	CLIP, coax term	C 64 C 65	2111031A15	0.22uF +80-
	3080116806	COAY cable sear 2 yead	C 66		
	4280201 TO1	COAX, cable assy, 2 used CLIP, ground, 2 used CLIP PA	C 67		.0.01uF 10%
	4282405R01	CLIP PA	C 68		0.22uF +80-
		HEAT SINK, copper	C 69		0.22uF +80-
	1500483599		C 89 C 70		10uF 20% 15
	4210217A02				10uF.20% 16
		NUT, 8-32x5/16x1/8	C 71 C 72	2311048B06	
		NUT, $3/8-32 \times 0.5 \times 3/32$	C 72		0.22uF +80-
	0302607B01	SCREW Mays a wood	C 73 C 74		0.22uF +80-
		SCREW, M3x6 9 used SCREW, M3x6, 4 used			0.22uF +80-
	0380165J07	SCREW maching Wall	C 75 C 76		0.0022uF 10
	0380269109	SCREW M5v0 9 2 wood	C 76 C 77		0.22uF +80-
		NUT, 3/8-32x0.5x3/32 SCREW, M3x8 9 used SCREW, M3x6, 4 used SCREW, machine M4x10 SCREW, M5x0.8, 2 used LOCKWASHER, 3/8" BRACKET, conn UHF CONNECTOR, power			0.22uF +80-
	0703432A01	BRACKET, conn UHF	C 78 C 79		0.0022uF 10
	0980038K02	CONNECTOR Rever	C 80		0.22uF +80-
		COVER, PA	C 81		10uF 20% 16
	2680092K01	•	C 81	0011051A05	0.0047uF 63 0.018uF 63V
		HEAT SINK, 25W milled		0011044A34	0.0100 030
	20001/0100	mari Sink, 25# milled	C 83 C101	0011051A01	0.001uF 63V
			C101		10uF 20%, 1
GLD6165	A RF Board	25kHz (136-162MHz) L (1ow)	C102	0811051A13	
GLD6166	A RF Board	25kHz (146-174MHz) H (high)	C105		0.01uF 10%
0200100	n na boure,	Lykus (140 1/4ML) n (nigh)	C104		10uF 20%, 1 0.01uF 10%
SYMBOL.			010)	CITIOJENEI	
	PART NO.	DESCRIPTION	C106	2111031410	15
	PART NO.	DESCRIPTION	C106 C108	2111031A19 2111032B13	
	PART NO.		C108	2111032B13	0.luF+80-20
	PART NO.	CAPACITOR: fixed, pF 5% 50V	C108 C109	2111032B13 0811051A13	0.1uF+80-20 0.1uF 63V
		CAPACITOR: fixed, pF 5% 50V unless otherwise stated	C108 C109 C110	2111032B13 0811051A13 2111032B13	0.1uF+80-20 0.1uF 63V 0.1uF+80-20
c 1h.	2111031A10	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF	C108 C109 C110 C111	2111032B13 0811051A13 2111032B13 2384538G14	0.luF+80-20 0.luF 63V 0.luF+80-20 luF 10%, 35
C 1 <u>H</u> C 1L	2111031A10 2111031A11	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF	C108 C109 C110 C111 C112	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07	0.luF+80-20 0.luF 63V 0.luF+80-20 luF 10%, 35 0.luF 63V
C 1H C 1L C 2H	2111031A10	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF	C108 C109 C110 C111 C112 C113	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18	0.1uF+80-20 0.1uF 63V 0.1uF+80-20 1uF 10%, 35 0.1uF 63V 0.0056uF 10
C 1H C 1L C 2H C 2L	2111031A10 2111031A11 2111031A10	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF	C108 C109 C110 C111 C112 C113 C114	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21	0.luF+80-20 0.luF 63V 0.luF+80-20 luF 10%, 35 0.luF 63V 0.0056uF 10 0.0luF 10%
C 1H C 1L C 2H C 2L C 3H	2111031A10 2111031A11 2111031A10 2111031A11	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 47	C108 C109 C110 C111 C112 C113 C114 C115	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13	0.1uF+80-20 0.1uF 63V 0.1uF+80-20 1uF 10%, 35 0.1uF 63V 0.0056uF 10 0.01uF 10% 0.1uF 63%
C 1H C 1L C 2H C 2L C 3H C 3L	2111031A10 2111031A11 2111031A10 2111031A11 2111031A31	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55	C108 C109 C110 C111 C112 C113 C114 C115 C116	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13 2111032A09	0.luF+80-20 0.luF 63V 0.luF+80-20 luF 10%, 35 0.luF 63V 0.0056uF 10 0.luF 10% 0.luF 63%
C 1H C 1L C 2H C 2L C 3H C 3L C 4H	2111031A10 2111031A11 2111031A10 2111031A11 2111031A31 2111031A33 2111031A10	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13 2111032A09 2111032A09	0.luF+80-20 0.luF 63V 0.luF+80-20 luF 10%, 35 0.luF 63V 0.0056uF 10 0.luF 10% 0.luF 63% 0.001uF 10%
C 1H C 1L C 2H C 2L C 3H C 3L C 4H C 4L	2111031A10 2111031A11 2111031A10 2111031A11 2111031A31 2111031A33	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09	0.luF+80-20 0.luF 63V 0.luF+80-20 luF 10%, 35 0.luF 63V 0.0056uF 10 0.luF 63% 0.luF 63% 0.001uF 10% 0.001uF 10%
C 1H C 1L C 2H C 2L C 3H C 3L C 4H C 4L C 5H	2111031A10 2111031A11 2111031A10 2111031A11 2111031A31 2111031A33 2111031A10 2111031A11	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 5.6 0.5pF 5.6 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09 2111032A09	0.luF+80-20 0.luF 63V 0.luF+80-20 luF 10%, 35 0.luF 63V 0.001uF 10% 0.luF 63% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10%
C 1H C 1L C 2H C 2L C 3H C 3L C 4H C 4L C 5H C 5L C 6H	2111031A10 2111031A11 2111031A10 2111031A11 2111031A31 2111031A33 2111031A10 2111031A11 2111031A10	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09	0.luF+80-20 0.luF 63V 0.luF+80-20 luF 10%, 35 0.luF 63V 0.0056uF 10 0.0luF 10% 0.luF 63% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10%
1H         1L         2H         2H         3H	2111031A10 2111031A11 2111031A10 2111031A11 2111031A31 2111031A33 2111031A10 2111031A10 2111031A10 2111031A11 2111031A35 2111031A37	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09	0.luF+80-20 0.luF 63V 0.luF 63V 0.luF 10%, 35 0.luF 63V 0.0056uF 10 0.0luF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10%
C 1H C 1L C 2K C 2L C 3H C 3L C 4H C 5H C 5L C 6H C 7H	2111031A10 2111031A11 2111031A11 2111031A11 2111031A31 2111031A33 2111031A10 2111031A11 2111031A11 2111031A11 2111031A35	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09	0.luF+80-20 0.luF 63V 0.luF 63V 0.luF 10%, 35 0.luF 63V 0.0056uF 10 0.0luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 10 0.5pF 0.00luF 10%
C 1H C 1L C 2K C 2L C 3H C 3H C 3H C 4L C 5H C 5H C 6H C 7H C 7L	2111031A10 2111031A11 2111031A11 2111031A11 2111031A31 2111031A33 2111031A10 2111031A11 2111031A11 2111031A11 2111031A37 2111031A10 2111031A11	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 68 82 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09	0.luF+80-20 0.luF 63V 0.luF 63V 0.luF 10%, 35 0.luF 63V 0.0056uF 10 0.0luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 10 0.5pF 0.00luF 10%
C 1H C 1H C 2H C 2H C 3H C 3H C 3H C 5H C 5H C 7H C 7H C 7H	2111031A10 2111031A11 2111031A10 2111031A11 2111031A31 2111031A33 2111031A10 2111031A11 2111031A10 2111031A13 2111031A37 2111031A10	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 5.6 0.5pF 5.6 0.5pF 5.6 0.5pF 5.6 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21	0.luF+80-20 0.luF 63V 0.luF 63V 0.luF 10%, 35 0.luF 63V 0.0056uF 10 0.0luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 10 0.5pF 0.00luF 10%
1H         1L         2H         2H         3L         3L         4H         5H         5H         6H         71         8H         8H	2111031A10 2111031A11 2111031A11 2111031A11 2111031A31 2111031A33 2111031A10 2111031A11 2111031A11 2111031A11 2111031A37 2111031A10 2111031A11	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 68 82 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 5.6 0.5pF 5.6 0.5pF 5.6 0.5pF 5.6 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A18 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A15 2111032A09	0.luF+80-20 0.luF 63V 0.luF 63V 0.luF 63V 0.0056uF 10 0.0luF 10% 0.luF 63% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10%
1H         1L         2H         2H         3H         4L         5L         6H         7L         8L         9H	2111031A10 2111031A11 2111031A10 2111031A11 2111031A31 2111031A31 2111031A10 2111031A10 2111031A11 2111031A11 2111031A37 2111031A10 2111031A11 2111031A11 2111031A31	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 5.5 5.5 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A18 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A15 2111032A09 2111032A21 2302057B09 2111031A45	0.luF+80-20 0.luF 63V 0.luF 63V 0.0056uF 10 0.0luF 63V 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.01uF 10% 0.22uF 20% 180
1H 1L 22H 24H 24H 24H 24H 25H 25C 25C 25C 25C 25C 25C 25C 25C 25C 25C	2111031A10 2111031A11 2111031A10 2111031A11 2111031A31 2111031A31 2111031A10 2111031A10 2111031A10 2111031A11 2111031A37 2111031A10 2111031A11 2111031A11 2111031A31 2111031A33	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 5.5 5.5 5.5 5.5 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A18 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A15 2111032A21 2302057B09 2111031A45 2111031A45	0.luF+80-20 0.luF 63V 0.luF 63V 0.luF 63V 0.0056uF 10 0.0luF 10% 0.luF 63% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.0luF 10% 0.22uF 20% 180
C 1H 1L 2 2L 3H 2 3H 4L 5H 6L 7L 8H 8H 9L 10H	2111031A10 2111031A11 2111031A10 2111031A11 2111031A31 2111031A33 2111031A10 2111031A10 2111031A10 2111031A11 2111031A31 2111031A11 2111031A11 2111031A11 2111031A31 2111031A33 2111031A31	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 5.6 0.5pF 5.6 0.5pF 5.6 0.5pF 5.6 0.5pF 5.6 0.5pF 5.6 0.5pF 5.6 0.5pF 5.6 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C161	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111031A15 2111032A09 2111032A21	0.luF+80-20 0.luF 63V 0.luF+80-20 luF 10%, 35 0.luF 63V 0.001uF 10% 0.0luF 63% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.01uF 10% 0.22uF 20% 180 0.01uF 10% 22
C 1H 1L 2 1L 2 2L 3H 2 3H 2 3H 2 4H 5 5L 6 6L 7 1L 8 H 9 1L 2 10H 2 10L	2111031A10 2111031A11 2111031A11 2111031A11 2111031A31 2111031A33 2111031A10 2111031A10 2111031A10 2111031A11 2111031A37 2111031A11 2111031A11 2111031A31 2111031A31 2111031A31 2111031A31 2111031A10 2111031A11	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 5.6 0.5pF 6.8 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A18 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A23 2111031A23 2111031A23	0.1uF+80-20 0.1uF 63V 0.1uF 63V 0.01uF 10%, 35 0.1uF 63V 0.001uF 10% 0.01uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.01uF 10% 0.22uF 20% 180 180 0.01uF 10% 22 75 6.8 0.5pF
C 1H C 1L C 2L C 3H C 3H C 3H C 4L C 5H C 7H 8H 9H 10H C 1H C 1L C 1L C 1L C 1L C 1L C 1L C 2L C 2L C 3H C 2L C 3H C 1L C 2L C 2L C 3H C 2L C 2L C 3H C 2L C 3H C 2L C 2L	2111031A10 2111031A11 2111031A11 2111031A11 2111031A31 2111031A33 2111031A10 2111031A10 2111031A11 2111031A10 2111031A10 2111031A11 2111031A10 2111031A10 2111031A10 2111031A10 2111031A10	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 1.5 0.25pF (GLD6165A only)	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C157 C158 C159 C161 C203H C203L	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A23 2111031A36	0.luF+80-20 0.luF 63V 0.luF 63V 0.0056UF 10 0.0luF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.01uF 10% 0.22uF 20% 180 180 0.01uF 10% 22 75 6.8 0.5pF 8.2 0.5pF
C 1H C 1L C 2L C 3H C 3L C 4L C 3H C 5H C 7L 8L 9H 10L 11L 12H	2111031A10 2111031A11 2111031A11 2111031A11 2111031A31 2111031A31 2111031A31 2111031A10 2111031A11 2111031A11 2111031A10 2111031A11 2111031A33 2111031A31 2111031A33 2111031A11 2111031A10 2111031A11	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 1.5 0.25pF (GLD6165A only) 6.8 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C156 C157 C158 C159 C161 C203H C203L C204	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A18 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A21 2302057B09 2111031A45 2111031A45 2111031A23 2111031A23 2111031A23	0.1uF+80-20 0.1uF 63V 0.1uF 63V 0.01uF 10%, 35 0.1uF 63V 0.001uF 10% 0.01uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.01uF 10% 0.22uF 20% 180 180 0.01uF 10% 22 75 6.8 0.5pF
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C 1H C 2L C 2H C	2111031A10 2111031A11 2111031A11 2111031A31 2111031A31 2111031A31 2111031A31 2111031A10 2111031A10 2111031A10 2111031A10 2111031A31 2111031A31 2111031A31 2111031A31 2111031A11 2111031A11 2111031A11 2111031A11 2111031A11 2111031A13 2111031A12 2111031A12 2111031A12 2111031A12 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 1.5 0.25pF (GLD6165A only) 6.8 0.5pF 9.1 0.5pF 6.8 0.5pF 8.2 0.5pF 8.2 0.5pF 9.1 0.5pF 6.8 0.5pF 9.1 0.5pF 6.8 0.5pF 9.1 0.5pF 6.8 0.5pF 9.1 0.5pF 6.8 0.5pF 9.1 0.5pF 6.8 0.5pF 9.1 0.5pF 6.8 0.5pF 8.2 0.5pF	C108 C109 C110 C111 C112 C113 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C157 C158 C157 C158 C159 C161 C203H C203H C203H C205H C205H C205H C206H C207H C207H C207H C207L C208 C209 C210 C211 C212 C214 C215L C216	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111031A15 2111031A21 211031A36 2111031A36 2111031A15 2111031A22 2111031A15 2111031A21 2111031A21 2111031A21 2111031A25 2111031A21 2111031A25 2111031A21 2111031A25 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111031A35 2111032A09 2111031A35 2111032A09 2111031A51 2111031A51 2111031A51 2111031A51 2111031A51 2111031A51 2111032A09	0.luF+80-20 0.luF 63V 0.luF 63V 0.luF 63V 0.0056uF 10 0.0luF 10% 0.0luF 10% 0.0luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.00luF 10% 0.01uF 10% 0.22uF 20% 180 180 0.01uF 10% 0.22uF 20% 180 180 0.01uF 10% 0.01uF 10% 22 75 6.8 0.5pF 8.2 0.5pF 2.2 0.25pF 12 20 10 0.5pF 18 10 0.5pF 18 2.2 0.25pF 18 10 0.5pF 18 2.2 0.25pF 10 0.01uF 10% 0.001uF 10%
C 1H C 1L C 2L C 3H C 3H C 4H C 5H C 5L C 6H C 7L C 8H C 9H	2111031A10 2111031A11 2111031A11 2111031A11 2111031A31 2111031A33 2111031A10 2111031A10 2111031A10 2111031A10 2111031A10 2111031A10 2111031A11 2111031A11 2111031A11 2111031A11 2111031A11 2111031A11 2111031A11 2111031A13 2111031A12 2111031A12 2111031A12 2111031A12 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A13 2111031A11 2111031A13 2111031A11 2111031A13 2111031A11 2111031A13 2111031A11 2111031A13	CAPACITOR: fixed, pF 5% 50V unless otherwise stated 5.6 0.5pF 6.8 0.5pF 5.6 0.5pF 6.8 0.5pF 47 55 5.6 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 6.8 0.5pF 1.5 0.25pF (GLD6165A only) 6.8 0.5pF 9.1 0.5pF 6.8 0.5pF 8.2 0.5pF 9.1 0.5pF 9.1 0.5pF 9.1 0.5pF 9.1 0.5pF 6.8 0.5pF 9.1 0.5pF 9.1 0.5pF 9.1 0.5pF 9.1 0.5pF 6.8 0.5pF 9.1 0.5pF 9.1 0.5pF 8.2 0.5pF 8.2 0.5pF 6.8 0.5pF 8.2 0.5pF 8.2 0.5pF 8.2 0.5pF 8.2 0.5pF	C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C157 C158 C159 C161 C203H C203H C205H C205H C205H C205H C207H C207L C208 C209 C210 C211 C212 C214 C215L C216 C217	2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111031A15 2111031A45 2111031A45 2111031A45 2111031A3 2111031A3 2111031A13 2111031A13 2111031A15 2111031A15 2111031A21 2111031A21 2111031A25 2111031A21 2111031A25 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09 211032A09	0.luF+80-203 0.luF 63V 0.luF 63V 0.luF 63V 0.0056uF 103 0.0luF 10% 0.0luF 10% 0.0luF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.01uF 10% 0.01uF 10% 22 75 6.8 0.5pF 8.2 0.5pF 2.2 0.25pF 12 20 10 0.5pF 18 10 0.5pF 18 2.2 0.25pF 18 10 0.5pF 18 2.2 0.25pF 18 10 0.5pF 18 0.001uF 10% 0.001uF 10% 0.001u

6-9	

C221	2111032A09	0.001uF 10%	L 54	2480000E01	Quad detector with capacitor
C222	2111032A09	0.001uF 10%	.L 55	2482723H35	
C223	2111031A03	1.5 0.25pF	L151		17.75 turns orange
C224		15	L152	2482723H37	
C225		1.5 0.25pF			
			L201	2480164J01	
C226		8.2 0.5pF	L202	2482723H28	0.29uH yellow
C227L		2.2 0.25pF	L203-		
С228н	2111031A13	8.2 0.5pF	L207	2480044F04	1.2uH
C228L	2111031A17	12	L208		0.14uH yellow-brown
С229Н	2111032A09	8.2 0.5pF	L209	2480044F04	
C229L	2111031A21	18			
			L210	2480164J02	
C2 30H	2111031A13		L211	2482723H46	0.2uH blue-green
C230L	2111031A21	18	L212-		
C231H	2111031A03	1.5 0.25pF	L215	2480044F04	1.2uH
C231L	2111031 <b>A</b> 05	2.2 0.25pF	L216	2411030B15	10.5 turns white
C232	2111032A05		L217	2482723H41	
C233		0.001uF 10%	L218	2480044F04	2
C234	2111032A09		1210	2400044104	1•2un
C235		1.5 0.25pF			TRANSISTOR: (SEE NOTE:)
C237		0.001uF 10%	Q 1	4811043B12	FET M3B12 (alt: M9839)
С238н	2111031A12		Q 05	4811043B12	FET M3B12 (alt: M9839)
C238L	2111031A13	8.2 0.5pF	Q 52		M3B03 (alt: M9571)
C239		0.001uF 10%	Q 53		M1B30 (alt: M1B10)
C240		0.001uF 10%	Q 54		M1B30 (alt: M1B10)
C241		0.001uF 10%			
			Q101		M1B31 (alt: M1B11)
C242H		2.2 0.25 pF	Q102	4802081B31	M1B31 (alt: M1B11)
C242L	2111031A08	3.9 0.25pF	Q103	4802081B31	M1B31 (alt: M1B11)
C243	2111031A51	330	Q104	4802081B31	M1B31 (alt: M1B11)
C244	2111032A09	0.001uF 10%	Q105	4802081B30	M1B30 (alt: M1B10)
C245		2.2 0.25pF	Q107	4811043B16	M3B16 (alt: M9932)
C251		0.01uF 10%			
			Q151		M1B30 (alt: M1B10)
C252		0.47uF 20% 16V	Q152	4802081B31	M1B31 (alt: M1B11)
C253		0.47uF 20% 16V	Q201	4811043B12	FET M3B12 (alt: M9839)
C254	2111032A21	0.01uF 10%	Q202	4802081B30	M1B30 (alt: M1B10)
C301	2311048B05	luF 20%	Q203		M3B19 (alt: M9658)
C302	0811051A17		Q204		M3B16 (alt: M9932)
C303	2111031A39	100	Q205	4011043010	FET M3B12 (alt: M9839)
C304			•	4011043812	FEI MJB12 (alt: M9039)
	2111031A39		Q206		M1B30 (alt: M1B10)
C305	2111031A39	100	Q207		M3B19 (alt: M9658)
C306	2111031A39	100	Q208	4811043B16	M3B16 (alt: M9932)
C307	2111031A39	100	Q251	4802081B30	M1B30 (alt: M1B10)
C308	2111031A39	100	•		
		100			
					RESISTOR fixed, 59 1/84
C309	2111031A39	100			RESISTOR, fixed: 5% 1/8W
C309 C310	2111031A39 2111031A39	100 100	<b>P</b> 1	0(1100/402	unless otherwise stated
C309 C310 C311	2111031A39 2111031A39 2111031A39	100 100 100	R 1	0611024A93	unless otherwise stated 68k
C309 C310	2111031A39 2111031A39	100 100	R 2	0611024A43	unless otherwise stated 68k 560
C309 C310 C311	2111031A39 2111031A39 2111031A39	100 100 100 100			unless otherwise stated 68k
C309 C310 C311	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39	100 100 100	R 2	0611024A43	unless otherwise stated 68k 560
C309 C310 C311	2111031A39 2111031A39 2111031A39	100 100 100 100	R 2 R 51 R 53	0611024A43 0611024A55 0611024A29	unless otherwise stated 68k 560 1.8k 150
C309 C310 C311 C312 CR51	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39	100 100 100 100 <u>DIODE:</u> (SEE NOTE) <u>Silicon</u>	R 2 R 51 R 53 R 54	0611024A43 0611024A55 0611024A29 0611024A41	unless otherwise stated 68k 560 1.8k 150 470
C309 C310 C311 C312 CR51 CR52	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01	100 100 100 100 <u>DIODE:</u> (SEE NOTE) <u>Silicon</u> Silicon	R 2 R 51 R 53 R 54 R 55	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49	unless otherwise stated 68k 560 1.8k 150 470 1k
C309 C310 C311 C312 CR51 CR52 CR101	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01	100 100 100 100 <u>DIODE:</u> (SEE NOTE) Silicon Silicon Silicon	R 2 R 51 R 53 R 54 R 55 R 56	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49 0611024B20	unless otherwise stated 68k 560 1.8k 150 470 1k 820k
C309 C310 C311 C312 CR51 CR52 CR101 CR102	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01	100 100 100 100 <u>DIODE:</u> (SEE NOTE) Silicon Silicon Silicon Silicon	R 2 R 51 R 53 R 54 R 55 R 56 R 57	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49 0611024B20 0611024B06	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4883654H01 4883654H01	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon Silicon Silicon	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49 0611024 B00 0611024 B00 0611024 B00	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon Silicon Silicon varactor Silicon varactor	R 2 R 51 R 53 R 54 R 55 R 56 R 57	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49 0611024 B00 0611024 B00 0611024 B00	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4883654H01 4883654H01	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon Silicon Silicon varactor Silicon varactor	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49 0611024 B20 0611024 B06 0611024 B02 1805500L08	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49 0611024 B20 0611024 B20 0611024 B02 1805500L08 0611024A93	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4884399M01	100 100 100 100 <u>DIODE:</u> (SEE NOTE) Silicon Silicon Silicon Silicon varactor Silicon varactor Silicon Silicon Silicon Silicon	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49 0611024B20 0611024B02 1805500L08 0611024A93 0611024A95	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 222k, variable 68k 82k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4882594H01 4882190H54 4884399M01 4884399M01 4882190H54	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62	0611024A43 0611024A55 0611024A29 0611024A41 0611024B20 0611024B20 0611024B06 0611024B02 1805500L08 0611024A93 0611024A95 0611024A65	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 222k, variable 68k 82k 4.7k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4882190H54 4882190H54	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49 0611024B20 0611024B06 0611024B02 1805500L08 0611024A93 0611024A93 0611024A95 0611024A65 0611024A71	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR153 CR154 CR201 CR202 CR203	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4884399M01 4882190H54 4882190H54 4882190H54	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon Silicon Silicon Silicon Silicon Silicon Silicon Hot carrier	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49 0611024B00 0611024B00 0611024B02 1805500L08 0611024A93 0611024A93 0611024A95 0611024A71	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4884399M01 4882190H54 4882190H54	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Hot carrier Silicon varactor	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65	0611024A43 0611024A55 0611024A29 0611024A49 0611024 A49 0611024 B00 0611024 B00 0611024 B00 1805500L08 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4884399M01 4882190H54 4882190H54 4882190H54	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49 0611024B00 0611024B00 0611024B02 1805500L08 0611024A93 0611024A93 0611024A95 0611024A71	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4884399M01 4882190H54 4882190H54 4882190H54	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Hot carrier Silicon varactor	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65	0611024A43 0611024A55 0611024A29 0611024A49 0611024 A49 0611024 B00 0611024 B00 0611024 B00 1805500L08 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 4.7k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R101	0611024A43 0611024A55 0611024A29 0611024A49 0611024A49 0611024 B20 0611024 B20 0611024 B20 1805500L08 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A71 0611024A65 0611038B15	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 4.7k 150 1/2W
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R101 R102	0611024A43 0611024A55 0611024A29 0611024A49 0611024A49 0611024 B20 0611024 B20 0611024 B20 1805500L08 0611024 B02 1805500L08 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A51	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Hot carrier Silicon varactor Silicon varactor	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R101 R102 R103	0611024A43 0611024A55 0611024A29 0611024A49 0611024 B20 0611024 B20 0611024 B20 0611024 B02 1805500L08 0611024 B02 1805500L08 0611024A93 0611024A93 0611024A65 0611024A71 0611024A51 0611024A51 0611024A73	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104	0611024A43 0611024A55 0611024A29 0611024A49 0611024 B20 0611024 B20 0611024 B20 0611024 B00 1805500L08 0611024 B02 1805500L08 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A51 0611024A51 0611024A73 0611024A73	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 150 1/2W 1.2k 10k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon v	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49 0611024B20 0611024B20 1805500L08 0611024B02 1805500L08 0611024A93 0611024A93 0611024A71 0611024A71 0611024A71 0611024A51 0611024A51 0611024A73 0611024A73	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 8.2k 150 1/2W 1.2k 10k 10k 10k
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C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon v	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105	0611024A43 0611024A55 0611024A29 0611024A41 0611024A49 0611024B20 0611024B20 1805500L08 0611024B02 1805500L08 0611024A93 0611024A93 0611024A71 0611024A71 0611024A71 0611024A51 0611024A51 0611024A73 0611024A73	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 8.2k 150 1/2W 1.2k 10k 10k 10 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon v	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R101 R102 R103 R104 R105 R106	0611024A43 0611024A55 0611024A55 0611024A49 0611024A49 0611024 B00 0611024 B00 1805500L08 0611024 B02 1805500L08 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A51 0611024A51 0611024A73 0611024A73 0611024A73	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 8.2k 8.2k 150 1/2W 1.2k 10k 10k 10k 10 15k
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180098D06	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon v	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108	0611024A43 0611024A45 0611024A55 0611024A49 0611024A49 0611024 B00 0611024 B00 0611024 B00 1805500L08 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A77 0611024A77	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 8.2k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01	100 100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Sili	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109	0611024A43 0611024A43 0611024A55 0611024A49 0611024A49 0611024B20 0611024B20 0611024B20 1805500L08 0611024A93 0611024A93 0611024A93 0611024A71 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180098D06	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Hot carrier Silicon varactor Silicon varact	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R101 R102 R103 R104 R105 R106 R107 R108 R109 R110	0611024A43 0611024A43 0611024A29 0611024A49 0611024A49 0611024B20 0611024B20 0611024B02 1805500L08 0611024A93 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180098D06	100 100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Sili	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 110 R 111	0611024A43 0611024A43 0611024A55 0611024A29 0611024A49 0611024B20 0611024B20 0611024B02 1805500L08 0611024A02 1805500L08 0611024A93 0611024A93 0611024A73 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 8.2k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180098D06	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Hot carrier Silicon varactor Silicon varact	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 110 R 111 R 112	0611024A43 0611024A29 0611024A29 0611024A49 0611024A49 0611024B00 0611024B00 0611024B00 1805500L08 0611024A93 0611024A93 0611024A93 0611024A71 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A37 0611024A37 0611024A37	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2 J 3	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180098D06	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon v	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 110 R 111 R 112 R 113	0611024A43 0611024A55 0611024A55 0611024A29 0611024A49 0611024B00 0611024B00 1805500L08 0611024B02 1805500L08 0611024A93 0611024A93 0611024A93 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A77 0611024A37 0611024A37 0611024A37 0611024A37	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 8.2k 8.2k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2 J 3 L 1	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180098D06 0980168K01 0980168K01 0980179H01 2480079J01	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Hot carrier Silicon varactor Silicon varact	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 110 R 111 R 112	0611024A43 0611024A29 0611024A29 0611024A49 0611024A49 0611024B00 0611024B00 0611024B00 1805500L08 0611024A93 0611024A93 0611024A93 0611024A71 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A37 0611024A37 0611024A37	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 8.2k 8.2k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2 J 3	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180098D06	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon Silicon varactor Silicon varactor	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 110 R 111 R 112 R 113	0611024A43 0611024A55 0611024A55 0611024A29 0611024A49 0611024B00 0611024B00 1805500L08 0611024B02 1805500L08 0611024A93 0611024A93 0611024A93 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A77 0611024A37 0611024A37 0611024A37 0611024A37	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 8.2k 150 1.2k 10k 10k 10k 10k 10k 10k 10k 10
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C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2 J 3 L 1 L 2 L 3	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4884399M01 4882190H54 4884616A01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06	100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Hot carrier Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Hot carrier <u>FILTER:</u> 455 kHz 6D 455 kHz 4D <u>CONNECTOR:</u> coaxial 11-pin socket <u>COIL:</u> 4.5 turns 4.5 turns	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 110 R 111 R 112 R 113 R 116 R 117 R 118	0611024A43 0611024A43 0611024A55 0611024A49 0611024A49 0611024B20 0611024B20 0611024B20 1805500L08 0611024A93 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A37 0611024A37 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2 J 3 L 1 L 2 L 3 L 4	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4884399M01 4882190H54 488416A01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06	<pre>100 100 100 100 100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Hot carrier Silicon varactor Silicon varactor Silicon varactor Hot carrier FILTER: 455 kHz 6D 455 kHz 4D CONNECTOR: coaxial coaxial 11-pin socket COIL: 4.5 turns 4.5 turns 4.5 turns 4.5 turns 4.5 turns </pre>	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 110 R 111 R 112 R 113 R 116 R 117 R 118 R 119	0611024A43 0611024A43 0611024A55 0611024A29 0611024A49 0611024B20 0611024B20 0611024B20 1805500L08 0611024A93 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A37 0611024A37 0611024A37 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2 J 3 L 1 L 2 L 3 L 4 L 5	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4882190H54 4884616A01 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06 9180097D06	<pre>100 100 100 100 100 100 100 100 DIODE: (SEE NOTE) Silicon Silicon Silicon varactor Silicon varactor Silicon varactor Silicon varactor Silicon varactor Hot carrier Silicon varactor Silicon varactor Silicon varactor Hot carrier FILTER: 455 kHz 6D 455 kHz 4D CONNECTOR: coaxial coaxial 11-pin socket COIL: 4.5 turns </pre>	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 110 R 111 R 112 R 113 R 116 R 117 R 118 R 119 R 120	0611024A43 0611024A29 0611024A29 0611024A49 0611024A49 0611024B00 0611024B00 0611024B00 1805500L08 0611024A93 0611024A93 0611024A93 0611024A93 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2 J 3 L 1 L 2 L 3 L 4 L 5 L 6	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4884399M01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180097D06 9180098D06 0980168K01 0980168K01 0980168K01 0980179H01 2480079J01 2480079J01 2480079J02 2480079J09	<pre>100 100 100 100 100 100 100 100 100 100</pre>	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 111 R 112 R 113 R 116 R 117 R 118 R 119 R 120 R 121	0611024A43 0611024A55 0611024A55 0611024A29 0611024A49 0611024B00 0611024B00 0611024B00 1805500L08 0611024A93 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A71 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2 J 3 L 1 L 2 L 3 L 4 L 5 L 6 L 7	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180098D06 9180098D06 9180098D06 9180098D06 9180097D01 2480079J01 2480079J01 2480079J01 2480079J02 2480079J02	<pre>100 100 100 100 100 100 100 100 100 100</pre>	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 110 R 111 R 112 R 113 R 116 R 117 R 118 R 119 R 122	0611024A43 0611024A55 0611024A55 0611024A29 0611024A49 0611024B00 0611024B00 1024B00 1024B00 1024B00 1024A93 0611024A93 0611024A93 0611024A93 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A71 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2 J 3 L 1 L 2 L 3 L 4 L 5 L 6 L 7 L 51	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180098D06 0980168K01 0980168K01 0980168K01 0980168K01 0980168K01 0980179H01 2480079J01 2480079J01 2480079J02 2480079J09 2480079J09	<pre>100 100 100 100 100 100 100 100 100 100</pre>	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 111 R 112 R 113 R 116 R 117 R 118 R 119 R 120 R 121	0611024A43 0611024A55 0611024A55 0611024A29 0611024A49 0611024B00 0611024B00 0611024B00 1805500L08 0611024A93 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A71 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51 0611024A51	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2 J 3 L 1 L 2 L 3 L 4 L 5 L 6 L 7	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4884616A01 9180097D06 9180097D06 9180098D06 0980168K01 0980168K01 0980168K01 0980168K01 0980168K01 0980179H01 2480079J01 2480079J01 2480079J02 2480079J09 2480079J09	<pre>100 100 100 100 100 100 100 100 100 100</pre>	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 110 R 111 R 112 R 113 R 116 R 117 R 118 R 119 R 122	0611024A43 0611024A43 0611024A55 0611024A49 0611024A49 0611024B00 0611024B00 1805500L08 0611024B02 1805500L08 0611024A93 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A71 0611024A51 0611024A51 0611024A51 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2 J 3 L 1 L 2 L 3 L 4 L 5 L 6 L 7 L 51	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 48840190H54 2480079J01 2480079J01 2480079J02 248283503 248283503	<pre>100 100 100 100 100 100 100 100 100 100</pre>	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 110 R 111 R 112 R 113 R 116 R 117 R 118 R 119 R 120 R 121 R 122 R 123 R 152	0611024A43 0611024A43 0611024A55 0611024A49 0611024A49 0611024B00 0611024B00 0611024B00 1805500L08 0611024A93 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k 10k 10k 10k 10k 10k 10k 10
C309 C310 C311 C312 CR51 CR52 CR101 CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207 FL51 FL52 J 1 J 2 J 3 L 1 L 2 L 3 L 4 L 5 L 6 L 7 L 51 L 52	2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 2111031A39 4883654H01 4883654H01 4883654H01 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 4882190H54 48840190H54 2480079J01 2480079J01 2480079J02 248283503 248283503	<pre>100 100 100 100 100 100 100 100 100 100</pre>	R 2 R 51 R 53 R 54 R 55 R 56 R 57 R 58 R 59 R 60 R 61 R 62 R 63 R 64 R 65 R 66 R 101 R 102 R 103 R 104 R 105 R 106 R 107 R 108 R 109 R 110 R 111 R 112 R 113 R 116 R 117 R 118 R 119 R 120 R 121 R 122 R 123	0611024A43 0611024A43 0611024A55 0611024A49 0611024A49 0611024B00 0611024B00 0611024B00 1805500L08 0611024A93 0611024A93 0611024A93 0611024A95 0611024A71 0611024A71 0611024A71 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71 0611024A71	unless otherwise stated 68k 560 1.8k 150 470 1k 820k 220k 150k 22k, variable 68k 82k 4.7k 8.2k 8.2k 8.2k 8.2k 4.7k 150 1/2W 1.2k 10k 10k 10 15k 390 330 1.2k 330 680 5.6k 680 3.9k 8.2k 8.2k 8.2k 8.2k 8.2d 100 100 100 100 100 100 100 10



	NON-REFERENCED ITEMS:
2680139J01	Shield
2680182H01	RF shield
2680153J01	Coil shield
2680210K01	Coil shield

GLD6169 GLD6170	OA RF Board ] OA RF Board ]	L2.5kHz (136-162MHz) L (low) L2.5kHz (146-174MHz) H (high)
SYMBOL	PART NO.	DESCRIPTION
		CAPACITOR: fixed, pF 5% 50V unless stated
C 1H	2111031A10	5.6 0.5pf (chip)
C 1L C 2H	2111031A11	6.8 0.5pF (chip)
C 2H C 2L	2111031A09 2111031A11	4.7 0.25pF (chip) 6.8 0.5pF (chip)
C 3H	2111031A29	39 (chip)
C 3L	2111031A35	68 (chip)
С 4н	2111031A10	5.6 0.5pF (chip)
C 41	2111031A12	7.5 0.5pF (chip)
 С 5н	2111031A10	5.6 0.5pF (chip)
C 51	2111031A11	6.8 0.5pF (chip)
С 6Н	2111031A33	56 (chip)
C 6L	2111031A36	75 (chip)
C 7H	2111031A10	5.6 0.25pF (chip)
C 7L	2111031A11	6.8 0.5pF (chip)
C 8H C 8L	2111031A10	5.6 0.5pf (chip)
С 9Н	2111031A11 2111031A29	6.8 0.5pF (chip)
C 9L	2111031A35	39 (chip) 68 (chip)
C 10H	2111031A09	4.7 0.25pF (chip)
C 10L	2111031A11	6.8 0.5pF (chip)
С 11н	2111031A07	3.3 0.5pF (chip)
C 11L	2111031A05	2.2 0.25pF (chip)
C 12H	2111031A11	6.8 0.5pF (chip)
C 12L	2111031A12	7.5 0.5pF (chip)
С 13Н	2111031A11	6.8 0.5pF (chip)
C 13L	2111031A13	8.2 0.5pF (chip)
C 14H	2111031A35	68 (chip)
C 14L	2111031A37	82 (chip)
C 15H C 15L	2111031A12	7.5 0.5pF (chip)
C 16H	2111031A14 2111031A12	9.1 0.5pF (chip) 7.5 0.5pF (chip)
C 16L	2111031A14	9.1 0.5pF (chip)
C 17H	2111031A35	68 (chip)
C 17L	2111031A37	82 (chip)
C 18H	2111031A11	6.8 0.5pF (chip)
C 18L	2111031A13	8.2 0.5pF (chip)
С 19Н	2111031A11	6.8 0.5pF (chip)
C 19L	2111031A14	• • • • • •
C 20	2111031A09	0.001uF 10% (chip)
C 21 C 51	2111031A10	5.6 0.5pF (chip)
C 51	2111031A21 2111031A35	•
C 53	2111031A19	68 (chip) 15 (chip)
C 54	2111031A19	
C 56	2111031A15	10 0.5pF (chip)
C 57	2111032A21	
C 58	2111032A21	0.01uF 10%
C 59	2384538G05	10uF 20% 15V
C 60	2111031A31	47 (chip)
C 61	2111031A23	22 (chip)
C 62	2111031A31	47 (chip)
C 63 C 64	2111031A59 2111031A15	680 (chip) 10 0.5pF (chip)
C 65	2111032B15	0.22uF +80-20%
C 66	2111032A21	0.01uF 10%
C 67	2111032B15	0.22uF +80-20%
C 68	2111032B15	0.22uF +80-20%
C 69	2384538G05	10uF 20% 15V
C 70	2311048B13	10uF 20% 16V
C 71	2311048806	2.2uF 20%
C 72	2111032B15	0.22uF +80-20%
C 73	2111032B15	0.22uF +80-20%
C 74 C 75	2111032B15 2111032A13	0.22uF +80-20%
C 76	2111032B15	0.0022uF 10% 0.22uF +80-20%
C 70	2111032B15	0.22uF +80-20%
C 78	2111032A13	0.0022uF 10%
C 79	2111032A15	0.22uF +80-20%
C 80	2311048B13	10uF 20% 16V
C101	2311048B13	10uF 20% 16V
C102	0811051A13	0.1uF 63V
C103	2111032A21	0.01uF 10%
C104	2311048B13	10uF 20% 16V
C105	2111032A21	0.01 uF 10%
C106 C108	2111031A19 2111032B13	15 (chip) 0 10F +80-20%
0108	2111032B13	0.luF +80-20%

C109

0811051A13 0.1uF 63V

6-11

C110	2111032B13	0.luF +80-20%
C111	2384538G14	
C112	0811051A07	0.01uF 63V
C113	2111032A18	
C114	2111032A21	0.01uF 10%
C115	0811051A13	
C116	2111032A09	0.001uF 10%
C117	2111032A09	
C119		0.001uF 10%
	2111032A09	0.001uF 10%
C120	2111032A09	0.001uF 10%
C151	2111032A09	0.001uF 10%
C152	2111031A15	10uF 0.5pF (chip)
C153	2111032A09	0.001uF 10%
C154	2111032A21	0.01uF 10%
C155	2302057B09	0.22uF 20% 35V
C156	2111031A45	180 10% (chip)
C157	2111031A45	180 10% (chip)
C158	2111032A21	0.01uF 10%
C159	2111031A23	22 (chip)
C160	2111031A19	15 (chip)
C161	2111031A36	75uF 5% (chip)
С203Н	2111031A11	6.8 0.5pF (chip)
C203L	2111031A13	8.2 0.5pF (chip)
C204	2111031A05	2.2 0.25pF (chip)
C205H	2111031A17	12 (chip)
C205L	2111031A21	18 (chip)
С206н	2111031A15	10 0.5pF (chip)
C206L	2111031A21	18 (chip)
С207Н	2111031A15	10 0.5pF (chip)
C207L	2111031A21	18 (chip)
C208	2111031A05	2.2 0.25pF (chip)
C209	2111032A05	470 10%
C210	2111032A09	0.001pF 10%
C211	2111032A09	0.001pF 10%
C212	2111031A03	1.5 0.25pF (chip)
C214	2111032A09	0.001uF 10%
C215	2111031A51	330 (chip)
C216-		SSC (Chip)
C218	2111032A09	0.001uF 10%
C219	2111031A10	5.6 0.5pF (chip)
C220	2111031A51	330 (chip)
C221	2111031A01	0.001uF 10%
C222		
C223	2111032A09	0.001uF 10%
	2111031A03	1.5 0.25pF (chip)
C224	2111031A19	15 (chip)
C225	2111031A03	1.5 0.25pF (chip)
C226	2111031A13	8.2 0.5pF (chip)
C227H	2111031A03	
C227L	2111031A05	2.2 0.25pF (chip)
C228H	2111031A13	8.2 0.5pF (chip)
C228L	2111031A19	15 (chip)
С229Н	2111031A13	8.2 0.5pF (chip)
C229L	2111031A21	18 (chip)
C230H	2111031A13	8.2 0.5pF (chip)
C230L	2111031 <u>A</u> 21	18 (chip)
C231H	2111031A03	1.5 0.25pF (chip)
C231L	2111031A05	2.2 0.25pF (chip)
C232	2111032A05	470 10%
C233	2111032A09	0.001pF 10%
C234	2111032A09	0.001pF 10%
C235	2111031A03	1.5 0.25pF (chip)
C237	2111031A09	0.001pF 10% (chip)
C238H	2111031A12	7.5 0.5pF (chip)
C238L	2111031A13	8.2 0.5pF (chip)
C239-		
C241	2111032 <b>A</b> 09	0.001pF 10%
C242H	2111031A05	2.2 0.25pF (chip)
C242L	2111031A08	3.9 0.25pF (chip)
C243	2111031A51	330 (chip)
C244	2111032A09	0.001pF 10%
C245	2111032A05	470 10%
C251	2111032A21	0.01uF 10%
C252	2311048B19	47pF 20% 16V
C253	2311048B19	47pF 20% 16V
C254	2111032A21	0.01uF 10%
C301	2311048B05	luF 20%
C302	0811051A17	0.47uF 63V
C303-		
C312	2111031A39	100 (chip)
		\ <b>-</b>
		DIODE: (SEE NOTE)
CR 51	4883654H01	Silicon
CR 52	4883654H01	Silicon
CR101	4883654H01	Silicon
J	,0000071101	

CR102 CR151 CR152 CR153 CR154 CR201 CR202 CR203 CR204 CR205 CR206 CR207	4882190H54 4884399M01 4884399M01 4882190H54 4882190H54 4884616A01 4882190H54 4882190H54 4882190H54	Silicon varactor Silicon varactor Silicon Silicon varactor Silicon varactor Hot carrier Silicon varactor Silicon varactor Silicon varactor Silicon varactor
FL 51 FL 52		Filter 6D 455kHz Filter 4D 455kHz
J 1 J 2 J 3	0980168K01 0980168K01 0980179H01	Coax
L 1H L 1L L 2 L 3 L 4H L 4L L 5 L 6 L 7 L 51 L 52 L 53 L 54 L 55 L151 L152 L201 L202 L203 L204 L205 L206 L207 L208 L209 L210 L211 L212 L213 L214 L215 L216 L217 L218	2480079J07 2480079J02 2480079J01 2480079J01 2480079J01 2480079J02 2480079J02 2480079J02 2482835G03 2482835G03 2482835G03 2482835G03 2482835G03 2482723H35 2480049D01 2482723H35 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04 2480044F04	<ul> <li>4.5 turns</li> <li>2.6uH</li> <li>2.6uH</li> <li>2.6uH</li> <li>2.6uH</li> <li>Quad Coil 455kHz</li> <li>red 23uH</li> <li>orange 17.75 turns</li> <li>blue 6.2uH</li> <li>4.5 turns</li> <li>yellow 0.29uH</li> <li>1.2uH</li> <li>1.2uH</li> <li>1.2uH</li> </ul>
Q 1 Q 51 Q 52 Q 53 Q101 Q102 Q103 Q104 Q105 Q107 Q151 Q201 Q202 Q203 Q204 Q205 Q206 Q207 Q208 Q251	4811043B12 4811043B12 4811043B03 4802081B30 4802081B31 4800869987 4802081B31 4802081B30 4811043B16 4802081B30 4811043B12 4802081B30 4811043B19 4811043B16 481043B12 4802081B30	TRANSISTOR:         (SEE NOTE)           FET M3B12 (alt: M9839)           FET M3B12 (alt: M9839)           M3B03 (alt: M9571)           M1B30 (alt: M1B10)           M1B31 (alt: M1B11)           M9987           M1B31 (alt: M1B11)           M1B30 (alt: M1B10)           M1B31 (alt: M1B11)           M1B30 (alt: M1B10)           M1B31 (alt: M1B11)           FET M3B12 (alt: M9932)           M1B30 (alt: M1B10)           M1B30 (alt: M1B10)           M1B30 (alt: M1B10)           M1B16 (alt: M9932)           FET M3B12 (alt: M9839)           M1B30 (alt: M1B10)           M1B16 (alt: M9932)           FET M3B12 (alt: M9839)           M1B30 (alt: M1B10)           M1B16 (alt: M9932)           FET M3B12 (alt: M9839)           M1B30 (alt: M1B10)

		RESISTOR: 5% 1/8W	R302		22k variable
R 1	0611024A93	unless otherwise stated	R303	0611024A33	
R 2	0611024A43		<sup>•</sup> R304 R305	0611024A01	10 22k variable
R 51	0611024A55		R306	0611024A01	
R 53	0611024A29		R307	0611024A43	
R 54	0611024A41	470	R308-		500
R 55	0611024A49		R310	0611024B23	4 . 7k
R 56	0611024B20		R311	0611024B23	Jumper
R 57 R 58	0611024B06		R312	0611024B23	Jumper
R 58	0611024B02	150k 22k variable			
R 60	0611024A93		DT 151	0693600706	THERMI STOR:
R 61	0611024A95		RT151 RT152	0683600K06 0683600K06	
R 62	0611024A43		RT152	0683600K05	
R101	0602438B15		14 199	0005000005	TOOK
R102	0611024A51				INTEGRATED CIRCUIT: (SEE NOTE)
R103	0611024A73		U 51	5105479G05	
R104	0611024A73		U101	5183548N19	Divider
R105	0611024A73		U102	5180135C06	Prescaler
R106	0611024A01				
R107 R108	0611024A77				ZENER DIODE: (SEE NOTE)
R108	0611024A77 0611024A37		VR101	4882256C15	5.1V 5 %
R110	0611024A37				
R111	0611024A37		Y 51	01 000 00 702	CRY STAL: (SEE NOTE)
R112	0611024A45		Y 52	9180082J03 4805488G03	
R113	0611024A67		or	4805488G04	21.855MHz   originally supplied
R116	0611024A45	680	¥151	4882309N01	14.4MHz
R117	0611024A63				· · · · · · · · · · · · · · · · · · ·
R118	0611024A71			NON-REFEREN	CED ITEMS:
R119	0611024A71			2680139J01	Shield
R120	0611024A19			2680182H01	
R121 R122	0611024A19 0600185A33				Coil shield
R122	0611024A25			2680210K01	Coil shield
R152		210k 1% 1/4W			
R153		6.19k 1% 1/4W	GLD617	LA RF Board 1	74-201 MH-
R155		4.64k 1% 1/4W	012017	IN AF DUELG I	
R156	0611024A97		SYMBOL	PART NO.	DESCRIPTION
R157	0611024A73				
R158	0611024A73	10k			
					CAPACITOR: pF 5% 50V
R159	0611024A77	15k			CAPACITOR: pF 5% 50V unless otherwise stated
R160	0611024A77 0611024A09	15k 22	C 1	2111031A29	unless otherwise stated 39 (chip)
R160 R161	0611024A77 0611024A09 0611024A53	15k 22 1.5k	C 2	2111031A19	unless otherwise stated 39 (chip) 15 (chip)
R160 R161 R162	0611024A77 0611024A09 0611024A53 0611024A49	15k 22 1.5k 1k	C 2 C 3	2111031A19 2182450B08	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V
R160 R161 R162 R201	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19	15k 22 1.5k 1k 56	C 2 C 3 C 4	2111031A19 2182450B08 2111031A27	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip)
R160 R161 R162	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19 0611024A73	15k 22 1.5k 1k 56 10k	C 2 C 3 C 4 C 5	2111031A19 2182450B08 2111031A27 2111031A19	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip)
R160 R161 R162 R201 R202	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19	15k 22 1.5k 1k 56 10k 150	C 2 C 3 C 4 C 5 C 6	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip)
R160 R161 R162 R201 R202 R203	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19 0611024A73 0611024A29	15k 22 1.5k 1k 56 10k 150 4.7k	C 2 C 3 C 4 C 5	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13 2111032A27	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip)
R160 R161 R201 R202 R203 R204 R205 R206	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19 0611024A73 0611024A29 0611024A65 0611024A73 0611024A45	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680	C 2 C 3 C 4 C 5 C 6 C 7	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13 2111032A27 2184716A14	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62
R160 R161 R162 R201 R202 R203 R204 R205 R206 R207	0611024A77 0611024A09 0611024A53 0611024A49 0611024A49 0611024A73 0611024A29 0611024A65 0611024A73 0611024A57	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680 2.2k	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62
R160 R161 R201 R202 R203 R204 R205 R206 R207 R208	0611024A77 0611024A09 0611024A53 0611024A49 0611024A49 0611024A73 0611024A73 0611024A73 0611024A57 0611024A57 0611024A45	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680 2.2k 680	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A35	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip)
R160 R161 R201 R202 R203 R204 R205 R206 R207 R208 R209	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19 0611024A73 0611024A73 0611024A65 0611024A73 0611024A57 0611024A45 0611024A45	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680 2.2k 680 100	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A35 2111031A10	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip)
R160 R161 R201 R202 R203 R204 R205 R206 R207 R208 R209 R210	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19 0611024A73 0611024A73 0611024A29 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680 2.2k 680 100 680	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A35 2111031A30 2111032A21	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip) 0.01uF 10% (chip)
R160 R161 R201 R202 R203 R204 R205 R206 R207 R208 R209 R210 R211	0611024A77 0611024A09 0611024A49 0611024A19 0611024A73 0611024A73 0611024A29 0611024A25 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680 2.2k 680 100 680 39	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A35 2111031A10 2111032A21 2111031A17	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip) 0.01uF 10% (chip) 12 (chip)
R160 R161 R201 R202 R203 R204 R205 R206 R207 R208 R209 R209 R210 R211 R212	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19 0611024A73 0611024A73 0611024A29 0611024A57 0611024A45 0611024A45 0611024A45 0611024A45 0611024A25 0611024A25	15k 22 1.5k 1k 56 10k 4.7k 10k 680 2.2k 680 100 680 39 270	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A15 2111031A10 2111032A21 2111031A17 2111032A27	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip) 0.01uF 10% (chip) 12 (chip) 0.03uF 10% (chip)
R160 R161 R201 R202 R203 R204 R205 R206 R207 R208 R209 R210 R211	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19 0611024A73 0611024A73 0611024A65 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A35 0611024A35	15k 22 1.5k 1k 56 10k 4.7k 10k 680 2.2k 680 100 680 39 270 18	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A35 2111031A10 2111032A21 2111031A17	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip) 0.01uF 10% (chip) 12 (chip) 0.03uF 10% (chip) 12 (chip)
R160 R161 R202 R203 R204 R205 R206 R207 R208 R209 R210 R211 R212 R213 R214 R215-	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19 0611024A73 0611024A73 0611024A29 0611024A57 0611024A45 0611024A45 0611024A45 0611024A45 0611024A25 0611024A25	15k 22 1.5k 1k 56 10k 4.7k 10k 680 2.2k 680 100 680 39 270 18	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15	2111031A19 2182450B08 2111031A27 2111031A13 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A35 2111031A10 2111032A21 2111031A17 2111031A35	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip) 0.01uF 10% (chip) 12 (chip) 0.03uF 10% (chip) 12 (chip) 68 (chip)
R160 R161 R202 R203 R204 R205 R206 R207 R208 R209 R210 R211 R212 R213 R214 R215- R217	0611024A77 0611024A09 0611024A53 0611024A49 0611024A49 0611024A73 0611024A73 0611024A73 0611024A73 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A73	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680 2.2k 680 100 680 39 270 18 100k 100k	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16 C 17	2111031A19 2182450B08 2111031A27 2111031A13 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A35 2111031A17 2111032A27 2111031A17 2111031A35 2111031A21	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 18 (chip) 18 (chip)
R160 R161 R202 R203 R204 R205 R206 R207 R208 R209 R210 R211 R212 R213 R214 R215- R217 R218	0611024A77 0611024A09 0611024A53 0611024A49 0611024A49 0611024A73 0611024A73 0611024A25 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A73 0611024A73 0611024A29	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680 2.2k 680 100 680 39 270 18 100k 100k	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16 C 17 C 18	2111031A19 2182450B08 2111031A27 2111031A13 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A35 2111031A10 2111032A21 2111031A17 2111031A17 2111031A17 2111031A21 2111031A21 2182450B44	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 18 (chip) 18 (chip)
R160 R161 R201 R202 R203 R204 R205 R206 R207 R208 R209 R210 R211 R212 R213 R214 R215- R217 R218 R219	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19 0611024A73 0611024A73 0611024A73 0611024A57 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A73 0611024A73 0611024A73	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680 2.2k 680 100 680 39 270 18 100k 10k 10k	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 19 C 20 C 21	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A35 2111031A10 2111032A21 2111031A17 2111031A21 2111031A35 2111031A21 2182450B44 2111032A27 2111031A19	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 68 (chip) 18 (chip) 0.82 500V 0.033uF 10% (chip) 15 (chip) 15 (chip)
R160 R161 R162 R201 R202 R203 R204 R205 R206 R207 R208 R209 R210 R211 R212 R213 R214 R213 R214 R215- R217 R218 R219 R220	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19 0611024A73 0611024A73 0611024A73 0611024A57 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A25 0611024A5 0611024A73 0611024A73 0611024A77 0611024A77 0684764A22	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680 2.2k 680 100 680 39 270 18 100k 10k 10k 150 150 15k 560 1/4W	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 19 C 20 C 21 C 22	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A35 2111031A10 2111032A21 2111031A17 2111031A21 2182450B44 2111032A27	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 68 (chip) 18 (chip) 0.82 500V 0.033uF 10% (chip) 15 (chip) 15 (chip)
R160 R161 R162 R201 R202 R203 R204 R205 R206 R207 R208 R209 R210 R211 R212 R213 R214 R215- R217 R218 R219 R220 R221	0611024A77 0611024A09 0611024A53 0611024A49 0611024A19 0611024A73 0611024A73 0611024A73 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680 2.2k 680 100 680 39 270 18 100k 10k 10k 150 150 150 15k 560 1/4W 560 1/4W	C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 19 C 20 C 21 C 22 C 23	2111031A19 2182450B08 2111031A27 2111031A19 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A35 2111031A10 2111032A21 2111031A17 2111031A21 2111031A35 2111031A21 2182450B44 2111032A27 2111031A19	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 68 (chip) 18 (chip) 0.82 500V 0.033uF 10% (chip) 15 (chip) 0.82 500V
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R160 R161 R162 R201 R202 R203 R204 R205 R206 R207 R208 R209 R210 R211 R212 R213 R214 R215- R217 R218 R219 R220 R221 R222 R223 R224 R225 R226 R227 R228 R229 R230 R231 R232 R233 R234 R235 R236 R251	0611024A77 0611024A09 0611024A49 0611024A49 0611024A49 0611024A73 0611024A73 0611024A73 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A73 0611024A73 0611024A77 0611024A77 0611024A77 0611024A77 0611024A77 0611024A75 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A41 0611024A41 0611024A49 0611024A49 0611024A49 0611024A49	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680 2.2k 680 100 680 39 270 18 100k 10k 150 15k 560 1/4W 560 1/4W 560 1/4W 680 2.2k 680 100 80 100 15k 560 1/4W 560 1/2k 330 470 12 470 1k 1k 1k 1k 1k 56 270 270	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	2111031A19 2182450B08 2111031A17 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A15 2184716A14 2111031A35 2111031A17 2111032A21 2111031A17 2111031A35 2111031A21 2182450B44 2111031A21 2182450B44 2111031A19 2182450B44 2111031A19 2182450B44 2111031A13 2111031A21 2111031A21 2111031A21 2111031A35 2111031A31 2111031A31 2111032A21 2182450B37 2111031A31 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111048B13 2311048B13	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 68 (chip) 18 (chip) 18 (chip) 19 (chip) 10.82 500V 0.033uF 10% (chip) 15 (chip) 10.82 500V 68 (chip) 18 (chip) 10.82 500V 68 (chip) 10.62 50 (chip) 10.25pF (chip) 2.7 0.25pF (chip) 2.7 0.25pF (chip) 0.22uF +80-20% (chip) 0.47 500V 47 (chip) 82 (chip) 0.22uF +80-20% (chip) 0.22uF +80-20% (chip) 10.22uF +80-20% (chip) 10.2
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R160 R161 R162 R201 R202 R203 R204 R205 R206 R207 R208 R209 R210 R211 R212 R213 R214 R215- R217 R218 R219 R220 R221 R222 R223 R224 R225 R226 R227 R228 R229 R230 R231 R232 R233 R234 R235 R236 R251	0611024A77 0611024A09 0611024A49 0611024A49 0611024A49 0611024A73 0611024A73 0611024A73 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A73 0611024A73 0611024A77 0611024A77 0611024A77 0611024A77 0611024A77 0611024A75 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A45 0611024A41 0611024A41 0611024A49 0611024A49 0611024A49 0611024A49	15k 22 1.5k 1k 56 10k 150 4.7k 10k 680 2.2k 680 100 680 39 270 18 100k 100k 150 15k 560 1/4W 560 1/4W 680 2.2k 680 100 680 39 270 18 100k 150 15k 560 1/4W 680 2.2k 680 100 680 2.2k 680 100 15k 560 1/4W 560 1/4W 560 1/4W 680 2.2k 680 100 680 2.2k 680 100 680 2.2k 680 100 680 2.2k 680 100 680 2.2k 680 100 15k 560 1/4W 560 1/2k 100 80 2.2k 680 100 80 2.2k 680 100 80 2.2k 680 100 80 2.2k 680 100 80 2.2k 680 100 80 2.2k 680 100 80 2.2k 680 100 80 2.2k 680 100 80 2.2k 680 100 80 2.2k 70 12 470 12 470 12 470 12 470 12 470 12 470 12 470 12 470 12 470 12 470 12 470 10 10 10 10 10 10 10 10 10 1	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	2111031A19 2182450B08 2111031A17 2111031A13 2111032A27 2184716A14 2111031A15 2184716A14 2111031A15 2184716A14 2111031A35 2111031A17 2111032A21 2111031A17 2111031A35 2111031A21 2182450B44 2111031A21 2182450B44 2111031A35 2111031A21 2182450B44 2111031A35 2111031A21 2182450B44 2111031A35 2111031A21 2182450B43 2111031A31 2111031A31 2111032A27 2111031A31 2111031A31 2111032A37 2111031A31 2111032B15 2111032B15 2311048B13 2311048B13 2311048B06	unless otherwise stated 39 (chip) 15 (chip) 1.2 500V 33 (chip) 15 (chip) 8.2 0.5pF (chip) 0.033uF 10% (chip) 0.62 10 0.5pF (chip) 0.62 68 (chip) 5.6 0.5pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 68 (chip) 18 (chip) 18 (chip) 19 (chip) 10.82 500V 0.033uF 10% (chip) 15 (chip) 10.82 500V 68 (chip) 18 (chip) 10.82 500V 68 (chip) 10.62 50 (chip) 10.25pF (chip) 2.7 0.25pF (chip) 2.7 0.25pF (chip) 0.22uF +80-20% (chip) 0.47 500V 47 (chip) 82 (chip) 0.22uF +80-20% (chip) 0.22uF +80-20% (chip) 10.22uF +80-20% (chip) 10.2

C 68	2111022015	
C 69	2111032B15	
C 70	2111032B15	
C 70 C 71	2111032A13	
C 72	2111032B15	the second secon
	2111032815	
C 73	2111032A13	2200 10% (chip)
C 74	2111032B15	contraction (child)
C101	2311048B13	
C102	0811051A13	
C103	2111032A21	0.01uF 10% (chip)
C104	2311048B13	
C105	2111032A21	0.01uF 10% (chip)
C106	2111031A19	
C107	2111031A19	15 (chip)
C108	2111032B13	0.1uF +80-20% (chip)
C109	0811051A15	0.22uF 5% 63V
C110	2384538G14	luF 10% 35V
C114	2111032A21	0.01uF 10% (chip)
C115	2111032R21 2111032B13	
		0.luF +80-20% (chip)
C116	2111032A09	0.001uF 10% (chip)
C117	2111032A09	0.001uF 10% (chip)
C118	2111031A08	3.9 0.25pF (chip)
C119	2111032A09	0.001uF 10% (chip)
C120	2111032A09	0.001uF 10% (chip)
C150	2111031A35	68 (chip)
C151	2111032A21	0.01uF 10% (chip)
C152	2111031A17	12 (chip)
C153	2111032A21	0.01uF 10% (chip)
C154	2111032A21	0.01uF 10% (chip)
C155	2311048B05	luF 20%
C156	2111031A45	180 (chip)
C157	2111031A45	180 (chip)
C158	2111032A21	
C159		0.01uF 10% (chip)
	2111031A25	27 (chip)
C160	2111031A23	22 (chip)
C201	2111032A09	0.001uF 10% (chip)
C202	0811051A09	0.022uF 5% 63V
C203	2111031A19	15 (chip)
C204	2111031A07	3.3 0.25pF (chip)
C205-		• •
C207	2111031A21	18 (chip)
C208	2111031A15	10 0.5pF (chip)
C209	2111031A55	470 (chip)
C210	2111032A09	0.001uF 10% (chip)
C211	2111032A09	
C212	2111031A03	
C212		1.5 0.25pF (chip)
	2111032A09	0.001uF 10% (chip)
C215	2111031A19	15 (chip)
C216-		
C218	2111032A09	0.001uF 10% (chip)
C219	2111031A08	3.9 0.25pF (chip)
C220	2111031 <b>A</b> 51	330 (chip)
C221	2111032A09	0.001uF 10% (chip)
C222	2111032A09	0.001uF 10% (chip)
C223	2111031A01	1 0.25pF (chip).
C224	2111031A07	3.3 0.25pF (chip)
C225	2111031A01	1 0.25pF (chip)
C226	2111031A15	10 0.5pF (chip)
C227	2111031A01	1 0.25pF (chip)
C228-		z otzypi (enip)
C230	2111031A19	15 (chip)
C231	2111031A01	•
C232		1 0.25pF (chip)
	2111031A55	470 (chip)
C233	2111032A09	0.001uF 10% (chip)
C234	2111032A09	0.001uF 10% (chip)
C235	2111031A03,	1.5 0.25pF (chip)
C237	2111032A09	0.001uF 10% (chip)
C238	2111031A11	6.8 0.5pF (chip)
C239	2111032A09	0.001uF 10% (chip)
C240	2111032A09	0.001uF 10% (chip)
C241	2111032A09	0.001uF 10% (chip)
C242	2111031A05	2.2 0.25pF (chip)
C243	2111031A51	330 (chip)
C244	2111032A09	0.001uF 10% (chip)
C245	2111032A09	0.001uF 10% (chip)
C246	2111031A15	10 0.5pF (chip)
C251	2111031A15	0.01uF 10% (chip)
C252		
	2311048B19	47uF 20% 16V
C253	2311048B19	47uF 20% 16V
C254	2111032A21	0.01uF 10% (chip)
C301	2311048B05	luF 20%
C302	0811051A17	0.47uF 5% 63V
C303-		
C312	2111031A39	100 (chip)
		-

		DIODE: (SEE NOTE)
CR 51		
CR101 CR102	4883654H01	
CR102 CR151		
CR152		
CR153		
CR154	4883654H01	Silicon
CR201		
CR202		· · · · · · · · · · · · · · · · · · ·
CR203 CR204		
CR204		
CR206	4882190H54	· · · · · · · · · · · · · · · · · · ·
CR207		Hot Carrier
		FILTER:
FL51	9180097D04	
FL52	9180098D04	Filter 455kHz
		CONNECTOR:
J 1	0980179H01	Coax
J 2	0980179H01	Coax
J 3		Connector
	0/000071/01	COIL:
L 1 L 2	2402337M01 2402337M01	3.75 turns 3.75 turns
	2402337M01 2402337M01	3.75 turns 3.75 turns
L 4	2402337M01	3.75 turns
L 5	2402337M01	3.75 turns
L 6	2402130M01	Choke luH
L 7	2402130M18	Choke 4.7uH
L 8	2402337M01	3.75 turns
L 9 L 10	2402337M01	3.75 turns
L 10	2402337M01 2402130M01	3.75 turns Choke luH
L 12	2402130M01	Choke luH
L 51	2482356G21	vio-gld 3.7uH
L 52	2580000E01	455kHz
L101	2411030B14	blue 9.5 turns
L151	2480299D01	orange 17.75 turns
L152	2402130M18	Choke 4.7uH
L201 L202-	2480164J06	RF
L202	2402130M01	Choke luH
L207	2411030B15	white 10.5 turns
L208	2411030A06	violet 7 turns
L209	2402130M01	Choke luH
L210	2480164J06	RF
L211- L215	2/02120301	<b>a</b> 1 1 5
L215	2402130MD1 2411030B14	Choke luH blue 9.5 turns
L217	2411030B14	violet 7 turns
L218	2402130M01	Choke luH
		<i>,</i>
		TRANSISTOR: (SEE NOTE)
Q 1	4811043B12	FET M3B12 (alt: M9839)
Q 2 Q 3	4811043B12 4802081B30	FET M3B12 (alt: M9839) M1B30 (alt: M1B10)
Q 51	4802081B30 4802081B30	M1B30 (alt: M1B10) M1B30 (alt: M1B10)
Q101	4802081B31	M1B31 (alt: M1B11)
Q102	4800869987	M9987
Q103	4800869987	M9987 .
Q104	4802081B31	M1B31 (alt: M1B11)
Q105	4802081B30	M1B30 (alt: M1B10)
Q107 Q151	4811043B16 4802081B30	M3B16 (alt: M9932) M1B30 (alt: M1B10)
Q152	4802081B30 4802081B31	M1B30 (alt: M1B10) M1B31 (alt: M1B11)
Q201	4811043B12	FET M3B12 (alt: M9839)
Q202	4802081B30	M1B30 (alt: M1B10)
Q203	4811043B19	M3B19 (alt: M9658)
Q204	4811043B19	M3B19 (alt: M9658)
Q205	4811043B12	FET M3B12 (alt: M9839)
Q206 Q207	4802081B30 4811043B19	M1B30 (alt: M1B10) M3B19 (alt: M9658)
Q208	4811043B19 4811043B19	M3B19 (alt: M9658) M3B19 (alt: M9658)
Q251	4802081B30	M1B30 (alt: M1B10)
-		
		RESISTOR: fixed 5% 1/8W
ד מ	0611094+99	unless otherwise stated
R 1 R 2	0611024A33 0611024A55	220 (chip) 1.8k (chip)
R 3	0611024A09	22 (chip)
		·

4	0611024A35	270 (chip)
R 5	0611024A47	820 (chip)
R 6 R 7	0611024A51 0611024A09	1.2k (chip) 22 (chip)
R 8	0611024A09	68k (chip)
R 9	0611024A65	4.7k (chip)
R 10	0611024A49	lk (chip)
R 11	0611024A19	56 (chip)
R 50	0611024A35	270 (chip)
R 51	0611024 B20	820k (chip)
R 52	0611024B06	220k (chip)
R 53 R 54	0611024B02 1805500L08	150k (chip) 22k variable
R 55	0611024A93	68k (chip)
R 56	0611024A95	82k (chip)
R 57	0611024A43	560 (chip)
R 58	0611024A67	5.6k (chip)
R 59	0611024A65	4.7k (chip)
R101	0602438B15	150 5% 0.5W
R102	0611024A51	1.2k (chip)
R103- R105	0611024A73	10k (chip)
R105	0611024A01	10k (chip) 10 (chip)
R107	0611024A77	15k (chip)
R108	0611024A77	15k (chip)
R109	0611024A25	100 (chip)
R110	0611024A47	820 (chip)
R111	0611024A67	5.6k (chip)
R112	0611024A37	330 (chip)
R113 R114	0611024A25 0611024A37	100 (chip)
R114 R115	0611024A57	330 (chip) 5.6k (chip)
R115 R116	0611024A57	5.6k (chip) 2.2k (chip)
R120	0611024A33	220 (chip)
R121	0611024A19	56 (chip)
R123	0611024A25	100 (chip)
R151	0602366M57	2.2k 1% 0.39W
R152	0602366M83	27k 1% 0.39W
R153	0602366M73	10k 1% 0.39W
R154 R155	0602366M89 0602366M51	47k 1% 0.39W 1.2k 1% 0.39W
R156	0611024A97	100k (chip)
R157	0611024A73	10k (chip)
R158	0611024A73	10k (chip)
R159	0611024A77	15k (chip)
R160	0611024A09	22 (chip)
R161	0611024A53	1.5k (chip)
R162 R201	0611024A49 0611024A19	lk (chip) 56 (chip)
R202	0611024A19	56 (chip) 10k (chip)
R203	0611024A29	150 (chip)
R204	0611024A65	4.7k (chip)
R205	0611024A73	10k (chip)
R206	0611024A45	680 (chip)
R207	0611024A57	2.2k (chip)
R208	0611024A45	680 (chip)
R209 R210	0611024A25 0611024A45	100 (chip) 680 (chip)
R211	0611024A25	100 (chip)
R212	0611024A35	270 (chip)
R213	0611024A57	2.2k (chip)
R214	0611024A97	100k (chip)
R215-	0/1100/170	101 ( 1 / )
R217	0611024A73	10k (chip)
R218 R219	0611024A29 0611024A77	150 (chip) 15k (chip)
R220	0684764A22	560 5% 0.25W
R221	0684764A22	560 5% 0.25W
R222	0611024 <b>A</b> 45	680 (chip)
R223	0611024A57	2.2k (chip)
R224	0611024A45	680 (chip)
R225	0611024A25	100 (chip)
R226 R227	0611024A45	680 (chip)
R227 R228	0611024A25 0611024A57	100 (chip) 2.2k (chip)
R229	0611024A37	330 (chip)
R230	0611024A41	470 (chip)
R231	0611024A03	12 (chip)
R232	0611024A41	470 (chip)
R233	0611024A49	lk (chip)
R234 R235	0611024A49	1k (chip)
R235 R236	0611024A1 <b>9</b> 0611024A19	56 (chip) 56 (chip)
R236 R237	0611024A19 0611024A53	56 (chip) 1.5k (chip)
		- tow (curb)

,

R251	0611024A35	270 (chip)
R252	0611024A01	
R301	0611024A85	
R302 R303	1805500L08 0611024A49	
R304	0611024A63	•
R305	1805500L08	
R306	0611024A49	·
R308 R309	0611024A73 0611024A73	
R310		
/^		THE RMI STOR :
RT 60 RT151	0683600K02 0683600K06	
RT151	0680176D04	
RT153		
17 51	E105/70005	INTEGRATED CIRCUIT: (SEE NOTE)
U 51 U101	5105479G05 5183548N19	
U102	5184810F66	
		ZENER DIODE: (SEE NOTE)
VR101	4883461E40	Zener 5.1V
		CRY STAL:
¥ 51	9180082J02	
¥ 52	4805488G03	Crystal 20.945MHz
¥151	4802443B21	Crystal 14.4MHz
		NON-BEFERRICEN THENC.
	2602338m01	• NON-REFERENCED ITEMS: Shield RF
	2680153J02	
	2680182B01	
	7505295B03	
	1303293801	Pad Crystal Base
GLD6172	2A RF Board 1	99-225MHz
SYMBOL	PART NO.	DESCRIPTION
	-	
		CARACTEOR R EV FOR
		CAPACITOR: pF 5% 50V
C 1	2111031427	unless otherwise stated
C 1 C 2	2111031A27 2111031A15	unless otherwise stated 33 (chip)
	2111031A27 2111031A15 2182450B44	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V
C 2 C 3 C 4	2111031A15 2182450B44 2111031A25	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip)
C 2 C 3 C 4 C 5	2111031A15 2182450B44 2111031A25 2111031A15	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip)
C 2 C 3 C 4 C 5 C 6	2111031A15 2182450B44 2111031A25 2111031A15 2111031A10	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip)
C 2 C 3 C 4 C 5	2111031A15 2182450B44 2111031A25 2111031A15	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip)
C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9	2111031A15 2182450B44 2111031A25 2111031A15 2111031Å10 2111032A27	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip)
C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10	2111031A15 2182450B44 2111031A25 2111031A15 2111031A15 2111032A27 2182450B37 2111031A13 2182450B37	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V
C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11	2111031A15 2182450B44 2111031A25 2111031A15 2111031A10 2111032A27 2182450B37 2111031A13 2182450B37 2111031A37	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V 82 (chip)
C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10	2111031A15 2182450B44 2111031A25 2111031A15 2111031A10 2111032A27 2182450B37 2111031A13 2182450B37 2111031A37 2111031A01	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V 82 (chip) 1 0.25pF (chip)
C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14	2111031A15 2182450B44 2111031A25 2111031A15 2111031A10 2111032A27 2182450B37 2111031A13 2182450B37 2111031A37	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V 82 (chip) 1 0.25pF (chip) 0.01uF 10% (chip) 12 (chip)
C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15	2111031A15 2182450B44 2111031A25 2111031A15 2111031A15 2111032A27 2182450B37 2111031A13 2182450B37 2111031A37 2111031A01 2111032A21 2111031A17 2111032A27	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V 8.2 (chip) 1 0.25pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip)
C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16	2111031A15 2182450B44 2111031A25 2111031A15 2111031A15 2111032A27 2182450B37 2111031A13 2182450B37 2111031A13 2182450B37 2111031A01 2111032A21 2111031A17 2111032A27 2111031A17	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V 82 (chip) 1 0.25pF (chip) 0.01uF 10% (chip) 12 (chip) 12 (chip) 12 (chip)
C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16 C 17	2111031A15 2182450B44 2111031A15 2111031A15 2111031A10 2111032A27 2182450B37 2111031A13 2182450B37 2111031A13 2182450B37 2111031A37 2111032A21 2111031A17 2111031A17 2111031A33	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V 82 (chip) 1 0.25pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 56 (chip)
C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16	2111031A15 2182450B44 2111031A25 2111031A15 2111031A15 2111032A27 2182450B37 2111031A13 2182450B37 2111031A13 2182450B37 2111031A01 2111032A21 2111031A17 2111032A27 2111031A17	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V 82 (chip) 1 0.25pF (chip) 0.01uF 10% (chip) 12 (chip) 12 (chip) 12 (chip)
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C 2 C 3 C 4 C 5 C 6 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 19 C 20 C 21	2111031A15 2182450B44 2111031A15 2111031A15 2111031A10 2111032A27 2182450B37 2111031A13 2182450B37 2111031A37 2111031A37 2111031A17 2111031A17 2111031A17 2111031A17 2182450B33 2111032A27 2111031A15	unless otherwise stated 33 (chip) 10 0.5 pF (chip) 0.82 500V 27 (chip) 10 0.5 pF (chip) 5.6 0.5 pF (chip) 0.033 uF 10% (chip) 0.47 500V 8.2 0.5 pF (chip) 0.47 500V 82 (chip) 1 0.25 pF (chip) 0.01 uF 10% (chip) 12 (chip) 0.03 uF 10% (chip) 12 (chip) 56 (chip) 12 (chip) 56 (chip) 12 (chip) 56 (chip) 12 (chip) 56 (chip) 12 (chip) 56 (chip) 12 (chip) 56 (chip) 12 (chip) 10 0.5 pF (chip) 10 0.5 pF (chip) 10 0.5 pF (chip)
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C 2 C 3 C 4 C 5 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 15 C 16 C 17 C 18 C 20 C 21 C 22 C 22 C 22 C 22 C 24 C 55 C 55 C 55 C 55 C 55 C 55 C 55 C 5	2111031A15 2182450B44 2111031A25 2111031A15 2111031A15 2111031A15 2111031A13 2182450B37 2111031A13 2182450B37 2111031A01 2111032A27 2111031A17 2111031A17 2182450B33 2111031A15 2182450B33 2111031A15 2182450B33 2111031A17 2111031A15 2182450B33 2111031A15 2182450B33 2111031A15 2182450B33 2111031A15 2182450B33 2111031A15 2182450B33 2111031A15 2182450B33 2111031A15 2111031A43 2111031A06 2111031A13 2111032B15	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V 8.2 (chip) 1 0.25pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 56 (chip) 12 (chip) 0.56 500V 0.033uF 10% (chip) 10 0.5pF (chip) 0.56 500V 56 (chip) 12 (chip) 0.25pF (chip) 2.7 0.25pF (chip) 0.22uF +80-20% (chip)
C 2 C C 3 C C 4 C 5 C 7 C 8 C 9 C 10 C 11 C 12 C 13 C 14 C 16 C 17 C 18 C 20 C 21 C 22 C 24 C 25 C 27 C 27 C 27 C 27 C 27 C 27 C 27 C 27	2111031A15 2182450B44 2111031A15 2111031A15 2111031A15 2111031A10 2111032A27 2182450B37 2111031A13 2182450B37 2111031A01 2111032A21 2111031A17 2111031A17 2111031A17 2182450B33 2111031A15 2182450B33 2111031A15 2182450B33 2111031A17 2111031A15 2182450B33 2111031A17 2111031A15 2182450B33 2111031A17 2111031A15 2111031A01 2111031A01 2111031A01 2111031A13 2111032A21	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V 8.2 (chip) 1 0.25pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 56 (chip) 12 (chip) 56 (chip) 12 (chip) 0.56 500V 0.033uF 10% (chip) 10 0.5pF (chip) 0.56 (chip) 12 (chip) 0.56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.505 (chip) 10 0.5pF (chip) 2.7 0.25pF (chip) 8.2 0.5pF (chip) 0.22uF +80-20% (chip) 0.01uF 10% (chip)
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C 2 3 4 5 6 7 8 9 C 10 C 11 2 C C 2 2 3 4 5 6 7 8 9 C 10 C 11 2 C 13 4 5 6 7 8 9 C C C C 11 C 12 C 13 4 5 6 7 8 9 C C 1 1 2 C 1 2 2 1 2 2 3 4 5 6 7 8 9 C C C C C C C C C C C C C C C C C C	2111031A15 2182450B44 2111031A15 2111031A15 2111031A15 2111031A15 2111031A13 2182450B37 2111031A13 2182450B37 2111031A01 2111032A27 2111031A17 211031A17 2182450B33 2111031A17 2182450B33 2111031A15 2182450B33 2111031A17 2111031A33 2111031A17 2111031A33 2111031A13 2111031A31 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V 82 (chip) 1 0.25pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.52pF (chip) 10 0.5pF (chip) 2.7 0.25pF (chip) 8.2 0.5pF (chip) 0.22uF +80-20% (chip)
C C C C C C C C C C C C C C C C C C C	2111031A15 2182450B44 2111031A15 2111031A15 2111031A15 2111031A15 2111031A13 2182450B37 2111031A13 2182450B37 2111031A01 2111032A27 2111031A17 211031A17 2182450B33 2111031A17 2182450B33 2111031A15 2182450B33 2111031A17 2111031A33 2111031A17 2111031A33 2111031A13 2111031A31 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V 8.2 (chip) 1 0.25pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.52pF (chip) 10 0.5pF (chip) 2.7 0.25pF (chip) 8.2 0.5pF (chip) 0.22uF +80-20% (chip) 0.22uF +80-20% (chip) 0.22uF +80-20% (chip) 0.22uF +80-20% (chip) 0.22uF +80-20% (chip) 10uF 20% 16V
C 2 3 4 5 6 7 8 9 C 10 C 11 2 C C 2 2 3 4 5 6 7 8 9 C 10 C 11 2 C 13 C C 15 C C 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2111031A15 2182450B44 2111031A25 2111031A15 2111031A15 2111031A15 2111031A13 2182450B37 2111031A13 2182450B37 2111031A01 2111032A27 2111031A17 2111031A17 2111031A17 2182450B33 2111031A17 2182450B33 2111031A15 2182450B33 2111031A17 2111031A33 2111031A17 2111031A33 2111031A31 2111031A06 2111031A31 2111031A31 2111032B15 2111032B15 2111032B15 2111032B15 2111032B15	unless otherwise stated 33 (chip) 10 0.5pF (chip) 0.82 500V 27 (chip) 10 0.5pF (chip) 5.6 0.5pF (chip) 0.033uF 10% (chip) 0.47 500V 8.2 0.5pF (chip) 0.47 500V 82 (chip) 1 0.25pF (chip) 0.01uF 10% (chip) 12 (chip) 0.033uF 10% (chip) 12 (chip) 56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.56 500V 56 (chip) 12 (chip) 0.52pF (chip) 10 0.5pF (chip) 2.7 0.25pF (chip) 8.2 0.5pF (chip) 0.22uF +80-20% (chip)

C 67-		
C 69	2111032B15	0.22uF +80-20% (chip)
C 70	2111032A13	2200 10% (chip)
C 71	2111032B15	0.22uF +80-20% (chip)
C 72 C 73	2111032B15 2111032A13	0.22uF +80-20% (chip)
C 74	2111032B15	2200 10% (chip) 0.22uF +80-20% (chip)
C101	2311048B13	10uF 20% 16V
C102	0811051A13	0.luF 5% 63V
C103	2111032A21	0.01uF 10% (chip)
C104	2311048B13	10uF 20% 16V
C105	2111032A21	0.01uF 10% (chip)
C106	2111031A19	15 (chip)
C107	2111031A19	15 (chip)
C108	2111032B13	0.luF +80-20% (chip)
C109	0811051A15	0.22uF 5% 63V
C110 C114 .	2311049A14 2111032A21	1uF 10% 35V
C114 .	2111032B13	0.01uF 10% (chip) 0.1uF +80-20% (chip)
C116	2111032A09	0.001uF 10% (chip)
C117	2111032A09	0.001uF 10% (chip)
C118	2111031A08	3.9 0.25pF (chip)
C119	2111032A09	0.001uF 10% (chip)
C120	2111032A09	0.001uF 10% (chip)
C150	2111031A35	68 (chip)
C151	2111032A21	0.01uF 10% (chip)
C152	2111031A17	12 (chip)
C153 C154	2111032A21	0.0luF 10% (chip) 0.0luF 10% (chip)
C154 C155	2111032A21 2311048B05	0.0luF 10% (chip) luF 20%
C156	2111031A45	180 (chip)
C157	2111031A45	180 (chip)
C158	2111032A21	0.01uF 10% (chip)
C159	2111031A25	27 (chip)
C160	2111031A23	22 (chip)
C201	2111032A09	0.001uF 10% (chip)
C202	0811051A09	0.022uF 5% 63V
C203	2111031A15	10 0.5pF (chip)
C204	2111031A01	1 0.25pF (chip)
C205	2111031A17	12 (chip)
C206 C207	2111031A19 2111031A19	15 (chip) 15 (chip)
C207	2111031A01	1 0.25pF (chip)
C210	2111032A09	0.001uF 10% (chip)
C211	2111032A09	0.001uF 10% (chip)
C212	2111031A03	1.5 0.25pF (chip)
C214	2111032A09	0.001uF 10% (chip)
C215	2111031A15	10 0.5pF (chip)
C216	2111032A09	0.001uF 10% (chip)
C218	2111032A09	0.001uF 10% (chip)
C219	2111031A05	2.2 0.25pF (chip)
C220	2111031A51	330 (chip)
C221 C222	2111032A09 2111032A09	0.001uF 10% (chip)
C223	2111032A03	0.001uF 10% (chip) 1 0.25pF (chip)
C224	2111031A07	3.3 0.25pF (chip)
C225	2111031A01	1 0.25pF (chip)
C226	2111031A15	10 0.5pF (chip)
C227	2111031A01	1 0.25pF (chip)
C228-		
C230	2111031A19	15 (chip)
C231	2111031A01	1 0.25pF (chip)
C232	2111031A55	470 (chip)
C233 C234	2111032A09 2111032A09	0.001uF 10% (chip) 0.001uF 10% (chip)
C235	2111031A03	1.5 0.25pF (chip)
C237	2111032A09	0.001uF 10% (chip)
C238	2111031A11	6.8 0.5pF (chip)
C239-		······································
C241	2111032A09	0.001uF 10% (chip)
C242	2111031A05	2.2 0.25pF (chip)
C243	2111031A51	330 (chip)
C244	2111032A09	0.001uF 10% (chip)
C245	2111032A09	0.001uF 10% (chip)
C246	2111031A15	10 0.5pF (chip)
C251 C252	2111032A21 2311048B19	0.01uF 10% (chip) 47uF 20% 16V
C253	2311048B19	47uF 20% 16V
C254	2111032A21	0.01uF 10% (chip)
C271	2111032A09	0.001uF 10% (chip)
C301	2311048B05	luF 20%
C302	0811051A17	0.47uF 5% 63V
C303-		
C312	2111031 <b>A</b> 39	100 (chip)

		DIODE: (SEE NOTE)
CR 51	4883654H01	
CR101	4883654H01	Silicon
CR102	4883654H01	Silicon Silicon (chip)
CR151	4882190H54	Silicon (chip)
CR152	4002190034	Silicon (cnip)
CR153 CR154		Silicon
CR201	4882190454	Silicon (chip)
CR202	4882190854	Silicon (chip)
CR203	4884616A01	Hot Carrier
CR204-		
CR206	4882190H54	Silicon (chip)
CR207	4884616A01	Hot Carrier
FL51	9180097D04	<u>FILTER:</u> Filter 455kHz
FL52	9180098D04	
		CONNECTOR:
J 1	0980179н01	
J 2	0980179н01	Coax
		2077
T 1_		COIL:
L 1- L 5	2402337M01	3.75 turns
L 6		
L 7	2402130M01 2402130M18	Choke 4.7uH
L 8-		
L 10	2402337M01	3.75 turns
L 11	2402130M01	
L 12	2402130M01	Choke luH
L 51 L 52	2482356G21	0
L 32 L101	2580000E01 2411030B14	
L151	2480299D01	
L152	2402130M18	Choke 4.7uH
L201	2480164J06	RF
L202-		
L206	2402130MD1	
L207	2411030B15	white 10.5 turns
L208	2411030A06	
L209 L210	2402130M01 2480164J06	
L210 L211-	2400104300	RF
L215	2402130MD1	Choke luH
L216	2411030B14	blue 9.5 turns
L217	2411030A06	violet 7 turns
L218	2402130M01	Choke luH
01 02	6911062019	TRANSISTOR: (SEE NOTE)
Q1,Q2 Q 3	4811043B12 4802081B30	FET M3B12 (alt: M9839) M1B30 (alt: M1B10)
Q 51	4802081B30	M1B30 (alt: M1B10)
Q101	4802081B31	M1B31 (alt: M1B11)
Q102	4800869987	M9987
Q103	4800869987	м9987
Q104	4802081B31	M1B31 (alt: M1B11)
Q105	4802081B30	M1B30 (alt: M1B10)
Q107 Q151	4811043B16 4802081B30	M3B16 (alt: M9932) M1B30 (alt: M1B10)
Q152	4802081B30 4802081B31	M1B30 (alt: M1B10) M1B31 (alt: M1B11)
Q201	4811043B12	FET M3B12 (alt: M9839)
Q202	4802081B30	M1B30 (alt: M1B10)
Q203	4811043B19	M3B19 (alt: M9658)
Q204	4811043B19	M3B19 (alt: M9658)
Q205	4811043B12	FET M3B12 (alt: M9839)
Q206	4802081B30	M1B30 (alt: M1B10)
Q207 Q208	4811043B19 4811043B19	M3B19 (alt: M9658) M3B19 (alt: M9658)
Q251	4802081B30	M1B30 (alt: M1B10)
		RESISTOR:
R 1	0611024A33	220 (chip)
R 2	0611024A55	1.8k (chip)
R 3	0611024A09	22 (chip)
R 4 R 5	0611024A35 0611024A47	270 (chip) 820 (chip)
R 6	0611024A47	1.2k (chip)
R 7	0611024A09	22 (chip)
R 8	0611024A93	68k (chip)
R 9	0611024A65	4.7k (chip)
R 10	0611024A49	lk (chip)
R 11	0611024A19	56 (chip)

	R 50	0611024A35	270 (chip)
	R 51	0611024B20	820k (chip)
	R 52	0611024B06	220k (chip)
	R 53	0611024B02	150k (chip)
	R 54 R 55	1805500L08	22k variable
	R 56	0611024A93 0611024A95	68k (chip) 82k (chip)
-	R 57	0611024A93	560 (chip)
	R 58	0611024A67	5.6k (chip)
	R 59	0611024A65	4.7k (chip)
	R101	0602438B15	150 5% 0.5W
1	R102	0611024A51	1.2k (chip)
• i>	R103-	0(1100/172	
1.	R105 R106	0611024A73 0611024A01	10k (chip) 10 (chip)
-	R100	0611024A01	15k (chip)
1	R108	0611024A77	15k (chip)
	R1,09	0611024A25	100 (chip)
	R110	0611024A47	820 (chip)
	R111	0611024A67	5.6k (chip)
1	R112 R113	0611024A37	330 (chip)
	R113	0611024A25 0611024A37	100 (chip) 330 (chip)
	R115	0611024A67	5.6k (chip)
	R116	0611024A57	2.2k (chip)
	R120	0611024A33	220 (chip)
	R121	0611024A19	56 (chip)
· · · · ·	R123	0611024A25	100 (chip)
	R151	0602366M57	2.2k 1% 0.39W
	R152 R153	0602366M83 0602366M73	27k 1% 0.39W 10k 1% 0.39W
	R155	0602366M89	47k 1% 0.39W
	R155	0602366M51	1.2k 1% 0.39W
	R156	0611024A97	100k (chip)
	R157	0611024A73	10k (chip)
÷.	R158	0611024A73	10k (chip)
	R159	0611024A77	15k (chip)
	R160 R161	0611024A09 0611024A53	22 (chip)
Ξ.	R161	0611031A49	l.5k (chip) lk (chip)
	R201	0611024A19	56 (chip)
	R202	0611024A73	10k (chip)
	R203	0611024A29	150 (chip)
	R204	0611024A65	4.7k (chip)
÷.	R205	0611024A73	10k (chip)
÷,	R206 R207	0611024A45 0611024A57	680 (chip) 2.2k (chip)
	R208	0611024A57	2.2k (chip) 680 (chip)
	R209	0611024A25	100 (chip)
	R210	0611024 <b>A</b> 45	680 (chip)
•	R211	0611024A25	100 (chip)
	R212	0611024A35	270 (chip)
	R213 R214	0611024A57 0611024A97	2.2k (chip) 100k (chip)
•	R215-	0011024897	look (chip)
·	R217	0611024A73	10k (chip)
÷.	R218	0611024A29	150 (chip)
•	R219	0611024A77	15k (chip)
	R220	0684764A22	560 5% 0.25W
	R221	0684764A22	560 5% 0.25W
	R222 R223	0611024A45 0611024A57	680 (chip) 2.2k (chip)
	R224	0611024A45	680 (chip)
	R225	0611024A25	100 (chip)
	R226	0611024A45	680 (chip)
	R227	0611024A25	100 (chip)
	R228	0611024A57	2.2k (chip)
	R229	0611024A37	330 (chip)
	R230 R231	0611024A41 0611024A03	470 (chip) 12 (chip)
	R232	0611024A03	470 (chip)
	R233	0611031A49	lk (chip)
	R234	0611031A49	lk (chip)
	R235	0611024A19	56 (chip)
	R236	0611024A19	56 (chip)
	R237 R251	0611024A53 0611024A35	1.5k (chip) 270 (chip)
	R251 R252	0611024A35 0611024A01	270 (chip) 10 (chip)
	R301	0611024A85	33k (chip)
	R302	1805500L08	22k variable
	R304	0611024A63	3.9k (chip)
	R305	1805500L08	22k variable
	R308-	0611004+70	101. (-1-1-1)
	R310	0611024A73	10k (chip)

		· ·
		THERMI STOR:
RT 60		lk
RT151		
RT 152 RT 153	0683600K05	5.4k @ 25°C NTC 100k
KI 195	000300000	100K
		INTEGRATED CIRCUIT: (SEE NOTE)
U 51	5105479G05	
U101	5183548N19	Divider
U102	5184810F66	Prescaler
		ZENER DIODE: (SEE NOTE)
VRIOI	4883461 <b>E</b> 40	Zener 5.1V
		CRYSTAL:
¥ 51	9180082J02	
Y 52	4805488G03	
¥151	4802443B21	
		NON-REFERENCED ITEMS:
	2602338M01	
	2680153J02	
	2680182B01	Shield RF
		Pad Crystal Base
	7505295B07	Pad Crystal Base
GLD6177	A RF Hardwar	e Box
SYMBOL	PART NO.	DESCRIPTION
	3902339M01	RF CONTACT, spring
CT D6170	A Transmitte	r RF Board (136-162MHz)
GLD0179	A Transmitte	r RF Board (146-174MHz)
0120100	. rianomicie	I AF DOALD (140-1/4MHZ)
SYMBOL	PART NO.	DESCRIPTION
		CAPACITOR, fixed uF 10% 50V
		unless otherwise stated
C51	2111032A21	unless otherwise stated 0.01 (chip)
C80	2311048B13	unless otherwise stated 0.01 (chip) 10 20% 16V
C80 C101	2311048B13 2311048B13	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V
C80 C101 C102	2311048B13 2311048B13 0811051A13	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V
C80 C101 C102 C103	2311048B13 2311048B13 0811051A13 2111032A21	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip)
C80 C101 C102 C103 C104	2311048B13 2311048B13 0811051A13 2111032A21 2311048B13	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V
C80 C101 C102 C103 C104 C105	2311048B13 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip)
C80 C101 C102 C103 C104 C105 C106	2311048B13 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21 2111031A19	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip)
C80 C101 C102 C103 C104 C105	2311048B13 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip) 0.10 +80-20% (chip)
C80 C101 C102 C103 C104 C105 C106 C108	2311048B13 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21 2111031A19 2111032B13	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip)
C80 C101 C102 C103 C104 C105 C106 C108 C109	2311048B13 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21 2111031A19 2111032B13 0811051A13	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip) 0.10 +80-20% (chip) 0.1 5% 63V
C80 C101 C102 C103 C104 C105 C106 C108 C109 C110	2311048B13 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21 2111031A19 2111032B13 0811051A13 2111032B13	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip) 0.10 +80-20% (chip) 0.1 +80-20% (chip)
C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111	2311048B13 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21 2111031A19 2111032B13 0811051A13 2111032B13 2384538G14	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip) 0.10 +80-20% (chip) 0.1 5% 63V 0.1 5% 63V 0.01 5% 63V 0.0056 (chip)
C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114	2311048B13 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21 2111032A21 2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip) 0.10 +80-20% (chip) 0.1 5% 63V 0.1 5% 63V 0.01 5% 63V 0.0056 (chip) 0.01 (chip)
C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115	2311048B13 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21 2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A18 2111032A21 0811051A13	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip) 0.10 +80-20% (chip) 0.1 5% 63V 0.01 5% 63V 0.0056 (chip) 0.01 (chip) 0.1 5% 63V
C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116	2311048B13 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21 2111032A19 2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A21 0811051A13 2111032A09	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip) 0.10 +80-20% (chip) 0.1 5% 63V 0.01 5% 63V 0.0056 (chip) 0.01 (chip) 0.1 5% 63Y 0.001 (chip) 0.001 (chip)
C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117	2311048B13 2311048B13 0811051A13 2111032A21 2311048B13 2111032A21 2111032A21 2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A19 2111032A09 2111032A09	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip) 0.10 +80-20% (chip) 0.1 5% 63V 0.01 5% 63V 0.0056 (chip) 0.01 (chip) 0.001 (chip) 0.001 (chip) 0.001 (chip)
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C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C211 C221 C223 C224 C225	2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A21 2111032B13 2384538G14 0811051A13 2111032A18 2111032A18 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111031A15 2111031A45 2111031A45 2111031A45 2111031A45 2111031A45 2111031A45 2111031A45 2111032A09 2111032A09 2111031A45 2111031A45 2111031A45 2111032A09 2111032A09 2111031A36 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 0.1 5% 63V 0.01 5% 63V 0.0056 (chip) 0.01 (chip) 0.01 (chip) 0.001 (chip) 0.01 (chip) 0.01 (chip) 0.02 20% 35V 180pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip) 0.001 (chip) 0.001 (chip) 0.001 (chip) 0.001 (chip) 0.001 (chip) 15pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip) 1.5pF 0.25pF (chip) 1.5pF 0.25pF (chip)
C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C211 C221 C222 C223 C224 C225 C226	2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A21 2111032A13 2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A19 2111031A15 2111031A45 2111031A45 2111031A23 2111031A36 2111031A36 2111031A36 2111031A03 2111031A03 2111031A03 2111031A03 2111031A13 2111031A03 2111031A35 000000000000000000000000000000000000	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip) 0.1 5% (chip) 0.1 5% 63V 0.1 +80-20% (chip) 1 10% 35V 0.01 5% 63V 0.0056 (chip) 0.01 (chip) 0.01 (chip) 0.001 (chip) 0.01 (chip) 0.01 (chip) 0.02 20% 35V 180pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip) 0.001 (chip) 0.001 (chip) 0.001 (chip) 0.01 (chip) 0.01 (chip) 0.01 (chip) 0.01 (chip) 0.01 (chip) 0.01 (chip) 0.01 (chip) 15pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip) 1.5pF 0.25pF (chip) 1.5pF 0.25pF (chip) 2.2pF 0.5pF (chip) 2.2pF 0.5pF (chip)
C80 C101 C102 C103 C104 C105 C106 C108 C109 C110 C111 C112 C113 C114 C115 C116 C117 C119 C120 C151 C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C211 C221 C222 C223 C224 C225 C226	2311048B13 2311048B13 2311048B13 2111032A21 2311048B13 2111032A21 2111032A21 2111032B13 0811051A13 2111032B13 2384538G14 0811051A07 2111032A18 2111032A18 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A09 2111032A15 2111032A21 2302057B09 2111031A45 2111031A45 2111031A45 2111031A23 2111031A36 2111032A09 2111032A09 2111031A36 2111032A09 2111031A36 2111032A09 2111031A36 2111031A33 2111031A03 2111031A03 2111031A13	unless otherwise stated 0.01 (chip) 10 20% 16V 10 20% 16V 0.1 5% 63V 0.01 (chip) 10 20% 16V 0.01 (chip) 15 5% (chip) 0.10 +80-20% (chip) 0.10 +80-20% (chip) 1 10% 35V 0.01 5% 63V 0.0056 (chip) 0.01 (chip) 0.01 (chip) 0.001 (chip) 180pF 5% (chip) 180pF 5% (chip) 15pF 5% (chip) 15pF 5% (chip) 0.001 (chip) 0.001 (chip) 0.001 (chip) 0.001 (chip) 0.001 (chip) 0.001 (chip) 15pF 5% (chip) 1.5pF 0.25pF (chip) 1.5pF 0.25pF (chip) 8.2pF 0.5pF (chip)

C228	2111031A17	12pF 5% (GLD6179A)
	or	•
	2111031A13	8.2pF 0.5pF (chip) (GLD6180A)
C229	2111031A21	
	or	- ·
	2111031A13	8.2pF 0.5pF (chip) (GLD6180A)
C230	2111031A21	8pF 5% (chip) (GLD6179A)
	or	
	2111031A13	8.2pF 0.5pF (chip) (GLD6180A)
C231	2111031A05	2.2pF 0.25pF (chip) (GLD6179A)
	or	·
	2111031A03	
C232	2111032A05	0.00047 (chip)
C233	2111032A09	0.001 (chip)
C234	2111032A09	0.001 (chip)
C235	2111031 <b>A</b> 03	1.5pF 0.25pF (chip)
C237	2111032A09	
C238	2111031A13	8.2pF 0.5pF (chip) (GLD6179A)
	or	- · · ·
	2111031A12	7.5pF 0.5pF (chip) (GLD6180A)
C239-		
C241	2111032A09	
C242	2111031A08	3.9pF 0.25pF (chip) (GLD6179A)
	or	
	2111031A05	• • • • • • •
C243	2111031A51	
C244	2111032A09	
C251	2111032A21	• • •
C252	2311048B19	
C253	2311048B19	
C254	2111032A21	
C301	2311048в05	
C302	0811051A17	0.47 5% 63V
C303-		
C312	2111031A39	100 5% (chip)
CB101	4003454001	DIODE: (SEE NOTE)
CR101	4883654H01	Silicon
CR102 CR151	4883654H01	
CR151 CR152	4882190H54 4882190H54	
CR152	4884399M01	
CR154	4884399M01	
CR204-	4004333001	3111000
C206	4882190H54	Silicon varactor
C207	4884616A01	
		CONNECTOR: receptacle
J1, 2	0980168K01	Female, coaxial type
J3	0980179H01	Female, 11-contact
		COIL:
	2480299D01	
L152	2482723H37	6.2uH (blue) 3.5 turns
L210	2480164J02	3.5 turns
L211	2482723H46	0.2uH (blue-green)
L212-		
L215	2480044 <b>F</b> 04	Choke, 1.2uH
L216	2411030B15	10.5 turns (white)
L217	2482723H41	
L218	2480044 <b>F</b> 04	1.2uH
		TRANCT COOR ( CORD NOT)
0101	4000001 001	TRANSISTOR: (SEE NOTE)
Q101	4802081B31	M1B31 (alt: M1B11)
Q102	4800869987	
Q103	4800869987	
		M1B31 (alt: M1B11)
Q105		M1B30 (alt: M1B10)
		M3B16 (alt: M9932)
		M1B30 (alt: M1B10)
		M1B31 (alt: M1B11)
		M1830 (a16. M1810)
Q202	4802081B30	M1B30 (alt: M1B10)
Q202 Q205 Q206	4802081B30	M1B30 (alt: M1B10) FET M3B12 (alt: M9839) M1B30 (alt: M710)
Q205 Q206	4802081B30 4811043B12 4802081B30	FET M3B12 (alt: M9839) M1B30 (alt: M1B10)
Q205 Q206 Q207	4802081B30 4811043B12 4802081B30 4811043B19	FET M3B12 (alt: M9839) M1B30 (alt: M1B10) M3B19 (alt: M9658)
Q205 Q206 Q207 Q208	4802081B30 4811043B12 4802081B30 4811043B19 4811043B16	FET M3B12 (alt: M9839) M1B30 (alt: M1B10) M3B19 (alt: M9658) M3B16 (alt: M9932)
Q205 Q206 Q207	4802081B30 4811043B12 4802081B30 4811043B19	FET M3B12 (alt: M9839) M1B30 (alt: M1B10) M3B19 (alt: M9658) M3B16 (alt: M9932)
Q205 Q206 Q207 Q208	4802081B30 4811043B12 4802081B30 4811043B19 4811043B16	FET M3B12 (alt: M9839) M1B30 (alt: M1B10) M3B19 (alt: M9658) M3B16 (alt: M9932) M1B30 (alt: M1B10)
Q205 Q206 Q207 Q208	4802081B30 4811043B12 4802081B30 4811043B19 4811043B16	FET M3B12 (alt: M9839) M1B30 (alt: M1B10) M3B19 (alt: M9658) M3B16 (alt: M9932) M1B30 (alt: M1B10) RESISTOR, fixed: 5% 1/8 W
Q205 Q206 Q207 Q208 Q251	4802081B30 4811043B12 4802081B30 4811043B19 4811043B16 4802081B30	FET M3B12 (alt: M9839) M1B30 (alt: M1B10) M3B19 (alt: M9658) M3B16 (alt: M9932) M1B30 (alt: M1B10) <u>RESISTOR, fixed:</u> 5% 1/8 W unless otherwise stated
Q205 Q206 Q207 Q208	4802081B30 4811043B12 4802081B30 4811043B19 4811043B16 4802081B30 0602438B15	FET M3B12 (alt: M9839) M1B30 (alt: M1B10) M3B19 (alt: M9658) M3B16 (alt: M9932) M1B30 (alt: M1B10) <u>RESISTOR, fixed:</u> 5% 1/8 W unless otherwise stated 150 0.5W
Q205 Q206 Q207 Q208 Q251 R101	4802081B30 4811043B12 4802081B30 4811043B19 4811043B16 4802081B30	FET M3B12 (alt: M9839) M1B30 (alt: M1B10) M3B19 (alt: M9658) M3B16 (alt: M9932) M1B30 (alt: M1B10) <u>RESISTOR, fixed:</u> 5% 1/8 W unless otherwise stated 150 0.5W
Q205 Q206 Q207 Q208 Q251 R101 R102 R103-	4802081B30 4811043B12 4802081B30 4811043B19 4811043B16 4802081B30 0602438B15	FET M3B12 (alt: M9839) M1B30 (alt: M1B10) M3B19 (alt: M9658) M3B16 (alt: M9932) M1B30 (alt: M1B10) <u>RESISTOR, fixed:</u> 5% 1/8 W unless otherwise stated 150 0.5W 1.2k (chip)

R106	0611024A01	10 (chip)
R107	0611024A77	15k (chip)
R108	0611024A39	390 (chip)
R109	0611024A37	330 (chip)
R110 R111	0611024A51 0611024A37	1200 (chip)
R112	0611024A57	330 (chip) 680 (chip)
R113	0611024A67	5600 (chip)
R116	0611024A45	680 (chip)
R117	0611024A63	3900 (chip)
R118 R119	0611024A71 0611024A71	8200 (chip) 8200 (chip)
R120	0611024A19	56 (chip)
R121	0611024A19	56 (chip)
R122	0600185A33	220
R123 R152	0611024A25 0610621E25	100 (chip)
R152	0610621625	237k 1% 0.25W 6190 1% 0.25W
R155	0610621C57	4420 1% 0.25W
R156	0611024A97	100k (chip)
R157-		
R158 R159	0611024A73 0611024A77	10k (chip) 15k (chip)
R160	0611024A09	22 (chip)
R161	0611024A53	1500 (chip)
R162	0611024A49	•
R201	0611024A19	56 (chip)
R204 R205	0611024A65 0611024A73	4700 (chip) 10k (chip)
R214	0611024A97	100k (chip)
R215-	•	· · · · · · · · · · · · · · · · · · ·
R217	0611024A73	10k (chip)
R218 R219	0611024A29 0611024A77	150 (chip)
R220	0684764A22	15k (chip) 560 0.25W
R221	0684764A22	560 0.25W
R222	0611024A45	680 (chip)
R223	0611024A57	220 (chip)
R224 R225	0611024A45 0611024A25	680 (chip) 100 (chip)
R226	0611024A45	680 (chip)
R227	0611024A15	39 (chip)
R228	0611024A51	1200 (chip)
R229 R230	0611024A37 0611024A41	330 (chip)
R231	0611024A41	470 (chip) 12 (chip)
R232	0611024A41	470 (chip)
R234	0611024A49	1000 (chip)
R235	0611024A19	56 (chip)
R251 R252	0611024A35 0611024A01	270 (chip) 10 (chip)
R301	0611024A79	18k (chip)
R302	1805500L08	variable 22k 20% 100V
R303	0611024A31	180 (chip)
R304 R305	0611024A01 1805500L08	10 (chip) variable 22k 20% 100V
R306	0611024A01	10 (chip)
R307	0611024A57	2200 (chip)
R308	0611024A65	4700 (chip)
R309	0611024A65	4700 (chip)
R310	0611024A65	4700 (chip)
		THERMI STOR:
RT151	0683600K06	10k 5%
RT152	0683600K06	10k 5%
RT153	0683600K05	100k (black)
		INTEGRATED CIRCUIT: (SEE NOTE)
U101	5183548N19	Synthesizer
U102	5180135C05	Divider
		ZENER DIODE: (SEE NOTE)
VR101	4882256C15	Zener, 5.1V
		CRYSTAL:
¥151	4802443B21	14.4 MHZ
		NON-REFERENCED ITEMS:
	2680210K01	SHLD COIL CAN
	2602484MD1	SHIELD
	2680182H01	SHLD RF
	6680229A63 7505295B01	TOOL ALIGN PAD XTAL BASE
	, J DV I	

## GLD6183A Transmitter RF Board 174-225 MHz

		er RF Board 174-225 MHz	L101	2411030B14	COIL, RF: 9.5 turns (blue)
SYMBOL	PART NO.	DESCRIPTION	L151	2480299D01	17.5 turns (orange)
			L152	24021 <b>3</b> 0M18	Choke, 4.7uH
		CAPACITOR, fixed: uF 50V	L210	2480164J06	2.5 turns
0.95	0111000407	unless otherwise stated	L211-		
C25 C63	2111032A27	CAPACITOR, fixed: uF 50V unless otherwise stated 0.033 10% (chip) 10 20% 16V 0.01 5% 63V 0.01 10% (chip) 10 20% 16V	L215	2402130M01	Choke, luH
C101	2311040813		L216	2411030B14	9.5 turns (blue)
C101	2311040813		L217		7 turns (violet)
C102 C103	0011051A15		L218	2402130M01	Choke luH
C105	211103ZAZ1	0.01 10% (chip)			
C104 C105	2311048813				TRANSISTOR: (SEE NOTE)
C105	2111032A21	0.01 10% (chip) 15pF 5% (chip) 15pF 5% (chip) 0.10 +80-20% (chip)	Q101	4802081B31	M1B31 (alt: M1B11)
C105	2111031A19	LOPF 5% (chip)	Q102	4800869987	
C107	211103LA19	15pf 5% (chip)	Q103	4800869987	M9987
	2111032813	0.10 +80-20% (chip)	Q104	4802081B31	M1B31 (alt: M1B11)
C109	0811051A15	0.22 5% 63V	Q105	4802081B30	M1B30 (alt: M1B10)
C110	2384538G14		Q107	4811043B16	M3B16 (alt: M9932)
C114	2111032A21	0.01 10% (chip)	Q151	4802081B30	M1B30 (alt: M1B10)
C115	2111032B13	0.10 +80-20% (chip)	Q152	4802081B31	M1B31 (alt: M1B11)
C116	2111032A09	0.001 10% (chip)	Q202	4802081B30	M1B30 (alt: M1B10)
C117	2111032A09	0.001 10% (chip)	Q205	4811043B12	FET M3B12 (alt: M9839)
C118	2111031A08	3.9pF 0.25pF (chip)	Q206	4802081B30	M1B30 (alt: M1B10)
C119	2111032A09	0.001 10% (chip)	Q207	4811043B19	M3B19 (alt: M9658)
C120	2111032A09	0.001 10% (chip)	Q208		M3B19 (alt: M9658)
C150	2111031A35	68pF 5% (chip)	Q251	4802081B30	M1B30 (alt: M1B10)
C151	2111032A21	0.10 +80-20% (chip) 0.22 5% 63% 1 10% 35% 0.01 10% (chip) 0.001 10% (chip) 0.001 10% (chip) 3.9pF 0.25pF (chip) 0.001 10% (chip) 68pF 5% (chip) 0.01 10% (chip)	<b>~</b> *		( Mabav)
C152	2111031A1/	12pF 5% (chip)			RESISTOR, fixed: chip 5% 0.125
C153	2111032A21	0.01 10% (chip)			unless otherwise stated
C154	2111032A21	0.01 10% (chip)	R101	0602438B15	150 0.5W (GLD6183A)
C155	2311048B05	1 20%			150 0.6W (GLD6184A)
C156	2111031A45	180 5% (chip)	R102	0611024A51	
C157					
C158	2111032A21	0.01 10% (chip)	R105	0611024A73	104
C159	2111031A25	27pF 5% (chip)	R106	0611024A01	10
C160	2111031A23	22pF 5% (chip)	R107	0611024A77	
C201	2111032A09	0.001 10% (chip)	R108	0611024A77	
C202	0811051A09	0.022 5% 63V	R109	0611024A25	
C211-			R110	0611024A47	
C222	2111032A09	0.001 10% (chip)	R111	0611024A67	
C223	2111031A01	1.0pF 0.25pF (chin)	R112	0611024A37	
C224	2111031A07	3.3pF 0.25pF (chip)	R112 R113	0611024A25	
C225	2111031A01	1.0pF 0.25pF (chip)	R115 R114		
2226	2111031A15	10  pF = 0.5  pF (chin)	R114 R115	0611024A37 0611024A67	
2227	2111031A01	1.0pF 0.25pF (chip)	R115 R116		
2228-			R110 R120	0611024A57	
230	2111031A19	<ul> <li>180 5% (chip)</li> <li>0.01 10% (chip)</li> <li>27pF 5% (chip)</li> <li>22pF 5% (chip)</li> <li>0.001 10% (chip)</li> <li>0.022 5% 63V</li> <li>0.001 10% (chip)</li> <li>1.0pF 0.25pF (chip)</li> <li>3.3pF 0.25pF (chip)</li> <li>1.0pF 5% (chip)</li> <li>1.0pF 5% (chip)</li> <li>1.0pL 0.25pF (chip)</li> </ul>	R120 R121	0611024A33	
231	2111031A01	1.0pF = 0.25pF (chin)	R121 R123	0611024A19	
232	2111031455	470pF 5% (chip)	R125	0611024A25	
233	2111032A09	0.001 10% (chip)	R151 R152	06023000037	2.2k 1% 0.39W
234	2111032A09	0.001 10% (chip)			27k 1% 0.39W
235		1.5pF 0.25pF (chip)	R153	0602366M/3	10k 1% 0.39W
237	2111032409	0.001 10% (chip)	R154	0602366M89	47k 1% 0.39W
238	2111031411	6.8pF 0.5pF (chip)	R155		1.2k 1% 0.39W
239-	ZIIIUJIAII	c.opr c.opr (calp)	R156	0611024A97	
	2111032400	0.001 10% (chip)	R157	0611024A73	
241	2111021405	2 2mE 0 25-77 (-1 * )	R158	0611024A73	
	2111031461 -	2.2pF 0.25pF (chip)	R159	0611024A77	
243	2111032400	330pF 5% (chip) 0.001 10% (chip)	R160	0611024A09	
245	2111022AUY	0.001 10% (Chip)	R161	0611024A53	
	2111021415	0.001 10% (chip)	R162	0611024A49	
251	2111022401	10pF 0.5pF (chip)	R204	0611024A65	
	2111032A21	0.01 10% (chip)	R205	0611024A73	
	2311048B19		R214	0611024A97	100k
	2311048B19		R215-		
		0.01 10% (chip)	R217	0611024A73	
	2311048805		R218	0611024 <u>A2</u> 9	150
	0811051A17	0.47 5% 63V	R219	0611024A77	
303-			R220	0684764A22	560 0.25W
312	2111031A39	100pF 5% (chip)	R221	0684764A22	560 0.25W
			R222	0611024 <u>A</u> 45	680
		DIODE: (SEE NOTE)	R223	0611024A57	2.2k
	4883654H01		R224	0611024A45	
	4883654H01		R225	0611024A25	
R151	4882190H54	Silicon, varactor	R226	0611024A45	
	4882190H54	Silicon, varactor	R227	0611024A25	
R152	4883654H01	Silicon	R228	0611024A57	
R152 R153	4000454101	Silicon	R229	0611024A37	
R152 R153	4003034HUI		R230	0611024A41	
R152 R153 R154 R204-					
R152 R153 R154 R204-		Silicon, varactor	R231	0611024 402	12
R152 R153 R154 R204- R206	4882190H54	Silicon, varactor Silicon, hot carrier	R231 R232	0611024A03 0611024A41	
R152 R153 R154 R204- R206	4882190H54	Silicon, varactor Silicon, hot carrier	R232	0611024A41	470
R152 R153 R154 R204- R206	4882190H54	Silicon, hot carrier	R232 R234	0611024A41 0611024A49	470 1k
R152 R153 R154 R204- R206 R207	4882190H54 4884616A01		R232	0611024A41	470 1k 56

		, ,			
R251	0611024425	070			
R252	0611024A35				DIODE: (SEE NOTE)
	0611024A01		CR1340		Silicon
R301	0611024A85			4884616A01	Hot carrier
R302	1805500108	·		4883510F04	
R303	0611024A49		CR1371	4883510F04	Pin
R304	0611024A63				
R305	1805500108				FERRITE:
R306	0611024A49	1000	E1330	7683960B01	Bead
R308-		·	E1331	7683960B01	Bead
R310	0611024A73	10k			
					FILTER:
		THERMI STOR:	FT1300	p/o P5	Feedthru
RT151	0683600K06	10k	FT1301-	-	
RT152	0680176D04	5.4k	FT1305	9187511C01	Feedthru
RT153	0683600K05	100k			
					CONNECTOR; receptacle:
-		INTEGRATED CIRCUIT: (SEE NOTE)	J8	0102716869	Assy coax cable, includes:
U101	5183548n19			0982442E01	
U102	5184810F66	Divider		1500483599	
				3083794C01	
		ZENER DIODE: (SEE NOTE)	•	4303423A01	
VR101	4883461E40			0380269H08	
					Screw MSX0.5, 2 used
		CRY STAL:		0703432A01	Bracket, connector
¥151	4802443 B21	14.4 MHz			
	4002443021		T 1 2 1 0	0/11000.01	COIL, RF:
		NON-DEFEDENCED TTENC.	L1310	2411030A01	
	7505205 801	NON-REFERENCED ITEMS: PAD, crystal base, 2 used	L1311	2411030B07	
	6602420M01		L1312	2411030B15	
			L1313	2480036A01	
	6680329A63		L1320	2411030A03	
	2602338M01	,	L1321	2411030E07	
	2680182H01	<b>3</b>	L1322	2482723H37	······································
	2680153J02	SHIELD, coil can	L1323	2411030A01	
			L1324	2480036A01	Choke bead, ferrite
		•	L1330		1/2 turn (red)
GLD6185			L1331	2482723H37	Choke 6.2uH (blue)
Power A	mplifier 136	-174MELz 10W	L1333	2411030B07	3.5 turns (white)
			L1334	2482723H46	Choke 0.2uH (blue/green)
SYMBOL	PART NO.	DESCRIPTION	L1335	2484346A02	Choke 0.23uH
		. ,	L1336	2411030E01	0.5 turn (brown)
		CAPACITOR, fixed: pF 5% 50V	L1337		4 1/2 turns (brown)
		unless otherwise stated	L1338		1/2 turn (green)
C1310	2111031A55	470	L1339		4 turns (yellow)
C1311	2111031A19	15	L1350		5 1/2 turns (red)
C1312	2111031A39	100	L1351		6 turns (blue)
C1313	2111031A61	1000	L1352		5 1/2 turns (red)
C1314	2111031A55	470	L1353		5 1/2 turns (red)
C1315	2111032B13	0.luF +80-20%	L1354		10 1/2 turns (white)
C1320	2111031A33	56	L1370		Choke 1.2uH blue/black
C1321	2111031 <u>a</u> 29	39	L1371	2411030B10	5 1/2 turns (red)
C1322	2111031A36		L1372	2482723H49	
C1323	2111031A55		21072	2402/25114/	CHORE I + Zun
C1325		0.1uF +80-20%			CONNECTOR, plug:
C1330	2111031A42		P1	159260/002	Housing, receptacle 4-contact
C1331	2111031A43			2082603002	Contact, crimp, 4 used
C1332	2111031A36		Р5	0000039V02	Forela title and the
C1333	2111031A55			2020116706	Female single contact
C1334		0.47uF 5% 63V	P6, P7	2000110000	Assy, plug and RF cable coaxial
C1335	2111033B31				
C1336	2111031A58				
C1337	2111033B26		01310	1900960157	TRANSISTOR: (SEE NOTE)
C1338	2111033B31		Q1310		
C1339	2111033B24		Q1320		M9859
C1340	2111031A49		Q1330	4880225C18	M5C18
C1340					
C1341	2111033B24 2111031A55				
C1342	2111051A35				RESISTOR, fixed: 5% 1/8W (chip)
	0011031A17	0.47uF 5% 63V			unless otherwise stated
C1344	2111031A39		R1310		390
C1345		0.1uF +80-20%	R1311	0611024A49	
C1346	2111031A55		R1312		56
C1347	2111032B13	0.1uF +80-20%	R1313	0611024A19	
C1351	2180240G02	33 250V	R1314		390
C1352	2180240G02	33 2304	R1320	0611024A25	
C1353	2180240G01	30 2507	R1321	0611024A21	
C1354	2180240G40	2/ 250V	R1322	0611024A01	
C1355	2180240G38		R1330	0611024A19	56
C1356	2111031A49		R1331	0611024A01	10
C1360		3.0 5% 500V	R1332	0600126A23	82 1W
C1361	2111031A13		R1335	0602369M24	
C1362	2111031A26		R1336-		
C1370	2111031A18			0611024A37	330
C1371	2111031A43	150	R1360	0611024A73	
C1372	2111031A55			0611024A75	
C1380	2111031A55			0600126A29	
	-				

			THERMI STOR :
	RT1380	0683600K05	100k @ 25°C
			NON-REFERENCED ITEMS:
		0200007003	NUT 8-32x5/16x1/8"
		0200007018	
		0302607B01 0302607B02	
		0380269H09	
		0384723C17	
		0400007691	LOCKWASHER 3/8" internal
		0484717002	WASHER 3.2 4 used LOCKWASHER A3.2 2 used
		0484718C19	LOCKWASHER J4.3mm
			BRACKET feedthru
1.		1484836A01 1503424A01	
			SHIELD antenna
		2680176H08	HEAT SINK
		2680199J01	SHIELD harmonic filter
1		2680222H01 2900005318	HEAT SINK
		2980014A01	CLIP terminal coax 2 used
		3282796H04	GASKET
		4210217A02	STRAP tie 2 used
		4282405R01	CLIP P.A.
•			
• .	GLD6186		
	Power A	mplifier 136	-174MHz 25W
	SYMBOL	PART NO.	DESCRIPTION
	011202		
			CAPACITOR, fixed: pF 5% 50V
· .	C1/10	2111031455	unless otherwise stated 470 (chip)
	°C1411	2111031A55 2111031A19	15 (chip)
	C1412	2111031A37	82 (chip)
· · .	C1413 C1414	2111031A61	1000 (chip)
	C1414 C1415	2111032B13 2111031A55	
	C1415 C1420	2111031A35	
	C1421	2111031A27 2111031A33	
	C1422	2111031A33	56 (chip)
<i></i>	C1423 C1424	2111032B13 2111031A22	0.luF +80-20% 20 (chip)
5	C1430	2111031A47	220 (chip)
÷	C1431	2111031A35	
	C1432	2111031A35	
	C1433 C1434		470 (chip)
	C1435		43 100V (chip)
	C1436		
	C1437 C1438	2111033B33 2111031A55	
÷	C1439	0811051A17	0.47uF 63V
	C1440	2111033B35	
	C1441	2111033B42	· · · · · · · · · · · · · · · · · · ·
•••	C1442 C1443	2180240G55 2180240G52	
	C1444	2180240G03	
	C1445	2111034A55	470 (chip)
÷	C1446	2111031A41 2111031A55	120 (chip) 470 (chip)
	C1447 C1448	2111031RJJ	
	C1450		470 (chip)
	CI45I	2180240G01	30 250V
	C1452 C1453	2180240G02 2180240G01	33 250V 30 250V
•	C1454 C1455	2180240G38	22 250V
	C1460	2182450B11	
	C1461	2111031A17 2111031A26	
	C1462 C1470	2111031A15	10 0.5% (chip)
	C1471	2111031A41 2111031A55	120 (chip)
			470 (chip)
	C1480	2111031A55	470 (chip)
			DIODE: (SEE NOTE)
		4880236E07	Transorb
. '		4884616A01	
	CR1470	4883510F04	Pin

CR1471 4883510F04 Pin

FERRITE: E1430 7683960B01 Bead 7683960B01 E1440 Bead FILTER: p/o P5 FT1400 Feedthru FT1401-FT1405 9187511C01 Feedthru CONNECTOR, receptacle: Assy coax cable, includes: 0102716B69 0982442E01 Female, single contact 1500483599 Hood, receptacle 3083794C01 Cable, coaxial 4303423C01 Bushing 0380269H08 Screw, tapt M3x0.5, 2 used 0703432A01 Bracket, connector COIL: 2 turns (red) L1410 2411030A01 L1411 2411030A03 4 turns (yellow) 2411030B15 10 1/2 turns (white) L1412 L1420 2411030A06 7 turns (violet) 2 turns (red) L1421 2411030A01 Choke, 6.2uH (blue) L1422 2482723H37 2 turns (red) L1423 2411030A01 L1424 2480036A01 Ferrite bead L1430 2411030A02 3 turns (orange) 10 1/2 turns (white) 2411030B15 L1431 2480036A01 Ferrite bead L1432 L1433 2411030E01 1/2 turn (brown) Choke 0.2uH (blue-green) 2482723H46 L1434 1/2 turn (brown) L1435 2411030E01 2411030A03 4 turns (yellow) L1440 L1441 2482723H37 Choke, 6.2uH (blue) L1442 2411030A05 6 turns (blue) 2484346A02 Choke 0.23uH L1443 2411030E01 1/2 turn (brown) L1444 2411030A02 3 turns (orange) L1445 2411030B10 5 1/2 turns (red) L1450 L1451 2411030A05 6 turns (blue) 2411030B10 5 1/2 turns (red) L1452 5 1/2 turns (red) 2411030B10 L1453 L1454 2411030B15 10 1/2 turns (white) 2482723H49 Choke, 1.2uH (blue-black) L1470 5 turns (green) L1471 2411030A04 2482723H49 Choke, 1.2uH (blue-black) L1473 CONNECTOR, plug: Housing, 4-contact 1582694R03 3982693R02 Contact crimp snap, 4 used 0980038K02 Female single contact Assy cable coaxial incl plug P6, P7 3080116K06 TRANSISTOR: (SEE NOTE) Q1410 4800869657 M9657 Q1420 4800869859 M9859 Q1430 4880225G18 M5C18 M1B18 Q1440 4802081B18 RESISTOR, fixed: 5% 1/8W (chip) unless otherwise stated **R1410** 0611024A39 390 0611024A49 R1411 1k R1412 0611024A19 56 0611024A19 R1413 56 0611024A39 390 R1414 0611024A31 R1420 180 0611024A56 2k R1421 R1440 0611024A11 27 0611024A73 10k R1460 R1462 0611024A75 12k 0602369M29 R1470 220 0.6W 0611024A49 R1471 1k 0611024A49 1k R1472 0611024A07 R1474 18 THERMI STOR: 100k @ 250C RT1480 0683600K05 NON-REFERENCED ITEMS: NUT 3/8-32x1/2x3/32" 0200007018 0302607B01 SCREW M3x8 10 used SCREW M3x6 4 used 0302607B02

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P1

Р5



		* .			
	0380269H09		a1070		FILTER:
		SCREW M4x8 LOCKWASHER 3/8" int'l	C1870- C1874	9187511C01	Feedthru
		WASHER 3.2 4 used	C1875	p/o P5	Feedthru
		LOCKWASHER A3.2 2 used	<b>C1876</b>	2311048B05	luF 20%
		LOCKWASHER J4.3 BRACKET feedthru			DIODE: (SEE NOTE)
		INSULATOR (Q1410)	CR1801	4880236E07	Zener type 28V
	1503424A01	COVER PA	CR1851	4883510F04	Pin
	-	SHIELD antenna		4802506B03	
	2680176H08 2680199J01		CRIOJJ	4884616A01	not carrier
	26802222H01	HEAT SINK			CONNECTOR, receptacle:
		CONTACT female	J8		Assy, coax cable, includes:
	2900005318 2980014A01	CLIP coax terminal 2 used		0982442E01 1500483599	•
-	3282796н04	GASKET		3083794C01	• •
		STRAP 0.091x3.62" 2 used		4303423A01	
	4280201J01 4282405R01	CLIP ground 2 used		0380269H08 0703432A01	
				0,034521102	•
GLD6190	A Power Ampl	ifier 174-225MHz 25W	L1801	2411030A01	COIL: RF
0120170	i towet impi		L1803	2482723H05	0.41uH (yellow)
SYMBOL	PART NO.	DESCRIPTION	L1804	2482723H44	0.039uH (blue-yellow)
		CAPACITOR, fixed: pF 5% 50V	L1805 L1806	2411030E06	RF 1.5 turns (orange)
		unless otherwise stated	L1800	2411030B05	
C1801	2111031A39	· · · · •	L1808	2411030A04	5 turns (brown)
C1802	2111031A19		L1809		0.039nH (blue-yellow)
C1804 C1805	2111031A61 2111031A51	1000 (chip) 330 (chip)	L1810 L1811		18.6nH (green) 4 turns (yellow)
C1807	2111031A59	680 (chip)	L1813		Choke, 1/2 turn ferrite bead
C1808	2111032A25	0.22uF 10% (chip)	L1814		10.5 turns (white)
C1809 C1810	2111032A25 2111032A27	0.22uF 10% (chip) 0.033uF 10% (chip)	L1818 L1819	2411030E03 2480036A01	RF (orange) 1/2 turn
C1812	2111031A39		L1819		0.29uH (yellow)
C1813	2111031A27	33 (chip)	L1822	2480036A01	1/2 turn
C1814	2111031447		L1823	2480036A01	
C1815 C1816		10 0.5% (chip) 1000 (chip)	L1824 L <b>1825</b>	2480036A01 2411030A04	1/2 turn 5 turns (green)
C1817	2111031A43	· · · · · ·	L1827		18.6nH (green)
C1818	2111031A31		L1828		4 turns (yellow)
C1819 C1820-	2111031A27	33 (chip)	L1851 L1852		1.2uH (blue-black) 1.2uH (blue-black)
C1822	2111031A33		L1853		5 turns (green)
C1823	2111031A35		L1854		5 turns (green)
C1824 C1825	2111032A27 2111031A61	0.033uF 10% (chip) 1000 (chip)	L1855 L1856		5 turns (green) 5 turns (green)
C1826	2311048B05	luF 20%	L1857		10 1/2 turns (white)
C1827	2111031A19	15 (chip)			
C1828 C1829	2111031A17 2111031A23		P1	158260/ 001	CONNECTOR, plug: Hsng, receptacle 4-contact
C1830	2111031A25			3982693R02	Contact, crimp snap, 4 used
C1831	2111031A31	47 (chip)	P5	0980038K02	Female single contact
C1832	2111031A29	·	P6	3080116K06	Assy, RF plug & cable
C1833 C1834	2111032A27 2111031A59		P7	3080116806	Assy, RF plug & cable
C1835	2111031A61	1000 (chip)			TRANSISTOR (SEE NOTE)
C1836	2302200 B02		Q1801	4800869657	
C1837 C1838		0.33uF 10% (chip) 1000 (chip)	Q1802 Q1803	4800869859 4880225C18	
C1839	2111033B37	100 100V (chip)	Q1804	4802081B28	
C1840	2111033B45				
C1841 C1842	2111031A61 2311048B05				RESISTOR, fixed: 5% 1/8W (chip) unless otherwise stated
C1843	2111032A27		R1801	0611024A29	
C1844	2180240G50	120 250V	R1802	0611024A51	1.2k
C1845 C1846	2180240G43 2180240G35		R1803	0611024A39	390
C1840		470 100V (chip)	R1804 R1805	0611024A39 0602329M03	390 15 0.52W
C1848	2111031A59	680 (chip)	R1806	0611024A07	18
C1850	2184494B07		R1807	0611024A47	820
C1851 C1852	2111031A59 2111031A61		R1808 R1809	0611024A09 0602329M10	22 56 0.52W
C1853	2180240G14		R1810	0602329M23	
C1854	2180240G39	24 250V	R1811	0611024A09	22
C1855	2180240G39		R1812 R1820		
C1856 C1857	2180240G38 2180240G35		R1820 R1821	0611024A47 0602329M02	820 12 0.52W
C1858	2111033B53	470 100V (chip)	R1822	0611024A09	22
C1859	2111031A59		R1823	0611024A09	
C1860 C1861	2111031A59 2111031A59		R1850 R1851	0602391M18 0611024A73	
01001		ooo (ontp)	ALUJI	0011024R/J	- VR .

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R1852	0602329M13	100 0.52W		1500843599	HOOD receptacle
R1854		2.2k 0.52W		1503473A01	HOUSING filter
R1855	0611024A35				CLIP coaxial terminal
R1856 R1857	0611024A77 0611024A87			3080116K05	CABLE coaxial
R1858	0611024A37				· · · · ·
R1859	0611024A35	270	GLE6141	A RF Board,	25kHz (403-433MHz) 5ppm
R1861	0611024A55			DADE NO	NE CONTRACTOR
R1862 R1863	0611024A99 0611024B02		SIMBOL	PART NO.	DESCRIPTION
RIGUS	0011024202	1.5 OK			CAPACITOR, fixed: pf 5% 50V
		THERMI STOR:			unless otherwise stated
	0683600K05 0680176D04	100k @ 25°C	C 1 C 2	2111031A13 2111031A35	8.2 0.25pF
KI 1004			0 2		
		NON-REFERENCED ITEMS: NUT 8-32x5/16x1/8" 2 used NUT 3/8-32x1/2x3/32" SCREW taptite M3x8 8 used SCREW taptite M3x6 4 used SCREW tapt M5x0.8 2 used SCREW M4x8 LOCKWASHER 3/8" internal WASHER 3.2 4 used WASHER A3.2 2 used BRACKET feedthru P.A. INSULATOR (Q1801) COVER P.A. SHIELD antenna connector HEAT SINK	C 5	2111031A35	
	0200007003	NUT 8-32x5/16x1/8" 2 used	C 8	2111032A09	1000
	0200007018	NUT 3/8-32x1/2x3/32"	C 9	2111031A08	3.9 0.25pF
	0302607B01	SCREW taptite M3x8 8 used	C 10	2111032A21	0.01uF 10%
	0302607802	SCREW taptite M5x0 4 used	C 51	2111032A09 2111031A31	0.001uF 10%
	0384723C17	SCREW M4x8	C 52	0611024B23	
	0400007691	LOCKWASHER 3/8" internal	C 54	2111031A09	4.70.25pF
	0484717C02	WASHER 3.2 4 used	C 55	2111031A10	5.6 0.25pF
	0484718C04	WASHER A3.2 2 used	C 56	0611024B23	
	1/8/836401	BRACKET FEEDERTU P.A.	C 58	2111031A21 2111031A21	0.01uF 10% 0.01uF 10%
	1503424A01	COVER P.A.	C 59	2384538G05	0.10uF 20% 15V
	2680092K01	SHIELD antenna connector	C 60	2111031A31	
	2680176H07	HEAT SINK	C 61	2111031A23	
	2680222H01	HEAT SINK HEAT SINK (Q1802)	C 62	2111031A31	
	2900005318	LUG 2 used CLIP terminal coax 2 used	C 63 C 64	2111031A59 2111031A15	
	3282796804	CASKET	C 65		0.22uF 80-20%
	4210217A02	GASKET STRAP 0.091x3.62" 2 used CLIP P.A.	C 66		0.01uF 10%
	4282405R01	CLIP P.A.	C 67	2111032B15	0.22uF 80-20%
			C 68	2111032B15	0.22uF 80-20%
CT D6 103	A Tana	Hitor 1/6-17/Mur Province	C 69	2384538G05	10uF 20% 15V 10uF 20% 16V
GLDOIGS	A LOW-pass P	STRAP 0.091x3.62" 2 used CLIP P.A. Filter 146-174MHz Receiver DESCRIPTION <u>CAPACITOR, fixed:</u> 30pF 5% 50V (chip) 470pF 5% 50V (chip)	C 70	2311048B06	
SYMBOL	PART NO.	DESCRIPTION	C 72	2111032B15	0.22uF 80-20%
			C 73-		
		CAPACITOR, fixed:	C 77	2111032B15	0.22uF 80-20%
C1, C2	2111031A26	30pF 5% 50V (chip)	C 78	2111032A13	0.0022uF 10% 0.22uF 80-20%
63	2111031433	470pr 5% 50V (enip)	C 80	2311048B13	10uF 20% 16V
		CONNECTOR: Female, single contact	C 81	0011031403	0.0047uF 63V
J1	0982442E01	Female, single contact	C 81 C 82		0.018uF 63V
		·	0.01		0.001uF 63V
L1	2411020404	<u>COIL, RF:</u> 5 turns green	C101 C102	2311048B13 0811051A13	10uF 20% 16V
<b>L</b> T	2411030404	J curns green	C102		0.01uF 10%
		RESISTOR, fixed:	C104		10uF 20% 16V
R1	0611024A73	10k 5% 1/8W (chip)	C105		0.01uF 10%
		·	C106	2111031A19	
	0280260106	NON-REFERENCED ITEMS: SCREW M3x0.5, 2 used	C108 C109	2111032B13 0811051A13	0.luF 80-20%
	0380289H08		C110		0.1uF 80-20%
		HOOD receptacle	C111	2302057B02	luF 20% 35V
	1503473A01	HOUSING filter	C112	0811051A07	0.1uF 63V
		CLIP coaxial terminal	C113		0.0056uF 10%
	3080116K05	CABLE coaxial	C114 C115	2111031A35	68 0.01uF 10% 50V
			C116	2311048B13	10uF 20% 16V
GLD6194	A Low-pass F	ilter 174-225MHz Receiver	C117	2111031A35	
	•		C118	2111031A35	68
SYMBOL	PART NO.	DESCRIPTION	C119	2111031A35	
		CARACTEOR Gine Is	C120	2111031A39	
C1 C2	2111031423	CAPACITOR, fixed: 22pF 5% 50V (chip)	C121 C122	2111031A10 2111031A35	5.6 0.25pF 68
C3, C1		470pF 5% 50V (chip)	C123	2111031A35	
		· · · · · · · · · · · · · · · · · · ·	C124	2111031A35	68
_ ·		CONNECTOR:	C125	2111031A35	
J1	0982442E01	Female, single contact	C126		0.01uF 10%
			C127 C151		0.01uF 10% 0.001uF 10%
L1	2411030403	<u>COIL, rf:</u> 4 turns yellow	C151 C152	2111032R09 2111031A15	
			C153		0.001uF 10%
		RESISTOR, fixed:	C154	2111032A21	0.01uF 10%
R1	0611024A73	10k 5% 1/8W (chip)	C155		0.22 20% 35V
		NON-REFERENCED ITEMS:	C156 C157	2111031 <b>A</b> 45 2111031 <b>A</b> 45	
	0380269802	SCREW M3x0.5, 2 used	C157	1. N. 1.	0.01uF 10%
	0703432A01		C159	2111031A23	

0160	2111021410	15
C160	2111031A19	
C161	2111031A36	
C201	2002473M01	
C202	2111031A08	3.9 0.25pF
C203	2111031A07	3.3 0.25pF
C204	2111031A01	
C205	2111031A13	8.2 0.25pF
C206	2111031A11	
C207	2111031A10	5.6 0.25pF
C208	2111031A11	6.8 0.25pF
C209	2111031A35	68
C210	2111031A35	68
	2111031A35	
C211		
C212	2111031A07	3.3 0.25pF
C214-		
C215	2111031A35	68
C216	2111031A11	6.8 0.25pF
C217-		010 0125P2
C219	2111021425	60
	2111031A35	68
C221	2002473M01	2.5-10 variable
C222	2111031A05	2.2 0.25pF
C223	2111031A03	1.5 0.25pF
C224	2111031A03	1.5 0.25pF
C225	2111031A01	
C226		4 7 0 25 m
	2111031A09	4.7 0.25pF
C227	2111031A01	
C228	2111031A17	12
C229	2111031A10	5.6 0.25pF
C230	2111031A11	6.8 0.25pF
C231	2111031A10	5.6 0.25pF
C232	2111031A35	
C233	2111031A35	
C234	2111031A03	1.5 0.25pF
C236-		-
C238	2111031A35	68
C239	2111031A10	
		5.0 0.25 pr
C240	2111032A21	0.01uF 10%
C241-		
C242	2111031A35	68
C243	2111032A27	0.033uF 10%
C244-		
C246	2111031A35	68
C247	2111031A05	2.2 0.25pF
C248	2384538G31	0.56uF 10% 35V
C249	2111032A09	0.001uF 10%
C250	2111031A35	68
C251	2111032A21	0.01uF 10%
C252	2311048B19	
C253	2311048B19	47uF 20% 16V
C254	2111032A21	0.luF 10%
C255	2111031A05	2.2 0.25pF
C256	2111031A01	1.0 0.25pF
C257	2111031A28	36
C258	2111031A01	••
		1.0 0.25pF
C301	2311048B05	luF 20%
C302	0811051A17	0.47uF 63V
C303		
C312	2111031A21	18
C313	2111031A35	68
0010	2111031603	69
		DTODE. (
an	10001010	DIODE: (SEE NOTE)
CR 51	4883654H01	Silicon
CR 52	4883654H01	Silicon
CR101	4883654H01	Silicon
CR102	4883654H01	Silicon
CR151	4882190H54	
		Silicon varactor
CR152	4882190H54	Silicon varactor
CR153	4884399M01	Silicon
CR154	4884399M01	Silicon
CR201	4802081B35	Silicon varactor
CR202	4802081B35	Silicon varactor
CR202	4802081833 4884616A01	
	+00+010AU1	Hot carrier
CR204-		
CR206	4802081B35	Silicon varactor
CR207	4884616A01	Hot carrier
		HELICAL FILTER:
FL1	0190091 704	
	9180081J04	2-cel1
FL2	9180081J05	3-cell
FL3	9180081J06	3-cell
		CERAMIC FILTER:
FL51	9180097D06	455 kHz 6-pole
FL52	9180098D06	455 kHz 4-pole
2 2 2 2	100030000	wjj knz 4-pole

		CONNECTOR:
J1,J2	0980168K01	
ЪЗ	0980179н01	11-pin socket
		COIL:
L 1	2411030B05	
L 2	2411030B08	4.5 turns (brown)
L 3 L 4	2482723H28	
L 4 L 5	2411030B02 2482723H28	
L 51	2480299D01	
L 52	2482835G03	2.6uH (red-blue-gold)
L 53 L 54	2482835G03	
L 55	2480000E01 2482723H35	· · · · · · · · · · · · · · · · · · ·
L101	2411030B08	
L102	2482723H28	
L151 L152	2480299 D01	
L192 L201	2482723H37 2480117K03	6.2uH (blue) Coil
L202		6.5 turns (orange)
L203-		
L206 L207	2482723H28	
L207 L208	2411030B05 2411030B08	2.5 turns (green) 4.5 turns (brown)
L209	2482723H28	
L210	2480117K03	Coil
L211	2411030B12	7.5 turns (yellow)
L212- L215	2482723H28	0.29uH (yellow)
L216	2411030B06	
L217	2482723H28	0.29uH (yellow)
L218	2411030B08	4.5 turns (brown)
		TRANSISTOR: (SEE NOTE)
Q 1	4800869990	M9990
Q2,Q51	4811043B12	FET M3B12 (alt: M9839)
Q 52	4811043B03	
Q 53 Q 54	4802081B30 4802081B30	M1B30 (alt: M1B10) M1B30 (alt: M1B10)
	4802081B30 4802081B31	M1B31 (alt: M1B11)
Q102	4800869987	M9987
	4800869987	M9987
Q104	4802081B31	
Q105 Q107	4802081B30 4811043B19	M1B30 (alt: M1B10) M3B19 (alt: M9658)
		M1B30 (alt: M1B10)
Q152	4802081B31	M1B31 (alt: M1B11)
Q201	4811043B12	FET M3B12 (alt: M9839)
Q202 Q203	4802081B31 4811043B19	M1B31 (alt: M1B11) M3B19 (alt: M9658)
Q204	4800869990	M9990
Q205	4884939C36	FET M9C36
Q206 Q207	4802081B31 4811043B19	M1B31 (alt: M1B11) M3B19 (alt: M9658)
Q208	4811043B19	M3B19 (alt: M9658) M3B19 (alt: M9658)
Q209	4802081B30	M1B30 (alt: M1B10)
Q251	4802081B30	M1B30 (alt: M1B10)
		RESISTOR: fixed 5% 1/8W
R 1	0611024A47	820
R 2	0611024A63	3.9k
R 3	0611024A19	56
R 4 R 5	0611024A27 0611024A19	120 56
R 6	0611024A27	120
R 7	0611024 <b>A</b> 43	560
R 8	0611024A93	68k
R 51 R 53	0611024A55 0611024A29	1.8k
R 54	0611024A29	150 470
R 55	0611024A49	lk
R 56	0611024B20	820k
R 57 R 58	0611024B06 0611024B02	220k 150k
R 59	1805500108	22k variable
R 60	0611024A93	
R 61	0611024A95	82k
R 62 R 63-	0611024A65	4.7k
R 65	0611024A71	8.2k
R 66	0611024A65	4.7k
R101 R102	0602438B15 0611024A25	150 0.5W 100
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	R103	0611024
	R104 R105	0611024 0611024
	R106 R107	0611024 0611024
	RÌ08	0611024
	R109 R110	0611024 0611024
	R111	0611024
	R112 R113	0611024 0611024
	R116 R117	0611024 0611024
	R118	0611024
	R119 R120	0611024 0611024
	R121 R122	0611024
	R122 R123	0611024
	R124 R125	0611024 0611024
	R126	0611024
	R127 R152	0611024
	R153	0610621
	R155 R156	0610621 0611024
	R157 R158	0611024 0611024
	R159	0611024
	R160 R161	0 <b>6</b> 11024 0611024
	R162 R201	0611024 0611024
	R202	0611024
	R203 R204	0611024 0611024
	R205	0611024
	R206 R207	0611024 0611024
	R208 R209	0611024 0611024
	R210	0611024
	R211 R212	0611024 0611024
)	R213 R214	0611024 0611024
	R215	0611024
	R216 R217	0611024 0611024
	R219	0611024 0611024
	R220 R221	0611024
	R222 R223	0611024 0611024
	R224	0611024
	R225 R226	0611024 0611024
	R227 R228	0611024 0611024
	R229	0611024
	R230 R231	0611024 0611024
	R232	0611024
	R233 R234	0611024 0611024
	R235 R238	0611024 0611024
	R239	0611024
	R240 R241	0611024 0611024
	R242 R243	0611024 0611024
	R251	0611024
	R252 R301	0611024 0611024
	R302	1805500
	R303 R304	0611024 0611024
)	R305 R306	1805500 0611024
	R307	0611024
	R308-	

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R308-R310

0611024A65 4.7k

0611024A73	10k
0611024A24	100
0611024A73	10k
0611024A01	10
0611024A77	15k
0611024A25	100
0611024A29	150
0611024A39	390
0611024A29	150
0611024A53	1.5k
0611024 <b>A</b> 67	5.6k
0611024A53	1.5k
0611024A59	2.7k
0611024A73	10k
0611024A77	15k
0611024A33	220
0611024A19	56
0611024A59	2.7k
0611024A25	100
0611024A49	1k
0611024A53	1.5k
0611024A63	3.9k
0611024A47	820
0610621E25	237k 1% 1/4W
0610621C71	6.19k 1% 1/4W
0610621C57	4.42k 1% 1/4W
0611024A97	100k
0611024A73	10k
0611024A73	10k
0611024A77	15k
0 <b>6</b> 11024A09	22
0611024A53	1.5k
0611024A49	1k
0611024A19	56
0611024A25	100
0611024A73	10k
0611024A21	68
0611024A61	3.3k
0611024A77	15k
0611024A73	10k
0611024A79	18k
	1.01
0611024A73	LOR
0611024A73	10k
0611024A57	2.2k
0611024A57	2.2k
0611024A57 0611024A35 0611024A43	2.2k 270 560
0611024A57 0611024A35 0611024A43 0611024A43	2.2k 270 560 10
0611024A57 0611024A35 0611024A43 0611024A01 0611024A21	2.2k 270 560 10 68
0611024A57 0611024A35 0611024A43 0611024A43	2.2k 270 560 10
0611024A57 0611024A35 0611024A43 0611024A41 0611024A01 0611024A21 0611024A35	2.2k 270 560 10 68 270
0611024A57 0611024A35 0611024A43 0611024A41 0611024A21 0611024A21 0611024A21	2.2k 270 560 10 68 270 68
0611024A57 0611024A35 0611024A43 0611024A01 0611024A21 0611024A21 0611024A21 0611024A21	2.2k 270 560 10 68 270 68 10
0611024A57 0611024A35 0611024A43 0611024A41 0611024A21 0611024A21 0611024A21	2.2k 270 560 10 68 270 68
0611024A57 0611024A35 0611024A43 0611024A401 0611024A21 0611024A25 0611024A21 0611024A35	2.2k 270 560 10 68 270 68 10 270
0611024A57 0611024A35 0611024A43 0611024A01 0611024A21 0611024A35 0611024A21 0611024A21 0611024A35 0611024A35	2.2k 270 560 10 68 270 68 10 270 18
0611024A57 0611024A35 0611024A43 0611024A01 0611024A21 0611024A25 0611024A21 0611024A35 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270
0611024A57 0611024A35 0611024A43 0611024A01 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A37	2.2k 270 560 10 68 270 68 10 270 18
0611024A57 0611024A35 0611024A43 0611024A01 0611024A21 0611024A25 0611024A21 0611024A35 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270
0611024A57 0611024A35 0611024A43 0611024A21 0611024A21 0611024A21 0611024A35 0611024A01 0611024A35 0611024A07 0611024A35 0611024A73	2.2k 270 560 10 68 270 68 10 270 18 270 18 270
0611024A57 0611024A35 0611024A43 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k
0611024A57 0611024A35 0611024A3 0611024A01 0611024A21 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A37 0611024A73 0611024A73 0611024A73	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 18 270 18 270 10k 10k 56
0611024A57 0611024A35 0611024A43 0611024A21 0611024A21 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A37 0611024A73 0611024A73	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k
0611024A57 0611024A35 0611024A3 0611024A01 0611024A21 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A37 0611024A73 0611024A73 0611024A73	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 18 270 18 270 10k 10k 56
0611024A57 0611024A35 0611024A43 0611024A43 0611024A21 0611024A25 0611024A25 0611024A35 0611024A35 0611024A35 0611024A37 0611024A37 0611024A73 0611024A73	2.2k 270 560 10 68 10 270 18 270 18 270 18 270 100k 10k 56 100 10k
0611024A57 0611024A35 0611024A43 0611024A43 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A23	2.2k 270 560 10 68 270 68 10 270 18 270 100k 10k 56 100 100k 56
0611024A57 0611024A35 0611024A43 0611024A43 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A25 0611024A25	2.2k 270 560 10 68 270 68 10 270 18 270 100k 10k 10k 56 100 10k 68 4.7k
0611024A57 0611024A35 0611024A43 0611024A01 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A55	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k 56 100 10k 68 4.7k 2.2k
0611024A57 0611024A35 0611024A43 0611024A43 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A25 0611024A25	2.2k 270 560 10 68 270 68 10 270 18 270 100k 10k 10k 56 100 10k 68 4.7k
0611024A57 0611024A35 0611024A43 0611024A01 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A75 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k 56 100 10k 68 4.7k 2.2k 270
0611024A57 0611024A35 0611024A33 0611024A01 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A55 0611024A55 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 18 270 18 270 10k 56 100 10k 56 100 10k 88 4.7k 2.2k 270 560
0611024A57 0611024A35 0611024A43 0611024A21 0611024A21 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A37 0611024A73 0611024A73 0611024A73 0611024A73 0611024A57 0611024A57 0611024A57 0611024A57	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k 56 100 10k 56 100 10k 68 4.7k 2.2k 270 560 68
0611024A57 0611024A35 0611024A33 0611024A01 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A55 0611024A55 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 18 270 18 270 10k 56 100 10k 56 100 10k 88 4.7k 2.2k 270 560
0611024A57 0611024A35 0611024A43 0611024A21 0611024A21 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A37 0611024A73 0611024A73 0611024A73 0611024A73 0611024A57 0611024A57 0611024A57 0611024A57	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k 56 100 10k 56 100 10k 68 4.7k 2.2k 270 560 68
0611024A57 0611024A35 0611024A43 0611024A43 0611024A21 0611024A25 0611024A35 0611024A35 0611024A35 0611024A35 0611024A37 0611024A37 0611024A73 0611024A73 0611024A73 0611024A25 0611024A57 0611024A57 0611024A35 0611024A35 0611024A35 0611024A21	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k 56 100 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 560
0611024A57 0611024A35 0611024A43 0611024A43 0611024A43 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A25 0611024A57 0611024A35 0611024A35 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 100k 10k 56 100 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 68 270
0611024A57 0611024A35 0611024A43 0611024A43 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A21 0611024A57 0611024A57 0611024A35 0611024A35 0611024A21 0611024A35 0611024A21	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 560 68 270 18
0611024A57 0611024A35 0611024A43 0611024A43 0611024A43 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A25 0611024A57 0611024A35 0611024A35 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 100k 10k 56 100 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 68 270
0611024A57 0611024A35 0611024A43 0611024A43 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A25 0611024A25 0611024A25 0611024A35 0611024A23 0611024A35 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 560 68 270 18 270
0611024A57 0611024A35 0611024A33 0611024A01 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A25 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35	2.2k 270 560 10 68 10 270 18 270 18 270 18 270 18 270 100k 10k 56 100 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 560 68 270 560 18 270
0611024A57 0611024A35 0611024A33 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A57 0611024A57 0611024A57 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35	2.2k 270 560 10 68 10 270 18 270 18 270 100k 10k 56 100 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 68 270 18 270 18 10 10 10 10 10 10 10 10 10 10 10 10 10
0611024A57 0611024A35 0611024A43 0611024A43 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A57 0611024A57 0611024A53 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35	2.2k 270 560 10 68 10 270 18 270 18 270 100k 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 68 270 68 270 18 270 18 39 39
0611024A57 0611024A35 0611024A33 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A57 0611024A57 0611024A57 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35	2.2k 270 560 10 68 10 270 18 270 18 270 100k 10k 56 100 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 68 270 18 270 18 10 10 10 10 10 10 10 10 10 10 10 10 10
0611024A57 0611024A35 0611024A43 0611024A43 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A37 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A57 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k 56 100 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 68 270 68 270 18 270
0611024A57 0611024A35 0611024A43 0611024A43 0611024A43 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A37 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A57 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 100k 10k 56 100 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 68 270 18 270 18 270 18 270 18 270 10 10 10 10 10 10 10 10 10 10 10 10 10
0611024A57 0611024A35 0611024A43 0611024A43 0611024A43 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A57 0611024A57 0611024A57 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 100k 10k 56 100 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 560 68 270 18 270 18 270 18 270 10 18 270 10 10 8 270 10 10 8 270 10 10 8 270 10 10 10 10 10 10 10 10 10 10 10 10 10
0611024A57 0611024A35 0611024A33 0611024A31 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A37 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A25 0611024A23 0611024A35	2.2k 270 560 10 68 10 270 18 270 18 270 10k 56 100 10k 56 270 560 68 270 18 270 18 270 560 68 270 18 270 18 270 560 68 270 18 270 18 270 10 8 22k 270 10 8 22k 270 10 8 22k 22k 270 10 8 22k 22k 270 10 8 22k 22k 22k 270 10 8 22k 22k 22k 22k 270 10 8 22k 22k 22k 22k 22k 22k 22k
0611024A57 0611024A35 0611024A43 0611024A43 0611024A43 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A57 0611024A57 0611024A57 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 100k 10k 56 100 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 560 68 270 18 270 18 270 18 270 10 18 270 10 10 8 270 10 10 8 270 10 10 8 270 10 10 10 10 10 10 10 10 10 10 10 10 10
0611024A57 0611024A35 0611024A33 0611024A33 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A55 0611024A55 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 270 560 68 270 560 68 270 560 68 270 560 68 270 560 68 270 18 270 10k 56 100 10k 56 270 560 68 270 18 270 18 270 10 270 560 68 270 18 270 18 270 10 8 270 18 270 18 270 10 8 270 18 270 10 8 270 18 270 10 10 10 270 10 10 10 10 10 10 10 10 10 1
0611024A57 0611024A35 0611024A35 0611024A31 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A57 0611024A57 0611024A57 0611024A57 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 270 560 68 270 560 68 270 560 68 270 18 270 10k 56 100 10k 56 270 18 270 10k 56 100 10k 56 270 18 270 10k 56 270 18 270 10k 560 68 270 18 270 18 270 10 20k 270 10k 270 18 270 10k 560 68 270 10 8 270 10 270 10 10 8 270 10 10 10 10 10 10 10 10 10 1
0611024A57 0611024A35 0611024A33 0611024A31 0611024A21 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A57 0611024A57 0611024A35	2.2k 270 560 10 68 10 270 18 270 18 270 18 270 100k 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 560 68 270 18 270 10k 39 39 270 10 8.2k 22k variable 270 10 22k variable
0611024A57 0611024A35 0611024A43 0611024A43 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A37 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A57 0611024A57 0611024A53 0611024A21 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 560 68 270 18 270 10k 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 100 10k 56 270 10k 56 100 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 56 270 10k 270 560 68 270 18 270 10 10 22k variable 10 10 10 10 10 10 10 10 10 10
0611024A57 0611024A35 0611024A33 0611024A31 0611024A21 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A57 0611024A57 0611024A35	2.2k 270 560 10 68 10 270 18 270 18 270 18 270 100k 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 560 68 270 18 270 10k 39 39 270 10 8.2k 22k variable 270 10 22k variable
0611024A57 0611024A35 0611024A43 0611024A43 0611024A21 0611024A21 0611024A35 0611024A35 0611024A35 0611024A35 0611024A35 0611024A37 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A25 0611024A57 0611024A57 0611024A53 0611024A21 0611024A35	2.2k 270 560 10 68 270 68 10 270 18 270 18 270 100k 10k 56 100 10k 68 4.7k 2.2k 270 560 68 270 560 68 270 18 270 10k 10k 68 4.7k 2.2k 270 10 8 270 18 270 100 100 100 100 100 100 100 1

		THERMI STOR:
RT151 RT152	0683600K06 0683600K06	10k 10k
RT152		
	5105/30005	INTEGRATED CIRCUIT: (SEE NOTE)
U 51 U101	5105479G05 5183548N19	
U102	5183977M45	
		ZENER DIODE: (SEE NOTE)
VR101	4882256C15	5.10 5%
		CRY STAL:
¥ 51	9180082J01	Filter (matched pair Y51A/B)
¥ 52	4805488G03	
or ¥151	4805488G04 4802443B21	
	4002445821	1
		NON-REFERENCED ITEMS:
	2680138J01	
	2680182H01 2680153101	RF shield Coil shield, 3 used
		Coil shield
(T B( 1/ 0		151-11- (630 670-) F
GLE0142	A KF Board,	25kHz (438-470MHz) 5ppm
SYMBOL	PART NO.	DESCRIPTION
	•	· · · · · · · · · · · · · · · · · · ·
		CAPACITOR, fixed: pf 5% 50V unless otherwise stated
C 1	2111031A11	6.8 0.5pF
C 2	2111031A35	-
C 3	2111031A35	
C 5 C 7	2111031A35	
C 8	2111031A09	4.7 0.25pF 10
C 9	2111031A08	
C 10		0.01uF 10%
C 12 C 51	2111032A09 2111031A31	
C 52	0611024B23	
C 54	2111031A09	4.70.25pF
C 55	2111031A10	
C 56 C 57	0611024B23 2111031A21	•
C 58	2111031A21	
C 59	2384538G05	0.10uF 20% 15V
C 60 C 61	2111031A31	47
C 62	2111031A23 2111031A31	22 47
C 63	2111031A59	680
C 64	2111031A15	10
C 65 C 66	2111032B15 2111032A21	0.22uF 80-20%
C 67	2111032A21 2111032B15	0.01uF 10% 0.22uF 80-20%
C 68	2111032B15	0.22uF 80-20%
C 69	2384538G05	10uF 20% 15V
C 70 C 71	2311048B13 2311048B06	10uF 20% 16V 2.2uF 20%
C 72-	2311040000	TITU TOW
C 77	2111032B15	0.22uF 80-20%
C 78	2111032A13	0.0022uF 10%
C 79 C 80	2111032B15 2311048B13	0.22uF 80-20% 10uF 20% 16V
C 81	0811051A05	0.0047uF 63V
C 82	0811044A34	0.018uF 63V
C 83	0811051A01	0.001uF 63V
C101 C102	2311048B13 0811051A13	10uF 20% 16V 0.luF 63V
C103	2111032A21	0.01uF 10%
C104	2311048B13	10uF 20% 16V
C105	2111032A21	0.01uF 10%
C106 C108	2111031A19 2111032B13	15 0.luF 80-20%
C109	0811051A13	0.luF 63V
C110	2111032B13	0.1uF 80-20%
C111	2302057B02	1uF 20% 35V
C112 C113	0811051A07 2111032A18	0.luF 63V 0.0056uF 10%
C114	2111031A35	68
C115	2111032A21	0.01uF 10% 50V
C116	2311048B13	10uF 20% 16V

C117 C118 C119 C120 C121 C122 C123 C124 C125 C126	2111031A35 68 2111031A35 68 2111031A35 68 2111031A39 100 2111031A10 5.6 0.25pF 2111031A35 68 2111031A35 68 2111031A35 68 2111031A35 68 2111031A35 68 2111032A21 0.01uF 10%	
C127 C151 C152 C153	2111032A21 0.01uF 10% 2111032A09 0.001uF 10% 2111031A15 10 2111032A09 0.001uF 10%	
C154 C155 C156 C157	2111032A21 0.01uF 10% 2302057B09 0.22 20% 35% 2111031A45 180 2111031A45 180	7
C158 C159 C160 C161	2111032A21 0.01uF 10% 2111031A23 22 2111031A19 15 2111031A36 75	
C201 C202 C203 C204	2002473M01 2.5-10 varia 2111031A13 8.2 0.25pF 2111031A07 3.3 0.25pF 2111031A01 1.0 0.25pF	able
C205 C206 C207 C208 C209	2111031A15 10 2111031A11 6.8 0.25pF 2111031A10 5.6 0.25pF 2111031A07 3.3 0.25pF	
C210 C211 C212 C213	2111031A35 68 2111031A35 68 2111031A35 68 2111031A35 68 2111031A01 1.0 0.25pF 2111031A01 1.0 0.25pF	
C214 C215 C216 C217	2111031A35 68 2111031A35 68 2111031A11 6.8 0.25pF 2111031A35 68	
C218 C219 C221 C222	2111031A35 68 2111031A35 68 2002473M01 2.5-10 varia 2111031A10 5.6 0.25pF	ble
C223 C224 C225 C226	2111031A03 1.5 0.25pF 2111031A05 2.2 0.25pF 2111031A01 1.0 0.25pF 2111031A09 4.7 0.25pF	
C227 C228 C229 C230	2111031A01 1.0 0.25pF 2111031A17 12 2111031A09 4.7 0.25pF 2111031A10 5.6 0.25pF	
C231 C232 C233 C234 C235	2111031A08 3.9 0.25pF 2111031A35 68 2111031A35 68 2111031A35 68 2111031A01 1.0 0.25pF 2111031A03 1.5 0.25pF	
C235 C236 C237 C238 C239	2111031A03 1.5 0.25pF 2111031A35 68 2111031A35 68 2111031A35 68 2111031A35 68 2111031A08 3.9 0.25pF	·
C240 C241 C242 C243	2111032A21 0.01uF 10% 2111031A35 68 2111031A35 68 2111032A27 0.033uF 10%	
C244 C245 C246 C247	2111031A35 68 2111031A35 68 2111031A35 68 2111031A35 68 2111031A05 2.2 0.25pF	
C248 C249 C250 C251	2384538G31 0.56uF 10% 35 2111032A09 0.001uF 10% 2111031A35 68 2111032A21 0.01uF 10%	v
C252 C253 C254 C255 C255	2311048B19 47uF 20% 16V 2311048B19 47uF 20% 16V 2111032A21 0.1uF 10% 2111031A05 2.2 0.25pF 2111031A01 1.0 0.5cp	
C256 C257 C258 C301 C302	2111031A01 1.0 0.25pF 2111031A28 36 2111031A01 1.0 0.25pF 2311048B05 1uF 20% 0811051A17 0.47uF 63V	
C303- C312 C313 6-26	2111031A21 18 2111031A35 68	

án ra		DIODE: (SEE NOTE)
CR 51 CR 52		
CR101		
CR1Ø2	4883654H01	Silicon
CR151	4882190H54	
CR152 CR153		
CR155		
CR201	4802081B35	Silicon varactor
CR202	4802081B35	Silicon varactor Silicon varactor
CR203	4884616A01	Hot carrier
CR204 CR206		Silicon varactor
CR207		
		HELICAL FILTER:
FL1	9180081J01	
FL2 FL3	9180081J02 9180081J03	
	7100001303	J-Cell
		CERAMIC FILTER:
	9180097D06	455 kHz 6-pole
FL52	9180098D06	455 kHz 4-pole
		CONNECTOR:
J1,J2	0980168K01	Coaxial
J 3	0980179H01	11-pin socket
		-
L 1	2611030P05	COIL:
L 2	2411030B05 2411030B07	
L 3	2482723H28	
L 4	2411030B01	1.5 turns (brown)
L 5	2482723H28	0.29uH (yellow)
L 51 L 52	2480299D01	17.75 turns (orange)
L 53	2482835G03 2482835G03	line of Bord,
L 54	2480000E01	Quad det with capacitor
L 55	2482723H35	23uH (red)'
L101	2411030B08	
L102	2482723H28	
L151 L152	2480299D01 2482723H37	17.75 turns (orange) 6.2uH (blue)
L201	2480117K02	Coil
L202	2411030B10	
L203-		
L206	2482723H28	
L207 L208	2411030B05 2411030B08	2.5 turns (green)
L209	2482723H28	4.5 turns (brown) 0.29uH (yellow)
L210	2480117K02	Coil
L211	2411030B12	7.5 turns (yellow)
L212-		-
L215 L216	2482723H28 2411030B05	0.29uH (yellow) 2.5 turns
L217	2482723H28	0.29uH (yellow)
L218	2411030B08	4.5 turns (brown)
Q 1	4800869990	TRANSISTOR: (SEE NOTE)
Q 2	4800869990 4811043B12	M9990 FET M3B12 (alt: M9839)
Q 51	4811043B12	FET M3B12 (alt: M9839)
Q 52	4811043B03	M3BO3 (alt: M9571)
Q 53	4802081B30	M1B30 (alt: M1B10)
Q 54 Q101	4802081B30 4802081B31	M1B30 (alt: M1B10)
Q102	4800869987	M1B31 (alt: M1B11) M9987
Q103	4800869987	M9987
Q104	4802081B31	M1B31 (alt: M1B11)
Q105	4802081B30	M1B30 (alt: M1B10)
Q107 Q151	4811043B19 4802081B30	M3B19 (alt: M9658) M1B30 (alt: M1B10)
Q152	4802081B30	M1B30 (alt: M1B10) M1B31 (alt: M1B11)
Q201	4811043B12	FET M3B12 (alt: M9839)
Q202	4802081B31	M1B31 (alt: M1B11)
Q203		M3B19 (alt: M9658)
Q204 Q205		M9990 Fet M9C36
Q205 Q206		M1B31 (alt: M1B11)
Q207	4811043B19	M3B19 (alt: M9658)
Q208		M3B19 (alt: M9658)
Q209 Q251		M1B30 (alt: M1B10) M1B30 (alt: M1B10)
4271	-002001D3U	M1B30 (alt: M1B10)

		RESISTOR: fixed 5% 1/8W
R 1	0611024 <b>A</b> 47	820
R 2	0611024A63	3.9k
R 3 R 4	0611024A19 0611024A27	56 120
R 5	0611024A19	56
R 6	0611024A27	120
R 7 R 8	0611024A43 0611024A93	560 68k
R 51	0611024A55	1.8k
R 53	0611024A29	150
R 54 R 55	0611024A41 0611024A49	470 1k
R 56	0611024B20	820k
R 57	0611024B06	220k
R 58 R 59	0611024B02 1805500L08	150k 22k variable
R 60	0611024A93	68k
R 61	0611024A95	82k
R 62 R 63-	0611024A65	4.7k
R 65	0611024A71	8.2k
R 66	0611024A65	4.7k
R101 R102	0602438B15 0611024A25	150 0.5W 100
R103	0611024A73	10k
R104	0611024A24	100
R105 R106	0611024A73 0611024A01	10k 10
R107	0611024A77	15k
R108	0611024A25	100
R109 R110	0611024A29 0611024A39	150 390
R111	0611024A29	150
R112	0611024A53	1.5k
R113 R116	0611024A67 0611024A53	5.6k 1.5k
R117	0611024A59	2.7k
R118	0611024A73	10k
R119 R120	0611024A77 0611024A33	15k 220
R121	0611024A19	56
R122	0611024A59	2.7k
R123 R124	0611024A25 0611024A49	100 1k
R125	0611024A53	1.5k
R126	0611024A63	3.9k
R127 R152	0611024A47 0610621E25	820 237k 1% 1/4W
R153	0610621C71	6.19k 1% 1/4W
R155 R156	0610621C57 0611024A97	4.42k 1% 1/4W
R150 R157	0611024A97 0611024A73	100k 10k
R158	0611024A73	10k
R159 R160	0611024A77	15k
R160	0611024A09 0611024A53	22 1.5k
R162	0611024A49	1k
R201	0611024A19	56
R202 R203	0611024A25 0611024A73	100 10k
R204	0611024 <u>A</u> 21	68
R205 R206	0611024A61 0611024A77	3.3k 15k
R208 R207	0611024A77 0611024A73	10k
R208	0611024A79	18k
R209 R210	0611024A73 0611024A57	10k 2.2k
R210	0611024A35	270
R212	0611024A43	560
R213 R214	0611024A01 0611024A21	10 68
R214 R215	0611024A21	270
R216	0611024A21	68
R217 R219	0611024A01 0611024A35	10 270
R220	0611024A07	18
R221	0611024A35	270
R222 R223	0611024A97 0611024A73	100k 10k
R224	0611024A73	10k
R225	0611024A19	56
R226 R227	0611024 <u>A2</u> 5 0611024A73	100 10k
	3971074W13	

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	R228	0611024A21	68
	R229	0611024A65	4.7k
	R230 '	0611024A57	
	R231	0611024A35	
	R232 R233	0611024A43 0611024A21	
	R234	0611024A21	
	R235	0611024A21	
	R239	0611024B23	
	R241	0611024 <b>A49</b>	
	R242	0611024A15	39
	R243	0611024A15	
	R251 R252	0611024A35	
	R301	0611024A01 0611024A85	
	R302	1805500108	
	R303	0611024A45	
	R304	0611024A01	10
	R305	1805500L08	
	R306	0611024A01	
	R307 R308-	0611024A55	1.8k
	R310	0611024A65	4 . 7k
		0000000	
			THERMI STOR:
	RT151	0683600K06	10k
	RT152	0683600KD6	10k
	RT153	0683600K05	100k
	U 51	5105479G05	INTEGRATED CIRCUIT: (SEE NOTE) Linear receiver system
	U101	5183548N19	
	U102	5183977M45	Prescaler
			ZENER DIODE: (SEE NOTE)
	VR101	4882256C15	5.10 5%
			CDV STAT .
	¥ 51	9180082J01	<u>CRYSTAL:</u> Filter (matched pair Y51A/B)
	Y 52	4805488G03	
	or	4805488G04	21.855MHz   originally supplied
	¥151	4802443B21	14.4MHź
		0/00100-01	NON-REFERENCED ITEMS:
		2680138J01 2680182801	Shield
		2680182H01	Shield RF shield
			Shield RF shield Coil shield, 3 used
		2680182H01 2680153J01	Shield RF shield Coil shield, 3 used
	<i></i>	2680182H01 2680153J01 2680210K01	Shield RF shield Coil shield, 3 used Coil shield
	GLE6144	2680182H01 2680153J01 2680210K01	Shield RF shield Coil shield, 3 used Coil shield 25kHz
	<b>GLE6144</b> ( <b>Tx</b> : 43	2680182H01 2680153J01 2680210K01	Shield RF shield Coil shield, 3 used Coil shield
• •	(Tx: 43	2680182H01 2680153J01 2680210K01	Shield RF shield Coil shield, 3 used Coil shield 25kHz
	(Tx: 43	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx	Shield RF shield Coil shield, 3 used Coil shield 25kHz :: 420-433MHz) 5ppm DESCRIPTION
	(Tx: 43	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx	Shield RF shield Coil shield, 3 used Coil shield 25kHz :: 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V
	(Tx: 43 SYMBOL	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO.	Shield RF shield Coil shield, 3 used Coil shield 25kHz :: 420-433MHz) 5ppm DESCRIPTION <u>CAPACITOR, fixed:</u> pf 5% 50V unless otherwise stated
	(Tx: 43 SYMBOL C 1	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13	Shield RF shield Coil shield, 3 used Coil shield 25kHz :: 420-433MHz) 5ppm DESCRIPTION <u>CAPACITOR, fixed:</u> pf 5% 50V unless otherwise stated 8.2 0.25pF
• •	(Tx: 43 SYMBOL C 1 C 2	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35	Shield RF shield Coil shield, 3 used Coil shield 25kHz :: 420-433MHz) 5ppm DESCRIPTION <u>CAPACITOR, fixed:</u> pf 5% 50V unless otherwise stated 8.2 0.25pF 68
•	(Tx: 43 SYMBOL C 1 C 2 C 3	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13	Shield RF shield Coil shield, 3 used Coil shield 25kHz :: 420-433MHz) 5ppm DESCRIPTION <u>CAPACITOR, fixed:</u> pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A35	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION <u>CAPACITOR, fixed:</u> pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 4.7
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A09 2111031A08	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION <u>CAPACITOR, fixed:</u> pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 4.7 3.9 0.25pF
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A09 2111031A08 2111032A21	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION <u>CAPACITOR, fixed:</u> pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 4.7 3.9 0.25pF 0.01uF 10%
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A09 2111031A08 2111032A09	Shield RF shield Coil shield, 3 used Coil shield 25kHz :: 420-433MHz) 5ppm DESCRIPTION <u>CAPACITOR, fixed:</u> pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10%
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A09 2111031A08 2111032A21 2111032A09 2111031A31	Shield RF shield Coil shield, 3 used Coil shield 25kHz :: 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 47
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A09 2111031A08 2111032A29 2111031A31 0611024B23	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 47 Jumper
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A09 2111032A09 2111032A09 2111031A31 0611024B23 2111031A09	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 4.7 0.25pF
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 56	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A09 2111031A09 2111031A31 0611024B23 2111031A10 0611024B23	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 0.001uF 10% 4.7 0.25pF 6.8 0.25pF 6.8 0.25pF Jumper
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 55 C 55 C 55 C 55 C 55 C 57	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A35 2111031A09 2111031A09 2111031A31 0611024B23 2111031A10 0611024B23 2111031A21	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% Jumper 4.7 0.25pF 6.8 0.25pF Jumper 0.01uF 10%
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 55 C 55 C 55 C 55 C 55 C 55	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A35 2111031A09 2111031A09 2111031A09 2111031A10 0611024B23 2111031A10 0611024B23 2111031A21	Shield RF shield Coil shield, 3 used Coil shield 25kHz :: 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% Jumper 4.7 0.25pF 6.8 0.25pF Jumper 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10%
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 56 C 57 C 58 C 59	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A09 2111031A09 2111031A09 2111031A09 2111031A09 2111031A09 2111031A10 0611024B23 2111031A121 2111031A21 2111031A21 2384538G05	Shield RF shield Coil shield, 3 used Coil shield 25kHz :: 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% Jumper 4.7 0.25pF 6.8 0.25pF Jumper 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.10uF 20% 15V
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 56 C 57 C 58 C 59 C 59 C 60	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A09 2111032A21 2111032A21 2111031A31 0611024B23 2111031A21 2111031A21 2111031A21 2111031A21 2384538G05 2111031A31	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 0.001uF 10% Jumper 4.7 0.25pF 6.8 0.25pF 6.8 0.25pF 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 20% 15V 47
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 56 C 57 C 58 C 59 C 60 C 61	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A35 2111031A35 2111031A31 0611024B23 2111031A31 0611024B23 2111031A21 2111031A21 2111031A21 2111031A21 2111031A21 2111031A23	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 0.001uF 10% 0.01uF 1
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 56 C 57 C 58 C 59 C 59 C 60	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A35 2111031A09 2111031A09 2111031A31 0611024B23 2111031A31 0611024B23 2111031A10 0611024B23 2111031A21 2384538G05 2111031A21 2384538G5 2111031A31 2111031A23 2111031A31 2111031A31	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 4.7 0.25pF 5.8 0.25pF Jumper 4.7 0.25pF 5.8 0.25pF Jumper 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.10uF 20% 15V 47 22 47 680
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 55 C 56 C 57 C 58 C 59 C 60 C 61 C 62 C 63 C 64	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A35 2111031A09 2111031A09 2111031A31 0611024B23 2111031A31 0611024B23 2111031A10 0611024B23 2111031A21 2384538G05 2111031A21 2384538G5 2111031A31 2111031A23 2111031A31 2111031A31 2111031A59 2111031A15	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 4.7 0.25pF 5.8 0.25pF Jumper 4.7 0.25pF 5.8 0.25pF Jumper 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 20% 15V 47 22 47 680 10
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 56 C 57 C 58 C 59 C 60 C 61 C 62 C 63 C 64 C 65	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A35 2111031A09 2111031A09 2111031A09 2111031A09 2111031A09 2111031A09 2111031A10 0611024B23 2111031A10 0611024B23 2111031A21 2111031A21 2111031A21 2111031A21 2111031A31 2111031A31 2111031A31 2111031A35 2111031A15 2111032B15	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 0.001uF 10% 0.001uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.10uF 20% 15V 47 22 47 680 10 0.22uF 80-20%
· ·	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 56 C 57 C 58 C 57 C 58 C 59 C 60 C 61 C 62 C 63 C 65 C 66 C 65 C 66	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A09 2111031A09 2111031A09 2111031A09 2111031A10 0611024B23 2111031A31 0611024B23 2111031A21 2384538G05 2111031A21 2384538G05 2111031A31 2111031A59 2111031A15 2111031A15 2111032A21	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 0.001uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.10uF 20% 15V 47 22 47 680 10 0.22uF 80-20% 0.01uF 10%
· ·	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 56 C 57 C 58 C 57 C 58 C 59 C 60 C 61 C 62 C 63 C 64 C 65 C 66 C 67	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A35 2111031A39 2111031A31 0611024B23 2111031A31 0611024B23 2111031A31 0611024B23 2111031A21 2384538G05 2111031A21 2384538G05 2111031A31 2111031A31 2111031A31 2111031A31 2111031A31 2111031A59 2111032B15	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 0.001uF 10% 0.01uF 10% 0.02uF 80-20% 0.01uF 10% 0.02uF 80-20%
· ·	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 56 C 57 C 58 C 57 C 58 C 59 C 60 C 61 C 62 C 63 C 65 C 66 C 65 C 66	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A35 2111031A39 2111031A31 0611024B23 2111031A31 0611024B23 2111031A31 0611024B23 2111031A31 2111031A21 2384538G05 2111031A31 2111031A31 2111031A31 2111031A31 2111031A59 2111032B15 2111032B15 2111032B15	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 0.001uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.01uF 10% 0.02uF 80-20% 0.22uF 80-20% 0.22uF 80-20%
•	(Tx: 43 SYMBOL C 1 C 2 C 3 C 5 C 8 C 9 C 10 C 12 C 51 C 52 C 54 C 55 C 56 C 57 C 58 C 59 C 60 C 61 C 62 C 63 C 64 C 65 C 66 C 67 C 68	2680182H01 2680153J01 2680210K01 A RF Board, 8-450MHz; Rx PART NO. 2111031A13 2111031A35 2111031A35 2111031A35 2111031A35 2111031A09 2111031A09 2111031A09 2111031A31 2111031A21 2111031A21 2384538G05 2111031A31 2111031A31 2111031A59 2111031A59 2111031A59 2111032B15 2111032B15 21384538G05	Shield RF shield Coil shield, 3 used Coil shield 25kHz : 420-433MHz) 5ppm DESCRIPTION CAPACITOR, fixed: pf 5% 50V unless otherwise stated 8.2 0.25pF 68 68 68 68 68 4.7 3.9 0.25pF 0.01uF 10% 0.001uF 10% 0.001uF 10% 0.01uF 10% 0.02uF 80-20% 0.01uF 10% 0.02uF 80-20%

C 71	2311048B06	2.2uF 20%
C 72	2111032B15	
C 73	2111032B15	
C 74	2111032B15	0.22uF 80-20%
C 75	2111032A13	0.22uF 80-20%
C 76	2111032B15	0.22uF 80-20%
C 77	2111032B15	0.22uF 80-20%
C 78	2111032A13	0.0022uF 10%
C 79	2111032B15	0.22uF 80-20%
C 80	2311048B13	10uF 20% 16V
C 81	0811051A05	0.0047uF 63V
C 82	0811044A34	0.018uF 63V
C 83	0811051A01	0.001uF 63V
C101	2311048B13	10uF 20% 16V
C102	0811051A13	0.1uF 63V
C103	2111032A21	0.01uF 10%
C104	2311048B13	10uF 20% 16V
C105	2111032A21	0.01uF 10%
C106	2111031A19	15
C108	2111032B13	0.luF 80-20%
C109	0811051A13	0.1uF 63V
C110	2111032B13	0.1uF 80-20%
C111	2302057B02	luF 20% 35V
C112	0811051A07	0.1uF 63V
C113	2111032A18	0.0056uF 10%
C114	2111031A35	68
C115	2111031A55	
C116	2311048B13	0.01uF 10% 50V 10uF 20% 16V
C117	2111031A35	
C118	2111031A35	68
C119	2111031A35	68
C120		68
C120	2111031A39	
C122	2111031A10	5.6 0.25pF
C122	2111031A35	68
	2111031A35	68
C124	2111031A35	68
C125	2111031A35	68
C126	2111032A21	0.01uF 10%
C127	2111032A21	0.01uF 10%
C151	2111032A09	0.001uF 10%
C152	2111031A15	10
C153	2111032A09	0.001uF 10%
C154	2111032A21	0.01uF 10%
C155	2302057B09	0.22 20% 35V
C156	2111031A45	180
C157	2111031A45	180
C158	2111032A21	0.01uF 10%
C159	2111031A23	22
C160	2111031A19	15
C161	2111031A36	75
C201	2002473M01	2.5-10 variable
C202	2111031A08	3.9 0.25pF
C203	2111031A07	3.3 0.25pF
C204	2111031A01	1.0 0.25pF
C205	2111031A13	8.2 0.25pF
C206	2111031A11	6.8 0.25pF
C207	2111031A10	5.6 0.25pF
C208	2111031A11	6.8 0.25pF
C209	2111031 <b>A</b> 35	68
C210	2111031A35	68
C211	2111031A35	68
C212	2111031A01	3.3 0.25pF
C214-		
C215	2111031A35	68
C216	2111031A11	6.8 0.25pF
C217-		
C219	2111031A35	68
C221	2002473M01	2.5-10, variable
C222	2111031A10	5.6 0.25pF
C223	2111031A03	1.5 0.25pF
C224	2111031A05	2.2 0.25pF
C225	2111031A01	1.0 0.25pF
C226	2111031A09	4.7 0.25pF
C227	2111031A01	1.0 0.25pF
C228	2111031A17	12
C229	2111031A09	4.7 0.25pF
C230	2111031A10	5.6 0.25pF
C231	2111031A08	3.9 0.25pF
C232	2111031A35	68
C233	2111031A35	68
C234	2111031A01	1.0 0.25pF
C235	2111031A03	1.5 0.25pF
C236-		
C238	2111031A35	68
6~28		
- 20		

0000		
C239 C240	2111031A08 2111032A21	
C240		0.010F 102
C242	2111031A35	68
C243	2111032A27	
C244-		
C246	2111031A35	
C247		
C248 C249	2384538G31 2111032A09	
C250	2111032A09 2111031A35	
C251	2111031A55	0.01uF 10%
C252	2311048B19	
C253	2311048B19	4711F 207 16V
C254	2111032A21	0.1uF 10%
C255	2111031A05	2.2 0.25pF
C256	2111031A01	
C257	2111031A28	
C258 C301	2111031A01	
C301	2311048B05 0811051A17	1uF 20% 0.47uF 63V
C303-	USIIUSIAI/	0.4/01 030
C312	2111031A21	18
C313	2111031A35	
		DIODE: (SEE NOTE)
	4883654H01	Silicon
CR 52		
CR101		Silicon
CR102	4883654H01	Silicon Silicon varactor
CR151	4882190H54	Silicon varactor
CR152 CR153		Silicon varactor
CR153 CR154		
CR201	4004399501	Silicon Silicon varactor
	4802081B35	Silicon varactor
CR203	4884616401	Silicon varactor Hot carrier
CR204-		not carrier
		Silicon varactor
CR207	4884616A01	
		HELICAL FILTER:
FL1	9180081J04	
FL2	9180081J05	
FL3	9180081J06	3-cell
PT 51	010007006	CERAMIC FILTER:
FL51 FL52	9180097D06 9180098D06	455 kHz, 6-pole
FUJZ	3100030100	455 kHz, 4-pole
		CONNECTOR:
J 1	0980168K01	Coaxial
J 2	0980168K01	Coaxial
J 3	0980179H01	11-pin socket
		-
		COIL:
L 1	2411030B05	2.5 turns (green)
L 2	2411030B08	4.5 turns (brown)
L 3	2482723H28	0.29uH (yellow)
L 4 L 5	2411030B02	1.5 turns(red)
L 51	2482723H28 2480299D01	0.29uH (yellow)
L 51 L 52	2480299D01 2482835G03	17.75 turns (orange) 2.6uH (red-blue-gold)
L 53	2482835G03	2.6uH (red-blue-gold) 2.6uH (red-blue-gold)
L 54	2480000E01	Quad det with capacitor
L 55	2482723H35	23uH (red)
L101	2411030B08	4.5 turns (brown)
L102	2482723H28	0.29uH (yellow)
L151	2480299D01	17.75 turns (orange)
L152	2482723H37	6.2uH (blue)
L201	2480117K03	Coil
L202	2411030B11	6.5 turns (orange)
L203-	9/89799900	0.0011 (
L206	2482723H28	0.29uH (yellow)
L207 L208	2411030B05 2411030B08	2.5 turns (green)
L208 L209	2411030B08 2482723H28	4.5 turns (brown)
		0.29uH (yellow)
L210		Coil
L210 L211	2480117K02	Coil 7.5 turns (vellow)
		Coil 7.5 turns (yellow)
L211	2480117K02 2411030B12	7.5 turns (yellow)
L211 L212-	2480117K02	
L211 L212- L215 L216 L217	2480117K02 2411030B12 2482723H28 2411030B05 2482723H28	7.5 turns (yellow) 0.29uH (yellow) 2.5 turns 0.29uH (yellow)
L211 L212- L215 L216	2480117K02 2411030B12 2482723H28 2411030B05	7.5 turns (yellow) 0.29uH (yellow) 2.5 turns
L211 L212- L215 L216 L217	2480117K02 2411030B12 2482723H28 2411030B05 2482723H28	7.5 turns (yellow) 0.29uH (yellow) 2.5 turns 0.29uH (yellow)

Q 1	4800869990	TRANSISTOR: (SEE NOTE) M9990
Q 2	4811043B12	FET M3B12 (alt: M9839)
Q 51	4811043B12	FET M3B12 (alt: M9839)
Q 52	4811043B03	M3BO3 (alt: M9571) M1B30 (alt: M1B10)
Q 53 Q 54	4802081B30 4802081B30	M1B30 (alt: M1B10) M1B30 (alt: M1B10)
Q101	4802081B31	M1B31 (alt: M1B11)
Q102	4800869987	M9987
Q103 Q104	4800869987 4802081B31	M9987 M1B31 (alt: M1B11)
Q104 Q105	4802081B31 4802081B30	M1B30 (alt: M1B10)
Q107	4811043B19	M3B19 (alt: M9658)
Q151	4802081B30	M1B30 (alt: M1B10)
Q152 Q201	4802081B31 4811043B12	M1B31 (alt: M1B11) FET M3B12 (alt: M9839)
Q202	4802081B31	M1B31 (alt: M1B11)
Q203	4811043B19	M3B19 (alt: M9658)
Q204 Q205	4800869990 4884939C36	M9990 Fet M9C36
Q205 Q206	4802081B31	M1B31 (alt: M1B11)
Q207	4811043B19	M3B19 (alt: M9658)
Q208	4811043B19	M3B19 (alt: M9658)
Q209 Q251	4802081B30 4802081B30	M1B30 (alt: M1B10) M1B30 (alt: M1B10)
Q2J1	4002001050	MIDJO (alt. MIDIO)
		RESISTOR: fixed 5% 1/8W
R 1	0611024A47	820
R 2 R 3	0611024A63 0611024A19	3.9k 56
R 4	0611024A27	120
R 5	0611024A19	56
R 6 R 7	0611024A27	120
к / R 8	0611024A43 0611024A93	560 68k
R 51	0611024A55	1.8k
R 53	0611024A29	150
R 54 R 55	0611024A41 0611024A49	470 1k
R 56	0611024 B20	820k
R 57	0611024B06	220k
R 58	0611024B02	150k
R 59 R 60	1805500L08 0611024A93	22k variable 68k
R 61	0611024A95	82k
R 62	0611024A65	4.7k
R 63 R 64	0611024A71 0611024A71	8.2k
R 65	0611024A71 0611024A71	8.2k 8.2k
R 66	0611024A65	4.7k
R101	0602438B15	150 0.5W
R102 R103	0611024A25 0611024A73	100 10k
R104	0611024A24	100
R105	0611024A73	10k
R106	0611024A01	10
R107 R108	0611024A77 0611024A25	15k . 100
R109	0611024A29	150
R110	0611024A39	390
R111 R112	0611024A29 0611024A53	150 1.5k
R112 R113	0611024A55 0611024A67	5.6k
R116	0611024A53	1.5k
R117	0611024A59	2.7k
R118 R119	0611024A73 0611024A77	10k 15k
R120	0611024A77	220
R121	0611024A19	56
R122 R123	0611024A59	2.7k
R123 R124	0611024A25 0611024A49	100 1k
R125	0611024A53	1.5k
R126	0611024A63	3.9k
R127 R152	0611024A47	820
R152 R153	0610621E25 0610621C71	237k 1% 1/4W 6.19k 1% 1/4W
R155	0610621C57	4.42k 1% 1/4W
R156	0611024A97	100k
R157 R158	0611024A73 0611024A73	10k 10k
R158 R159	0611024A73 0611024A77	15k
R160	0611024A09	22
R161	0611024A53	1.5k

R162	0611024A49	1k
R201	0611024A19	56
R202 R203	0611024A25	100
R203	0611024A73 0611024A21	10k 68
R205	0611024A61	3.3k
R206	0611024A77	15k
R207	0611024A73	10k
R208	0611024A79	18k
R209	0611024A73	10k
R210 R211	0611024A57 0611024A35	2.2k 270
R211 R212	0611024A33	560
R213	0611024A01	10
R214	0611024A21	68
R215	0611024A35	270
R216	0611024A21	68
R217	0611024A01	10
R219	0611024A35	270
R220 R221	0611024A07 0611024A35	18 270
R222	0611024A97	100k
R223	0611024A73	10k
R224	0611024A73	10k
R225	0611024A19	56
R226	0611024A25	100
R227	0611024A73	10k
R228 R229	0611024A21 0611024A65	68 4.7k
R230	0611024A57	2.2k
R231	0611024A35	270
R232	0611024A43	560
R233	0611024A21	68
R234	0611024A35	270
R235	0611024A21	68
R239 R241	0611024B23 0611024A49	Jumper
R241 R242	0611024A49	1k 39
R243	0611024A15	39
R251	0611024A35	270
R252	0611024A01	10 ,
R301	0611024A85	33k
R302	1805500108	22k variable
R303	0611024A41	470
R304 R305	0611024A01 1805500L08	10 22k variable
R306	0611024A01	10
R307	0611024A55	1.8k
R308	0611024A65	4.7k
R309	0611024A65	
R310	0611024A65	4.7k
		THERMI STOR :
RT151	0683600K06	10k
RT152	0683600K06	10k
RT153	0683600K05	100k
U 51	5105/ B0005	INTEGRATED CIRCUIT: (SEE NOTE)
U101	5105479G05 5183548N19	Nucleus Divider
U102	5183977M45	
		ZENER DIODE: (SEE NOTE)
VR101	4882256C15	5.1V 5%
¥ 51	9180082J01	<u>CRYSTAL:</u> Filter (matched pair Y51A/B)
Y 52	4805488G03	
or	4805488G04	21.855MHz   originally supplied
¥151	4802443B21	14.4MHz
		NON-REFERENCED ITEMS:
	2680138J01	Shield PF shield
	2680182H01 2680153J01	RF shield Coil shield, 3 used
	2680133301 2680210K01	
		NOTE
	For optimum r	performance, diodes, transis-
	tors, integr	ated circuits and crystals
	must be order	ed by Motorola part numbers.

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SYMBOL	PART NO.	DESCRIPTION	C2 C2
		CAPACITOR, fixed: pF 5% 50V	C2 C2
		unless otherwise stated	C2
C 1	2111031A11	6.8 0.25pF	C2
C 2	2111031A35	68	. C2
C 3	2111031A35	68	C2
C 5 C 7	2111031A35 2111031A09	68 4 7 0 25-F	C2 C2
C 8	2111031A15	•	C2
Č 9	2111031A08		C2
C 10	2111032A21	0.01uF 10%	C2
C 12	2111032A09	6	C2
C 51	2111031A31		C2
C 52 C 54	0611024B23	Jumper 4.7 0.25pF	. C2 C2
C 55	2111031A10		C2
C 56	0611024B23	-	C2
C 57	2111031A21	0.01uF 10%	C2
C 58		0.01uF 10%	C2
C 59	2384538G05		C2
C 60 C 61	2111031A31 2111031A23		C2 C2
C 62	2111031A31		C2
C 63	2111031A59		C2
C 64	2111031A15	10	C2
C 65	2111032B15		C2
C 66		0.01uF 10%	C2
C 67 C 68		0.22uF +80-20% 0.22uF +80-20%	C2 C2
C 69		10uF 20% 15V	C2
C 70	2311048B13	10uF 20% 16V	C2
C 71	2311048B06		C2
C 72-			C2
C 77		0.22uF +80-20%	C2
C 78		0.0022uF 10% 0.22uF +80-20%	C2
C 79 C 80	2111032B15 2311048B13	10.224F + 30 - 20% 10uF 20% 16V	C2 C2
C 81		0.0047uF 63V	C2
C 82		0.018uF 63V	C2
C 83		0.001uF 63V	C2
C101		10uF 20% 16V	C2
C102	0811051A13		C2
C103 C104		0.01uf 10% 10uf 20% 16V	C2 C2
C105		0.01uF 10%	CS
C106	2111031A19	15	C3
C108	2111032B13		C
C109	0811051A13	0.1uF 63V	C
C110	2111032B13		CS
C111 C112	2302057B02 0811051A07	luF 20% 35V 0.luF 63V	
C112 C113	2111032A18	0.0056uF 10%	CI
c114	2111031A35	68	CI
C115	2111032A21	0.01uF 10% 50V	CI
C116	2311048B13	10uF 20% 16V	CI
C117-	0111001405	60	CI
C119 C120	2111031A35 2111031A39	68 100	CI
C120 C121	2111031A39	5.6 0.25pF	CI
C122-		<b>-</b>	CI
C125	2111031A35	68	CI
C126	2111032A21		CI
C127	2111032A21		CI
C151	2111032A09	0.001uF 10%	CI
C152 C153	2111031A15 2111032A09	10 0.001uF 10%	CI CI
C155	2111032A09	0.01uF 10%	
C155	2302057B09	0.22 20% 35V	
C156	2111031#45	180	FI
C157	2111031#45	180	Fl
C158	2111032A21	0.01uF 10%	Fl
C159	2111031A23	22	
C160 C161	2111031A19 2111031A36	15 75	Fl
C201	2002473M01		FI
C201	2111031A13		
	2111031A07	3.3 0.25pF	
C203 C204	2111031A01	1.0 0.25pF	J
C203 C204 C205 C206			J J

C207	2111031A10	5.6 0.25pF
C208	2111031A07	3.3 0.25pF
C209 C2/10	2111031A35 2111031A35	68 68
c211	2111031A35	68
C212	2111031A01	1.0 0.25pF
C213	2111031A01	1.0 0.25pF 68
C214 C215	2111031A35 2111031A35	68
C216	2111031A11	6.8 0.25pF
C217	2111031A35	68
C218 C219	2111031A35 2111031A35	68 68
C221	2002473M01	2.5-10 variable
C222	2111031A05	2.2 0.25pF
C223 C224	2111031A03 2111031A03	1.5 0.25pF 1.5 0.25pF
C225	2111031A01	1.0 0.25pF
C226	2111031A09	4.7 0.25pF
C227	2111031A01	1.0 0.25pF
C228 C229	2111031A17 2111031A10	12 5.6 0.25pF
C230	2111031A05	2.2 0.25pF
C231	2111031A10	5.6 0.25pF
C232	2111031A35 2111031A35	68
C233 C234	2111031A33	68 1.5 0.25pF
C236-		-
C238	2111031A35	68
C239 C240	2111Q31A10 2111032A21	5.6 0.25pF 0.01uF 10%
C240-	2111052821	0.014F 10%
C242	2111031A35	68
C243	2111032A27	0.033uF 10%
C244- C246	2111031A35	68
C247	2111031A05	2.2 0.25pF
C248	2384538G31	0.56uF 10% 35V
C249 C250	2111032A09 2111031A35	0.001uF 10% 68
C251	2111031AD	0.01uF 10%
C252	2311048B19	47uF 20% 16V
C253	2311048B19	47uF 20% 16V
C254 C255	2111032A21 2111031A05	0.luF 10% 2.2 0.25pF
C256	2111031A01	1.0 0.25pF
C257	2111031A28	36
C258	2111031A01	1.0 0.25pF
C301 C302	2311048B05 0811051A17	1uf 20% 0.47uf 63V
C303-		
C312	2111031A21	18
C313	2111031A35	68
		DIODE: (SEE NOTE)
CR 51	4883654H01	Silicon
CR 52 CR101	4883654H01 4883654H01	Silicon Silicon
CR101 CR102	4883654H01	Silicon
CR151	4882190H54	Silicon varactor
CR152	4882190H54	Silicon varactor
CR153 CR154	4884399M01 4884399M01	Silicon Silicon
CR201	4802081B35	Silicon varactor
CR202	4802081B35	Silicon varactor
CR203	4884616A01 4802081B35	Hot carrier Silicon varactor
CR204 CR205	4802081B35	Silicon varactor
CR206	4802081B35	Silicon varactor
CR207	4884616A01	Hot carrier
		HELICAL FILTER:
FL1	9180081J01	2-cell
FL2	9180081J02	3-cell
FL3	9180081J03	3-cell
		CERAMIC_FILTER:
FL51	9180097D06	455 kHz, 6-pole
FL52	9180098D06	455 kHz, 4-pole
		CONNECTOR:
J 1	0980168K01	Coaxial
J 2	0980168K01	Coaxial
J 3	0980179H01	11-pin socket

.

	0/11000000	COIL:	Rl
L 1 L 2	2411030B0 2411030B0	.8	R1
L 3	2482723H2	B 0.29uH (yellow)	. R1 R1
L 4	2411030B0	l 1.5 turns (red)	R1 R1
L 5 L 51	2482723H28 2480299D01		R1
L 51	248029900 2482835G03		R1
L 53	2482835G03	2.6uH (red-blue-gold)	R1 R1
L 54	2480000E01 2482723H35 2411030B08	Quad det with capacitor	R1
L 55 L101	2482723H35 2411030B08	5 23uH (red)	R1
L102	0/00700000	0 00 11 ( 11 )	R1 R1
L151	2480299D01	17.75 turns (orange)	R1
L152 L201		Vilon (Dide)	R1.
L201 L202	2480117K02 2411030B10		R1
L203-		Sis carna (reu)	R1: R1:
L206	2482723H28		R1:
L207 L208	2411030B05	2.5 turns (green) 4.5 turns (brown)	R1:
L209	2482723H28	0.29uH (yellow)	R12
L210	2480117к03	Coil	R12 R15
L211	2411030B12	7.5 turns (yellow)	R1
L212- L215		0.29uH (yellow)	R15
L216	2411030806	2.5 turns	R15 R15
L217	2482723H28	0.29uH (yellow)	R15
L218	2411030B08	4.5 turns (brown)	R15
		TRANSISTOR: (SEE NOTE)	R16
Q 1	4800869990	M9990	R16 R16
Q 2	4811043B12	FET M3B12 (alt: M9839)	R20
Q 51 Q 52		FET M3B12 (alt: M9839)	R20
Q 53	4802081830	M3B03 (alt: M9571) M1B30 (alt: M1B10)	R20
Q 54	4802081B30	M1B30 (alt: M1B10)	R20 R20
Q101	4802081B31	M1B31 (alt: M1B11)	R20
Q102 Q103	4800869987 4800869987		R20
Q103	4802081B31	M1B31 (alt: M1B11)	R20
Q105	<b>4802081B30</b>	M1B30 (alt: M1B10)	R20 R21
Q107	4811043B19	M3B19 (alt: M9658)	R21
Q151 Q152	4802081B30	M1B30 (alt: M1B10) M1B31 (alt: M1B11)	R21
Q201	4811043B12	FET M3B12 (alt: M9839)	R21 R21
Q202	4802081B31	M1B31 (alt: M1B11)	R21
Q203 Q204	4811043B19		R21
Q204 Q205	4800869990 4884939C36	M9990 Fet M9C36	R21
Q206	4802081B31	M1B31 (alt: M1B11)	R21 R22
Q207	4811043B19	M3B19 (alt: M9658)	R22
Q208 Q209	4811043B19 4802081B30	M3B19 (alt: M9658) M1B30 (alt: M1B10)	R22:
Q251	4802081B30	M1B30 (alt: M1B10) M1B30 (alt: M1B10)	R223 R224
-			R22
			R226
R 1	0611024A47	RESISTOR: fixed 5% 1/8W 820	R227
R 2	0611024A63	3.9k	R228 R229
R 3	0611024A19	56	R230
R 4 R 5	0611024A27 0611024A19	120 56	R231
R 6	0611024A27	120	R232
R 7	0611024A43	560	R233 R234
R 8	0611024A93	68k	R235
R 51 R 53	0611024A55 0611024A29	1.8k 150	R238
R 54	0611024A41	470	R239
R 55	0611024A49	lk	R240 R241
R 56 R 57	0611024B20	820k	R242
R 58	0611024B06 0611024B02	220k 150k	R243
R 59	1805500L08	22k variable	R251 R252
R 60	0611024A93	68k	R301
R 61 R 62	0611024A95 0611024A65	82k 4.7k	R302
R 63	0611024A65	4.7k 8.2k	R303
R 64	0611024A71	8.2k	R304 R305
R 65	0611024A71	8.2k	R306
R 66 R101	0611024A65 0602438B15	4.7k 150 0.5W	R307
R102	0611024A25	100	R308 R309
R103	0611024A73	10k	R310

-101			
R104	0611024A2		
R105	0611024A7		
R106	0611024A0		
R107	0611024A7	7 15k	
R108	0611024A2	5 100	
R109	0611024A2	9 150	
R110	0611024A3	9 390	
R111	0611024A29	9 150	
R112	0611024A5		
R113	0611024A6		
R116	0611024A5		
R117	0611024A59	2.7k	
R118	0611024A7		
R119	0611024A77		
R120	0611024A33		
R121	0611024A19		
R122	0611024A59		
R123	0611024A25		
R124	0611024A49		
R124			
	0611024A53		
R126	0611024A63		
R127	0611024A47		
R152	0610621E25		1/4W
R153	0610621C71		1% 1/4W
R155	0610621C57		1% 1/4W
R156	0611024A97		
R157	0611024A73		
R158	0611024A73		
R159	0611024A77		
R160	0611024A09		
R161	0611024A53		
R162	0611024A49	1k	
R201	0611024A19	56	
R202	0611024A25	100	1
R203	0611024A73	10k	
R204	0611024A21	68	
R205	0611024A61	3.3k	
R206	0611024A77	15k	
R207	0611024A73	10k	
R208	0611024A79	18k	
R209	0611024A73	10k	
R210	0611024A57	2.2k	
R211	0611024A35	270	
R212	0611024A43	560	
R213	0611024A01	10	
R214	0611024A21	68	•
R215	0611024A35	270	
R216	0611024A21	68	
R217	0611024A01	10	
R219	0611024A35	270	
R220	0611024A07	18	
R221	0611024A35	270	
R222	0611024A97	100k	
R223	0611024A73	10k	
R224	0611024A73	10k	
R225	0611024A19	56	
R226	0611024A25	100	
3227	0611024A73	100 10k	
R228	0611024A21	68	
229	0611024A65	4.7k	
2230	0611024A57	2.2k	
231	0611024A35	270	
232	0611024A43	560	
233	0611024A21	68	
234	0611024A35	270	
235	0611024A21	68	
238	0611024A35	270	
239	0611024B07	18	
240	0611024A35	270	
241	0611024A55	270 1k	
242			
242	0611024A15	39	
245	0611024A15 0611024A35	39	
252		270	
301	0611024A01	10	
301	0611024A81	22k	1.1.1
302	1805500L08 0611024A41	22k ver	ladie
303 304	0611024A41 0611024A01	470	
304 305	1805500L08	10	ish1-
305 306		22k var	ladie
306 307	0611024A01	10	
307	0611024A55	1.8k	
	0611024A65	4.7k	
309 310	0611024A65	4.7k	
210	0611024A65	4.7k	



		THERMI STOR:
RT151	0683600K06	
RT152		
RT153		
		INTEGRATED CIRCUIT: (SEE NOTE)
U 51	5105479G05	
U101	5183548N19	
U102	5183977M45	Prescaler
		ZENER DIODE: (SEE NOTE)
VR101	4882256C15	5.1V 5%
Y 51	9180082J01	CRYSTAL:
Y 52	4805488603	
or	4805488G04	20.945MHz   Replace with part as 21.855MHz   originally supplied
¥151	4802443B21	
		NON-REFERENCED ITEMS:
	2680138J01	
	2680182H01	RF shield
	2680153J01	Coil shield, 3 used
	2680210K01	
or <b>P</b> (1)		
GLISO 14	/A RF Board,	25kHz (403-433MHz) 2ppm
SAMON		
SIMDUL	PART NO.	DESCRIPTION
		<u>CAPACITOR, fixed:</u> pF 5% 50V unless otherwise stated
C 1	2111031A13	
C 2	2111031A35	68
c 3	2111031A35	68
C 5	2111031A35	
C 8	2111032A09	
Č 9	2111031A08	3.9 0.25pF
C 10	2111032A21	
C 12	2111032A09	
C 51	2111031A31	
C 52	0611024B23	
C 54	2111031A09	
C 55	2111031A10	5.6 0.25pF
C 56	0611024B23	
C 57	2111031A21	
C 58	2111031A21	
C 59	2384538G05	
C 60	2111031A31	47
C 61 C 62	2111031A23	22
C 62	2111031A31	47
C 64	2111031A59 2111031A15	680
C 65	2111031A15	10 0.22mE 180.00%
C 66	2111032A21	0.22uF +80-20% 0.01uF 10%
C 67	2111032B15	0.22uF +80-20%
C 68	2111032B15	0.22 uF + 80 - 20 X
C 69	2384538G05	10uF 20% 15V
C 70	2311048B13	10uF 20% 16V
C 71	2311048B06	2.2uF 20%
C 72-		
C 77	2111032B15	0.22uF +80-20%
C 78	2111032A13	0.0022uF 10%
C 79	2111032B15	0.22uF +80-20%
C 80	2311048B13	10uF 20% 16V
C 81	0811051A05	0.0047uF 63V
C 82	0811044A34	0.018uF 63V
C 83	0811051A01	0.001uF 63V
C101	2311048B13	10uF 20% 16V
C102 C103	0811051A13 2111032A21	0.luF 63V
C103	2311048B13	0.01uF 10% 10uF 20% 16V
C104	2111032A21	0.01uF 10%
C106	2111031A19	15
C108	2111032B13	0.luF +80-20%
C109	0811051A13	0.1uF 63V
C110	2111032B13	0.1uF +80-20%
C111	2302057B02	1uF 20% 35V
C112	0811051A07	0.luF 63V
C113	2111032A18	0.0056uF 10%
C114	2111031A35	68
C115	2111032A21	0.01uF 10% 50V
C116	2311048B13	10uF 20% 16V
C117	2111031 <b>A35</b>	68
6-32		

C118	2111031A3	5 68
C119	2111031A3	
C120	2111031A39	
C121	2111031A1(	) 5.6 0.25pF
C122-		
C125 C126	2111031A35 2111032A21	
C127	2111032A21	
C159	2111031A23	
C160	2111031A19	
C162	2111032A09	
C163 C201	2111032A21 2002473M01	
C202	2111031A08	
C203	2111031A07	
C204	2111031A01	
C205	2111031A13	
C206 C207		6.8 0.25pF
C207	2111031A10 2111031A11	
C209-	ZIIIOJIAII	0.8 0.25pr
C211	2111031A35	68
C212	2111031A07	3.3 0.25pF
C214	2111031A35	68
C215	2111031A35	
C216 C217-	2111031A11	6.8 0.25pF
C219	2111031A35	68
C221	2002473M01	
C222	2111031A05	2.2 0.25pF
C223	2111031A03	1.5 0.25pF
C224	2111031A03	
C225	2111031A01	
C226 C227	2111031A09 2111031A01	
C228	2111031A17	1.0 0.25pF 12
C229	2111031A10	
C230	2111031A11	6.8 0.25pF
C231	2111031A10	· · · E -
C232	2111031A35	68
C233 C234	2111031A35 2111031A03	
C236-	2111051705	1.5 0.25pF
C238	2111031A35	68
C239	2111031A10	5.6 0.25pF
C240	2111032A21	0.01uF 10%
C241	2111031A35	68
C242 C243	2111031A35	68 0.033uF 10%
C244-	2111032A27	0.033uF 10Z
C246	2111031A35	68
C247	2111031A05	2.2 0.25pF
C248	2384538G31	0.56uF 10% 35V
C249	2111032A09	
C250 C251	2111031A35	68 0.01uF 10%
C252	2311048B19	47uF 20% 16V
C253		47uF 20% 16V
C254	2111032A21	0.1uF 10%
C255	2111031 <b>A</b> 05	2.2 0.25pF
C256	2111031A01	1.0 0.25pF
C257 C258	2111031A28	36
C301	2111031A01 2311048B05	1.0 0.25pF
C302	0811051A17	
C303-		
C312	2111031A21	
C313	2111031A35	68
		CHANNEL ELEMENT:
CE151	KXN1123A	Reference oscillator (14.4MHz)
		Acterence Obcillator (14.4Miz)
_		DIODE: (SEE NOTE)
CR 51	4883654H01	Silicon
CR 52		Silicon
CR101 CR102	4883654H01 4883654H01	Silicon Silicon
CR201	4802081B35	Silicon varactor
CR202	4802081B35	Silicon varactor
CR203	4884616A01	Hot carrier
CR204	4802081B35	Silicon varactor
CR205	4802081B35	Silicon varactor
CR206 CR207	4802081835 4884616A01	Silicon varactor Hot carrier
		me talligi

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		HELICAL FILTER:	R 60	0611024A93	68k
FL1	9180081J04	2-cell	R 61	0611024A95	82k
FL2	9180081J05		R 62	0611024A65	4.7k
FL3	9180081J06	3-cell	R 63-		
			R 65	0611024A71	
		CERAMIC FILTER:	R 66	0611024A65	
FL51		455 kHz 6-pole	R101	0602438B15	
FL52	9180098D06	455 kHz 4-pole	R102	0611024A25	100
			R103	0611024A73	
71 70	00001/0201	CONNECTOR:	R104	0611024A24	
J1,J2	0980168K01		R105	0611024A73	
J 3	09801/9801	11-pin socket	R106	0611024A01	
		0011	R107	0611024A77	
<del>,</del> 1	2611020705	COIL:	R108	0611024A25	
L 1 L 2	2411030B05		R109	0611024A29	
		4.5 turns (brown)	R110	0611024A39	390
L 3 L 4		0.29uH (yellow) 1.5 turns (red)	R111	0611024A29	
L 4 L 5			R112	0611024A53	
L 51		0.29uH (yellow) 17.75 turns (orange)	R113	0611024A67	
L 51		2.6uH (red-blue-gold)	R116	0611024A53	
L 52 L 53		2.6uH (red-blue-gold)	R117	0611024A59	
L 54	2402033603	Quad det with capacitor	R118	0611024A73	
L 55		23uH (red)	R119 R120	0611024A77	15k
L101		4.5 turns (brown)		0611024A33	
L101	2411030808	0.29uH (yellow)	R121	0611024A19	
L152		6.2uH (blue)	R122 R123	0611024A59	
L201	2480117K03		R125 R124	0611024A25	
L201		6.5 turns (orange)	R124 R125	0611024A49	
L202	2411050811	o. J Lurins (orange)	R125 R126	0611024A53 0611024A63	
L205	2/82223828	0.29uH (yellow)	R120 R127	0611024A65	3.9k
L200		2.5 turns (green)			
L208		4.5 turns (brown)	R163	1805500L08	
L200		0.29uH (yellow)	R164	0611024A81	22k
L210	2480117K03		R201 R202	0611024A19	56
L211		7.5 turns (yellow)	R202	0611024A25	100
L212-	2411030812	7.5 Lulius (yellow)	R203 R204	0611024A73	10k
L215	2682723828	0.29uH (yellow)	R204	0611024A21	
L216	2411030B06		R205	0611024A61 0611024A77	3.3k 15k
L217		0.29uH (yellow)	R200	0611024A73	10k
L218		4.5 turns (brown)	R208	0611024A79	18k
<u>DE 10</u>	2411030000	4.5 Carns (Drown)	R209	0611024A73	10k
		TRANSISTOR: (SEE NOTE)	R210	0611024A75	
Q 1	4800869990		R210	0611024A35	270
Q 2		FET M3B12 (alt: M9839)	R211 R212	0611024A55	
$\overline{q}$ $5\overline{1}$		FET M3B12 (alt: M9839)	R213	0611024A01	10
Q 52		M3B03 (alt: M9571)	R214	0611024A01	68
Q 53		M1B30 (alt: M1B10)	R215	0611024A35	270
Q 54	4802081B30	M1B30 (alt: M1B10)	R216	0611024A21	68
Q101		M1B31 (alt: M1B11)	R217		10
Q102	4800869987	M9987	R219	0611024A35	
Q103	4800869987		R220	0611024A07	18
Q104		M1B31 (alt: M1B11)	R221	0611024A35	270
Q105		M1B30 (alt: M1B10)	R222	0611024A97	100k
Q107		M3B19 (alt: M9658)	R223	0611024A73	10k
Q201		FET M3B12 (alt: M9839)	R224	0611024A73	10k
Q202		M1B31 (alt: M1B11)	R225	0611024A19	56
Q203	4811043B19		R226	0611024A25	100
Q204	4800869990		R227	0611024A73	10k
Q205	4884939C36	FET M9C36	R228	0611024A21	68
Q206	4802081B31	M1B31 (alt: M1B11)	R229	0611024A65	
Q207		M3B19 (alt: M9658)	R230	0611024A57	2 • 2k
Q208	4811043B19		R2 31	0611024A35	270
Q209	4802081B30	M1B30 (alt: M1B10)	R232	0611024A43	560
Q251	4802081B30	M1B30 (alt: M1B10)	R233	0611024A21	68
			R234	0611024A35	270
	•	RESISTOR: fixed 5% 1/8W	R235	0611024A21	68
		unless otherwise stated	R238	0611024A35	270
R 1	0611024A47	820	R239	0611024B07	18
R 2	0611024A63	3.9k	R240	0611024A35	270
R 3	0611024A19	56	R241	0611024 <b>A</b> 49	1k
R 4	0611024A27	120	R242	0611024A15	39
R 5	0611024A19	56	R243	0611024A15	39
R 6	0611024A27	120	R251	0611024A35	
R 7	0611024A43	560	R252	0611024A01	10
R 8	0611024A93	68k	R301	0611024A71	
R 51	0611024A55	1.8k	R302	1805500L08	22k variable
R 53	0611024A29	150	R303	0611024A35	
R 54	0611024A41	470	R304	0611024A01	10
R 55	0611024A49	lk	R305	1805500L08	22k variable
R 56	0611024B20	820k	R306	0611024A01	10
R 57	0611024B06	220k	R307	0611024A57	2 • 2k
R 58	0611024B02	150k	R308-		
R 59	1805500L08	22k variable	R310	0611024A65	4.7k

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		INTEGRATED CIRCUIT:	C126	2111032A21	0.01uF 10%
U 51	5105479G05	Nucleus	C127	2111032A21	0.01uF 10%
U101	5183548N19	Divider	C159	2111031A23	22
U102	5183977M45	Prescaler	C160	2111031A19	
			C162		0.001uF 10%
			C163		0.01uF 10%
		ZENER DIODE:	C201		2.5-10 variable
VR101	4882256C15	5.17 52	C202		
					8.2 0.25pF
		CRY STAL:	C203	2111031A07	3.3 0.25pF
¥ 51	0190092701		C204		1.0 0.25pF
Y 52	\$100002JUI	Filter (matched pair Y51A/B)	C205	2111031A15	
-	4000400000	20.945MHz   Replace with part as	C206		6.8 0.25pF
or	4000488604	21.855MHz   originally supplied	C207		5.6 0.25pF
			C208	2111031A07	3.3 0.25pF
		NON-REFERENCED ITEMS:	C209-		
	2680138J01		C211	2111031A35	
	2680182H01	RF shield	C212	2111031A01	1.0 0.25pF
	2680153J01	Coil shield, 3 used Coil shield	C213	2111031A01	1.0 0.25pF
	2680210K01	Coil shield	C214	2111031A35	68
		· ·	C215	2111031A35	68
			C216	2111031A11	6.8 0.25pF
GLE6148	A RF Board,	25kHz (438-470MHz) 2ppm	C217-		· •
			C219	2111031A35	68
SYMBOL	PART NO.	DESCRIPTION	C221		2.5-10 variable
			C222	2111031410	5.6 0.25pF
		CAPACITOR, fixed: pf 5% 50V	C223	2111031403	1.5 0.25pF
		unless otherwise stated	C224	2111031405	2.2 0.25pF
C 1	2111031A11	6.8 0.25pF	C225	2111031401	1.0 0.25pF
C2. C3	2111031A35	68	C226	2111031400	4.7 0.25pF
C 5	2111031A35		C227		
C 7			C228		1.0 0.25pF
C 8	2111031A15	10		2111031A17	
C 9		3.9 0.25pF	C229		4.7 0.25pF
C 10		0.01	C230		5.6 0.25pF
		4.7 0.25pF 10 3.9 0.25pF 0.01uF 10X 0.001uF 10X 47 Jumper 4.7 0.25pF	C231		3.9 0.25pF
C 12		0.001uF 10%	C232	2111031A35	68
C 51	2111031A31	4/	C233	2111031A35	68
C 52	0611024B23	Jumper	C234	2111031A01	1.0 0.25pF
C 54	2111031A09	4.7 0.25pF	C235	2111031A03	1.5 0.25pF
C 55	2111031A10	5.6 0.25pF	C236-		-
C 56	0611024B23	Jumper	C238	2111031A35	68
C 57	2111031 <b>A</b> 21	0.01uF 10%	C239	2111031A08	3.9 0.25pF
C 58	2111031A21	0.01uF 10%	C240		0.01uF 107
C 59	2384538G05	0.luF 20% 15V	C241	2111031A35	
C 60	2111031A31	47 Jumper 4.7 0.25 pF 5.6 0.25 pF Jumper 0.01uF 10% 0.01uF 10% 0.1uF 20% 15% 47 22 47 680 10 0	C242	2111031A35	
C 61	2111031A23	22	C243		0.033uF 10%
C 62	2111031A31	47	C244-		
C 63	2111031A59	680	C246	2111031A35	68
C 64	2111031A15	10	C247	2111031A05	
C 65	2111032B15	0.22uF +80-20%	C248		0.56uF 10% 35V
C 66	2111032A21	0.01uF 10%	C249		0.001uF 10%
C 67	2111032B15	0.22uF +80-20%	C250	2111031A35	
C 68		0.22uF +80-20%	C251	2111031A55	
C 69	2384538605	10uF 20% 15V	C252		
C 70		10uF 20% 16V	C253		47uF 20% 16V
C 71	2311048B06	2 20F 20F			47uF 20% 16V
C 72-	2011040200		C254	2111032A21	
C 77	2111032815	0.22uF +80-20%	C255	2111031A05	
- C 78	2111032413	0.0022uF 10%	C256	2111031A01	
C 79	2111032RIS	0.22uF +80-20%	C257	2111031A28	
C 80		10uF 20% 16V	C258	2111031A01	
C 80 C 81	0811051405	0.0047uF 63V	C301	2311048B05	Luf 207
C 81	08110// 49/	0.00470F 63V	C302	0811051A17	U.4/UF 63V
			C303-		
C 83		0.001uF 63V	C312	2111031A21	
C101		10uF 20% 16V	C313	2111031A35	68
C102	0811051A13				
C103	2111032A21				CHANNEL ELEMENT:
C104		10uF 20% 16V	CE151	KXN1123A	Reference oscillator (14.4MHz)
C105	2111032A21				
C106	2111031A19				DIODE: (SEE NOTE)
C108	2111032B13	0.luF +80-20%	CR 51	4883654H01	Silicon
C109	0811051A13		CR 52	4883654H01	
C110	2111032B13	0.1uF +80-20%	CR101	4883654H01	
C111	2302057B02	luF 20% 35V	CR102	4883654H01	
C112	0811051A07	0.1uF 63V	CR201		Silicon varactor
C113	2111032A18	0.0056uF 10%	CR202		Silicon varactor
C114	2111031A35	68	CR203	4884616A01	
C115		0.01uF 10% 50V	CR203	TOTAL	Lati 161
C116	2311048B13	10uF 20% 16V	CR204-	4802091935	Silicon varactor
C117-			CR208	4884616A01	
C119	2111031A35	68	06207	TOTALICAUT	HOL CALLIEL
C120	2111031A39				URI TOAT ATTEND
C121	2111031A10		131 1		HELICAL FILTER:
C122-	VJIAIV	242 0423 ht	FL1	9180081J01	
C122-	2111031A35	68	FL2	9180081J02	
0123	TITO TROD	VU	FL3	9180081J03	3-cell

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		CERAMIC FILTER:	R 65	0611024A71	8.2k
FL51	9180097D06		R 66		
FL52	9180098D06			0611024A65	
1402	7100090200	455 khz 4-pole	R101	0602438B15	
			R102	0611024A25	100
		CONNECTOR:	R103	0611024A73	10k
J 1	0980168K01	Coaxial	R104	0611024A24	100
J 2	0980168 <b>K</b> 01	Coaxial	R105	0611024A73	
J 3	0980179H01	11-pin socket	R106	0611024A01	
		0011 -	R107	0611024A77	
	0/11000-05	COIL:	R108	0611024A25	100
L 1	2411030B05		R109	0611024A29	150
L 2	2411030B07	3.5 turns (white)	R110	0611024A39	390
L 3	2482723H28	0.29uH (yellow)	R111	0611024A29	
L 4	2411030B01	1.5 turns (brown)	R112		
L 5	2482723828	0.29uH (yellow)		0611024A53	
L 51	2/ 90200001	17 75 August ()	R113	0611024A67	
	2400299001	17.75 turns (orange)	R116	0611024A53	1.5k
L 52	2482835G03	2.6uH (red-blue-gold)	R117	0611024A59	2.7k
L 53	2482835G03	2.6uH (red-blue-gold)	R118	0611024A73	
l 54	2480000E01	Quad det with capacitor	R119	0611024A77	
L 55	2482723H35		R120		
L101		4.5 turns (brown)		0611024A33	
L102			R121	0611024A19	
	2482723H28		R122	0611024A59	2.7k
L152		6.2uH (blue)	R123	0611024A25	100
L201	2480117K02		R124	0611024A49	1k
L202	2411030B10	5.5 turns (red)	R125	0611024A53	
L203-			R126	0611024A63	
L206	2482723H28	0.29uH (yellow)			
L207			R127	0611024A47	
	2411030B05		R163	1805500L08	22k variable 20%
L208		4.5 turns (brown)	R164	0611024A81	22k
L209	2482723H28	0.29uH (yellow)	R201	0611024A19	56
L210	2480117K02	Coil	R202	0611024A25	100
L211	2411030B12	7.5 turns (yellow)	R203		
L212-	2411000012	(is carns (yerrow)		0611024A73	10k
	0/ 00700000	• •• •• · · ·	R204	0611024A21	68
L215	2482723H28		R205	0611024A61	3.3k
L216	2411030B05		R206	0611024A77	15k
L217	2482723H28	0.29uH (yellow)	R207	0611024A73	10k
L218	2411030B08		R208	0611024A79	18k
		TRANSTOTOR. (OPP NOTE)	R209	0611024A73	10k
0 1	/ 000 0/ 0000	TRANSISTOR: (SEE NOTE)	R210	0611024A57	2.2k
Q 1	4800869990		R211	0611024A35	270
Q 2	4811043B12	FET M3B12 (alt: M9839)	R212	0611024A43	560
Q 51	4811043B12	FET M3B12 (alt: M9839)	R213	0611024A01	10
Q 52	4811043B03	M3BO3 (alt: M9571)	R214	0611024A21	68
Q 53	4802081830	M1B30 (alt: M1B10)			
Q 54	4002001000	M1D30 (alt. M1D10)	R215	0611024A35	270
•	4002001550	M1B30 (alt: M1B10)	R216	0611024A21	68
Q101		M1B31 (alt: M1B11)	R217	0611024A01	10
Q102	4800869987	M9987	R219	0611024A35	270
Q103	4800869987	M9987	R220	0611024A07	18
Q104	4802081B31	M1B31 (alt: M1B11)			
Q105		M1B30 (alt: M1B10)	R221	0611024A35	270
	4002001830	MIDJO (alt: MIDIO)	R222	0611024A97	100k
Q107	4811043819	M3B19 (alt: M9658)	R223	0611024A73	10k
Q201	4811043B12	FET M3B12 (alt: M9839)	R224	0611024A73	10k
Q202	4802081B31	M1B31 (alt: M1B11)	R225	0611024A19	56
Q203	4811043B19	M3B19 (alt: M9658)	R226	0611024A25	
Q204	4800869990				
	4000003330	113330 REM 100000	R227	0611024A73	
Q205	4884939C36	FET M9C36	R228	0611024A21	68
Q206	4802081B31	M1B31 (alt: M1B11)	R229	0611024A65	4.7k
Q207	4811043B19	M3B19 (alt: M9658)	R230	0611024A57	
Q208	4811043B19	M3B19 (alt: M9658)	R231	0611024A35	•
Q209	4802081B30	M1B30 (alt: M1B10)			
Q251	4802081830	M1B30 (alt: M1B10)	R232	0611024A43	
4271	4002001000	MIDJO (AIL: MIDIO)	R233	0611024A21	
			R234	0611024A35	270
		RESISTOR: fixed 5% 1/8W	R235	0611024A21	68
R 1	0611024 <b>A</b> 47	820	R239	0611024B23	Jumper
R 2	0611024A63	3.9k	R241	0611024A49	•
R 3	0611024A19	56	R242		
R 4	0611024A27	120		0611024A15	
			R243	0611024A15	39
R 5	0611024A19	56	R251	0611024A35	
R 6	0611024A27	120	R252	0611024A01	10
R 7	0611024 <b>A</b> 43	560	R301	0611024A85	33k
R 8	0611024A93	68k	R302	1805500108	
R 51	0611024A55	1.8k	R303		
R 53	0611024A29	150		0611024A45	
			R304	0611024A01	
R 54	0611024A41	470	R305	1805500L08	22k variable
R 55	0611024 <b>A</b> 49	1k	R306	0611024A01	
R 56	0611024B20	820k	R307	0611024A55	1.8k
R 57	0611024B06	220k	R308	0611024A05	
R 58	0611024B02	150k			
R 59			R309	0611024A65	4.7k
	1805500108	22k variable	R310	0611024A65	4.7k
R 60	0611024A93	68k			
R 61	0611024A95	82k			INTEGRATED CIRCUIT:
R 62	0611024A65	4.7k	U 51	5105479G05	
R 63	0611024A71	8.2k	U101	5183548N19	
R 64	0611024A71				Divider
	JUIIU248/1	U • 2R	U102	5183977 <b>M</b> 45	Prescaler

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		ZENER DIODE	C160	2111031A19	15
VR101	4882256C15		C162		
		5117 52			0.001 10%
		0 1111 OF 1 T	C163	2111032A21	
		CRYSTAL	C201	2002473MD1	2.5-10 variable
Y 51	9180082J01	Filter (matched pair Y51A/B)	C202	2111031A13	8.2 0.25pF
¥ 52	4805488G03	20.945MHz   Replace with part as	C203		3.3 0.25pF
or	4805488G04	21.855MHz   originally supplied	C204	2111031401	1.0 0.25pF
-					
			C205	2111031A15	
		NON-REFERENCED ITEMS:	C206		6.8 0.25pF
	2680138J01		C207	2111031A10	5.6 0.25pF
	2680182H01		C208		3.3 0.25pF
	2680153J01	Coil shield, 3 used	C209-		
		Coil shield	C211	2111031A35	49
			C212	2111031A01	1.0 0.25pF
			C213	2111031 <b>A</b> 01	1.0 0.25pF
	A RF Board,		C214	2111031A35	68
(Tx: 42	20-433MHz; Rz	t: 438-450MHz) 2ppm	C215	2111031A35	
	-		C216	2111031A11	
SYMBOL.	PART NO.	DESCRIPTION		ZIIIOJIAII	0.0 0.5 pr
0.1202		DESCRIPTION	C217-		
			C219	2111031A35	
		CAPACITOR, fixed: pF 5% 50V	C221	2002473M01	2.5-10 variable
		unless otherwise stated	C222	2111031A05	2.2 0.25pF
C 1	2111031A11	6.8 0.25pF	C223		1.5 0.25pF
C 2	2111031A35		C224	2111021402	1.5 0.25pF
C 3	2111031A35			2111051405	1.5 0.25pr
			C225		1.0 0.25pF
C 5	2111031A35		C226	2111031A09	4.7 0.25pF
C 7	2111031A09	4.7 0.25pF	C227	2111031A01	1.0 0.25pF
C 8	2111031A15		C228	2111031A17	
C 9		3.9 0.25pF	C229		5.6 0.25pF
C 10		0.01uF 10%			
			C230		2.2 0.25pF
C 12		0.001uF 10%	C231	2111031A10	5.6 0.25pF
C 51	2111031 <u>A31</u>	47	C232	2111031A35	
C 52	0611024B23	Jumper	C233	2111031A35	
C 54		4.7 0.25pF			
C 55	2111021410	F 6 0 05-7	C234	2111031A03	1.5 0.25pF
	2111031A10		C236-		
C 56	0611024B23	Jumper	C238	2111031A35	68
C 57	2111031A21	0.01uF 10%	C239	2111031A10	5.6 0.25pF
C 58	2111031A21	0.01uF 10%	C240		0.01uF 10%
C 59		0.luF 20% 15V			
			C241	2111031A35	
C 60	2111031A31		C242	2111031A35	68
C 61	2111031A23	22	C243	2111032A27	0.033uF 10%
C 62	2111031A31	47	C244-		
C 63	2111031A59	680	C246	2111031A35	4.9
C 64					
	2111031A15		C247	2111031A05	
C 65		0.22uF +80-20%	C248	2384538G31	0.56uF 10% 35V
C 66	2111032A21	0.01uF 10%	C249	2111032A09	0.001uF 10%
C 67	2111032B15	0.22uF +80-20%	C250	2111031A35	
C 68		0.22uF +80-20%			
C 69			C251		0.01uF 10%
		10uF 20% 15V	C252		47uF 20% 16V
C 70	2311048B13	10uF 20% 16V	C253	2311048B19	47uF 20% 16V
C 71	2311048B06	2.2uF 20%	C254	2111032A21	
C 72-		<b>x</b>	C255	2111031A05	
C 77	2111032B15	0.22uF +80-20%	C256	2111031A01	
C 78		0.0022uF 10%			
C 79			C257	2111031A28	
	2111032813	0.22uF +80-20%	C258	2111031A01	1.0 0.25pF
C 80	2311048B13	10uF 20% 16V	C301	2311048B05	luF 20%
C 81	0811051A05	0.0047uF 63V	C302	0811051A17	
C 82		0.018uF 63V	C303-		
C 83		0.001uF 63V	C312	2111021401	10
C101	22110/0P12	10uF 20% 16V		2111031A21	
			C313	2111031A35	00
C102	0811051A13				
C103	2111032A21				CHANNEL ELEMENT:
C104	2311048B13	10uF 20% 16V	CE 151	KXN1123A	Reference oscillator (14.4MHz)
C105	2111032A21	0.01uF 10%			
C106	2111031A19				
					DIODE: (SEE NOTE)
C108		0.1uF +80-20%	CR 51	4883654H01	Silicon
C109	0811051A13	0.luF 63V	CR 52	4883654H01	Silicon
C110	2111032B13	0.luF +80-20%	CR101	4883654H01	
C111	2302057B02	luF 20% 35V	CR102	4883654H01	
C112	0811051A07				
C112	2111022410	0.0056	CR201		Silicon varactor
		0.0056uF 10%	CR202		Silicon varactor
C114	2111031A35		CR203	4884616A01	Hot carrier
C115	2111032A21	0.01uF 10% 50V	CR204-		
C116		10uF 20% 16V	CR206	4802081 835	Silicon varactor
C117	2111031A35				
			CR207	4004010AU1	Hot carrier
C118	2111031A35				
C119	2111031A35				HELICAL FILTER:
C120	2111031A39		FL1	9180081J01	2-cell
C121	2111031A10	5.6 0.25pF	FL2	9180081J02	
C122-		· •	FL3		
C125	2111031A35	<u> </u>		9180081J03	J-0611
C126	2111032A21				CERAMIC FILTER:
C127	2111032A21		FL51	9180097D06	455 kHz, 6-pole
C159	2111031A23	22	FL52		455 kHz, 4-pole
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		CONNECTOR:	R103	0611024A7	3 10k
J 1 J 2	0980168K0		R104	0611024 <u>A2</u> 4	100
J 2 J 3	0980168K0		R105	0611024A73	3 10k
5 5	0980179H01	l 11-pin socket	R106	0611024A01	10
		60 <b>1</b> 1 ·	R107	0611024A77	/ 15k
L 1	2411030B05	COIL:	R108	0611024A25	i 100
L 2			R109	0611024A29	
L 2 L 3	2411030507	7 3.5 turns (white) 8 0.29uH (yellow)	R110	0611024A39	390
L 4	2402723020	1.5 turns (brown)	R111	0611024A29	150
L 5	2411030801	0.29uH (yellow)	R112	0611024A53	
L 51	2402725820	. 17.75 turns (orange)	R113	0611024A67	
L 52	2482835603	2.60H (red-blue-gold)	R116	0611024A53	
L 53	2482835603	2.60H (red-blue-gold)	R117	0611024A59	
L 54	2480000F01	Quad det with capacitor	R118	0611024A73	
L 55	2482723835	23uH (red)	R119	0611024A77	
L101	2411030B08	4.5 turns (brown)	R120	0611024A33	
L102	2482723H28	0.29uH (yellow)	R121	0611024A19	
L152	2482723H37	6.2uH (blue)	R122 R123	0611024A59	
L201	2480117K02		R125 R124	0611024A25	
L202		5.5 turns (red)	R124 R125	0611024A49	
L203-			R125	0611024A53	
L206	2482723H28	0.29uH (yellow)	R120	0611024A63 0611024A47	
L207	2411030B05	2.5 turns (green)	R163	1805500L08	
L208	2411030B08	4.5 turns (brown)	R164	0611024A81	
L209	2482723H28	0.29uH (yellow)	R201	0611024A81	
L210	2480117K02		R201	0611024A19	
L211	2411030B12	7.5 turns (yellow)	R203	0611024A23	
L212-			R204	0611024A75	
L215	2482723H28	0.29uH (yellow)	R205	0611024A21	
L216	2411030B06	2.5 turns	R206	0611024A77	
L217	2482723H28		R207	0611024A73	
L218	2411030В08	4.5 turns (brown)	R208	0611024A79	
		-	R209	0611024A73	
		TRANSISTOR: (SEE NOTE)	R210	0611024A57	
Q 1	4800869990	M9990	R211	0611024A35	
Q 2	4811043B12	FET M3B12 (alt: M9839)	R212	0611024A43	560
Q 51	4811043B12	FET M3B12 (alt: M9839)	R213	0611024A01	10
Q 52	4811043B03	M3BO3 (alt: M9571)	R214	0611024A21	68
Q 53	4802081B30	M1B30 (alt: M1B10)	R215	0611024A35	
Q 54	4802081B30	M1B30 (alt: M1B10)	R216	0611024A21	68
Q101	4802081B31	M1B31 (alt: M1B11)	R217	0611024A01	10
Q102	4800869987		R219	0611024A35	270
Q103	4800869987		R220	0611024A07	18
Q104	4802081B31	M1B31 (alt: M1B11)	R221	0611024A35	
Q105	4802081B30	M1B30 (alt: M1B10)	R222	0611024A97	100k
Q107	4811043B19	M3B19 (alt: M9658)	R223	0611024A73	10k
Q201		FET M3B12 (alt: M9839)	R224	0611024A73	10k
Q202	4802081B31		R225	0611024A19	56
Q203	4811043B19	M3B19 (alt: M9658)	R226	0611024A25	100
Q204	4800869990	M9990	R227	0611024A73	10k
Q205	4884939036	FET M9C36	R228	0611024A21	
Q206	4802081831	M1B31 (alt: M1B11)	R229	0611024A65	4.7k
Q207	4811043B19 4811043B19	M3B19 (alt: M9658)	R230	0611024A57	2.2k
Q208	4811043B19	M3B19 (alt: M9658)	R2 31	0611024A35	270
Q209		M1B30 (alt: M1B10)	R232	0611024A43	
Q251	4802081B30	M1B30 (alt: M1B10)	R233	0611024A21	68
			R2 34	0611024A35	270
		RESISTOR fixed: 5% 1/8W	R235	0611024A21	68
R 1	061100/4/7	unless otherwise stated	R238	0611024A35	270
R 2	0611024A47 0611024A63	820 3.9k	R239	0611024A07	
R 3	0611024A03		R240	0611024A35	
R 4	0611024A19	56	R241	0611024A49	
R 5	0611024A27	120 56	R242	0611024A15	
R 6	0611024A19		R243	0611024A15	
R 7	0611024A43		R251	0611024A35	
R 8	0611024A93		R252		10
R 51	0611024A55		R301		8.2k
R 53	0611024A29		R302	1805500L08	22k variable
R 54	0611024A41		R303	0611024A35	270
R 55	0611024A49		R304	0611024A01	10
R 56	0611024B20		R305	1805500L08	22k variable
R 57	0611024B06		R306	0611024A01	10
R 58	0611024B02		R307	0611024A57	2.2k
R 59		22k variable	R308-	061100/ +45	/
R 60	0611024A93		R310	0611024A65	4•/K
R 61	0611024A95				
R 62	0611024A65		11 51	5105/70005	INTEGRATED CIRCUIT:
R 63-			U 51 U101	5105479G05	Nucleus
R 65	0611024A71	8.2k	U101 U102	5183548N19	Divider
R 66	0611024A65		0102	5183977 <b>M</b> 45	Prescaler
R101	0602438B15				TENER DIADE.
R102		100	VR101	4882256C15	ZENER DIODE:
				-002230013	J+IY JA

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¥ 51		<u>CRYSTAL:</u> 1 Filter (matched pair Y51A/B)
Y 52 or	4805488G03 4805488G04	3 20.945MHz   Replace with part as
	400040000	· · · · · · · · · · · · · · · · · · ·
	2680138J01	NON-REFERENCED ITEMS:
	2680182H01	RF shield
	2680153J01 2680210801	Coil shield, 3 used Coil shield
	1000210801	Coll shield
GLE61	51A RF Board,	25kHz
(Tx: 4	38-450MHz; B	ta: 420-433MHz) 2 ppm
SYMBOL	PART NO.	DESCRIPTION
		CAPACITOR, fixed: pf 5% 50V
		unless otherwise stated
C 1 C 2	2111031A13 2111031A35	
C 3	2111031A35	-
C 5	2111031A35	
C 8 C 9	2111032A09	
C 9 C 10	2111031A08 2111032A21	
C 12	2111032A09	
C 51	2111031A31	47
C 52 C 54	2111031B23	Jumper
C 55	2111031A09 2111031A10	4.7 0.25pF 5.6 0.25pF
C 56	2111031B23	Jumper
C 57	2111031A21	
C 58 C 59	2111031A21 2384538G05	
C 60	2111031A31	
C 61	2111031A23	22
C 62 C 63	2111031A31	
C 64	2111031A59 2111031A15	
C 65	2111032B15	
C 66	2111032A21	
C 67 C 68	2111032B15 2111032B15	
C 69	2384538G05	10uF 20% 15V
C 70		10uF 20% 16V
C 71 C 72-	2311048806	2.2uF 20%
C 74	2111032B15	0.22uF +80-20%
C 75	2111032A13	0.0022uF 10%
C 76 C 77	2111032B15	0.22uF +80-20%
C 78	2111032B15 2111032A13	0.22uF +80-20% 0.0022uF 10%
C 79	2111032B15	0.22uF +80-20%
C 80	2311048B13	10uF 20% 16V
C 81 C 82	0811051A05 0811044A34	0.0047uF 63V 0.018uF 63V
C 83	0811051A01	0.001uF 63V
C101	2311048B13	10uF 20% 16V
C102 C103	0811051A13 2111032A21	0.luF 63V 0.0luF 10%
C104	2311048B13	10uF 20% 16V
C105	2111032A21	0.01uF 10Z
C106 C108	2111031A19 2111032B13	
C109	0811051A13	0.luF +80-20% 0.luF 63V
C110	2111032B13	0.luF +80-20%
C111	2302057B02	luF 207 35V
C112 C113	0811051A07 2111032A18	0.luF 63V 0.0056uF 10
C114	2111031A35	68
C115	2111032A21	0.01uF 10% 50V
C116 C117-	2311048B13	10uF 20% 16V
C119	2111031A35	68
C120	2111031A39	100
C121 C122-	2111031A10	5.6 0.25pF
C122-	2111031 <u>A3</u> 5	68
C126	2111032A21	0.01uF 10%
C127	2111032A21	0.01uF 10Z
C159 C160	2111031A23 2111031A19	22 15
C162	2111032A09	0.001uF 10%

C163	2111032A2	L 0.01uF 10%
C201	2002473M0	
C202	2111031A0	5 3.9 0.25pF
C2O3 C2O4	2111031A07	
C204	2111031A01 2111031A1:	
C206	2111031A1	
C207	2111031A10	) 5.6 0.25pF
C208 C209-	2111031A11	6.8 0.25pF
C209-	2111031A35	68
C212	2111031A07	
C214	2111031A35	68
C215 C216	2111031A35	
C210	2111031A11	6.8 0.25pF
C219	2111031A35	68
C221	2002473M01	
C222	2111031A10	
C223 C224	2111031A03 2111031A05	
C225	2111031A01	
C226	2111031A09	4.7 0.25pF
C227	2111031A01	
C228 C229	2111031A17 2111031A09	
C230	2111031A10	
C231	2111031A08	3.9 0.25pF
C232	2111031A35	
C233 C234	2111031A35 2111031A01	
C235	2111031A03	
C236-		
C238	2111031A35	
C239 C240	2111031A08 2111032A21	3.9 0.25pF 0.01uF 10%
C241	2111031A35	68
C242	2111031A35	68
C243 C244	2111032A27	0.033uF 10%
C244 C245	2111031A35 2111031A35	68 68
C246	2111031A35	68
C247	2111031A05	2.2 0.25pF
C248 C249	2384538G31	0.56uF 10% 35V
C249 C250	2111032A09 2111031A35	0.001uF 10% 68
C251	2111032A21	
C252	2311048B19	47uF 20% 16V
C253 C254	2311048B19	
C255	2111032A21 2111031A05	
C256	2111031A01	1.0 0.25 pF
C257	2111031A28	36
C258 C301	2111031A01 2311048B05	1.0 0.25pF luF 20%
C302	0811051A17	
C303-		
C312	2111031A21	18
C313	2111031A35	68
		CHANNEL ELEMENT:
CE151	KXN1123A	Reference oscillator (14.4MHz)
CR 51	4883654H01	DIODE: (SEE NOTE) Silicon
CR 52	4883654H01	Silicon
CR101	4883654H01	Silicon
CR102 CR201	4883654H01	
CR201	4802081B35 4802081B35	
	4884616A01	Hot carrier
	4802081B35	Silicon varactor
	4802081B35 4802081B35	Silicon varactor
CR207	4884616A01	Silicon varactor Hot carrier
1	0100001	HELICAL FILTER:
FL1 FL2	9180081J04 9180081J05	2-cell 3-cell
FL3	9180081J06	3-cell
FL51	9180097 <b>D0</b> 4	CERAMIC FILTER: 455 kHz, 6-pole
	9180097D04	455 kHz, 4-pole
		- •

		CONNECTOR RECEPTACLE:	R101	0602438B15	150 0.5W
J 1	0980168K01	Coaxial	R102	0611024A25	100
J 2	0980168K01		<b>R103</b>	0611024A73	10k
J 3	0980179н01	ll-pin socket	R104	0611024A24	100
			R105	0611024A73	10k
		COIL:	R106	0611024A01	10
L 1	2411030B05		R107	0611024A77	15k
L 2	2411030B08	4.5 turns (brown)	R108	0611024A25	100
L 3	2482723H28	0.29uH (yellow)	R109	0611024A29	
L 4	2411030B02	1.5 turns (red)	R110	0611024A39	
L 5		0.29uH (yellow)	R111	0611024A29	
L 51	2480299D01	17.75 turns (orange)	R112	0611024A53	
L 52	2482835G03	2.6uH (red-blue-gold)	R113	0611024A67	
L 53	2482835G03	2.6uH (red-blue-gold)	R116	0611024A53	
l 54	2480000E01	quad detector, with capacitor	R117	0611024A59	
L 55	2482723H35	23uH (red)	R118	0611024A73	
L101		4.5 turns (brown)	R119	0611024A77	
L102	2482723H28	0.29uH (yellow)	R120	0611024A33	
L152	2482723H37	6.2uH (blue)	R121	0611024A19	
L201	2480117K03		R122	0611024A59	
L202	2411030B11	6.5 turns (orange)	R123	0611024A25	
L203	2482723н28	0.29uH (yellow)	R124	0611024A49	
L204	2482723H28	0.29uH (yellow)	R125	0611024A53	
L205	2482723H28	0.29uH (yellow)	R126	0611024A63	
L206	2482723H28	0.29uH (yellow)	R127	0611024A47	
L207	2411030B05	2.5 turns (green)	R163	1805500108	
L208		4.5 turns (brown)	R164	0611024A81	
L209	2482723H28	0.29uH (yellow)	R201	0611024A19	
L210	2480117K02		R202	0611024A25	
L211	2411030B12	7.5 turns (yellow)	R203	0611024A73	
L212-			R204	0611024A21	
L215	2482723H28	0.29uH (yellow)	R205	0611024A61	
L216	2411030B05		R206	0611024A77	
L217		0.29uH (yellow)	R207	0611024A73	
L218		4.5 turns (brown)	R208	0611024A79	
			R209	0611024A73	
		TRANSISTOR: (SEE NOTE)	R210	0611024A75	
Q 1	4800869990		R211	0611024A35	
$\hat{\mathbf{Q}}$ $\hat{\mathbf{Z}}$		FET M3B12 (alt: M9839)	R211	0611024A33	
Q 51	4811043B12	FET M3B12 (alt: M9839)	R212 R213		
Q 52		M3B03 (alt: M9571)	R213 R214	0611024A01	10
. 0 53		M1B30 (alt: M1B10)		0611024A21	
Q 54		M1B30 (alt: M1B10)	R215	0611024A35	
Q101	4802081831	M1B31 (alt: M1B11)	R216	0611024A21	
Q102	4800869987		R217	0611024A01	
Q103	4800869987		R219	0611024A35	
Q104		M1B31 (alt: M1B11)	R220	0611024A07	
Q105		MIBJI (alt: MIBII) MIBJO (alt: MIBIO)	R221	0611024A35	270
Q107		M3B19 (alt: M9658)	R222	0611024A97	100k
		FET M3B12 (alt: M9839)	R223	0611024A73	10k
Q201 Q202	4011043812	M1B31 (alt: M1B11)	R224	0611024A73	10k
Q202	4002001831	M3B19 (alt: M9658)	R225	0611024A19	
Q204	4800869990		R226	0611024A77	
Q205	4884939C36		R227	0611024A73	
Q206	4004939030	M1B31 (alt: M1B11)	R228	0611024A21	
Q207	4002001031	M3B19 (alt: M9658)	R229	0611024A65	
Q208	4011043B19	M3B16 (alt: M9932)	R230	0611024A57	
Q208 Q209	4011043010	MJD10 (alt: $M9932$ ) M1D20 (alt: $M1D10$ )	R231	0611024A35	
		M1B30 (alt: M1B10)	R232	0611024A43	
Q251	4002001830	M1B30 (alt: M1B10)	R233	0611024A21	
			R234	0611024A35	
R 1	061100/ +47	RESISTOR, fixed: 5% 1/8W	R235	0611024A21	
R 2	0611024A47		R239	0611024 B23	Jumper
	0611024A63		R241	0611024A49	
	0611024A19		R242	0611024A15	
R 4 R 5	0611024A27		R243	0611024A15	
	0611024A19		R251	0611024A35	
R 6	0611024A27		R252	0611024A01	
R 7	0611024A43		R301	0611024A85	
R 8	0611024A93		R302		22k variable
R 51	0611024A55		R303	0611024A45	
R 53	0611024A29		R304	0611024A01	
R 54	0611024A41		R305	1805500L08	
R 55	0611024A49		R306	0611024A01	
R 56	0611024B20		R307	0611024A55	1.8k
R 57	0611024B06		R308-		
R 58	0611024B02		R310	0611024A65	4.7k
R 59		22k variable			
R 60	0611024A93				INTEGRATED CIRCUIT: (SEE NOTE)
R 61	0611024A95		U 51	5105479G05	
R 62	0611024A65		U101	5183548N19	
R 63	0611024A71		U102	5183977M45	Prescaler
R 64	0611024A71				
R 65	0611024A71				ZENER DIODE: (SEE NOTE)
R 66	0611024A65	4•/K	VR101	4882256C15	5.10 5%

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¥ 51 ¥ 52 or	4805488G0	3 20.945MHz   Replace with part as
	2680138J0	NON-REFERENCED ITEMS: 1 Shield
	2680182H0	1 RF shield
	2680153J0 2680210F0	l Coil shield, 3 used l Coil shield
	200021080	I COII SNIELD
		, 12.5kHz (403-433MHz) 2 ppm
SYMBO	L PART NO.	DESCRIPTION
C 1	2111031A13	CAPACITOR, fixed: pF 5% 50V unless otherwise stated 8.2 0.25pF
C 2	2111031A35	68
C 3 C 5	2111031A35 2111031A35	
C 8	2111031A3	
C 9	2111031A08	3.9 0.25pF
C 10 C 12	2111032A21 2111032A09	
C 51	2111032A09	0.001uF 10% 47
C 52	2111031A13	8.2 0.25pF
C 54 C 56	2111031A19 2111031A15	
C 57	2111031A19	
C 58	2111031A21	0.01uF 10%
C 59 C 60	2384538G05 2111031A31	
C 61	2111031A23	
C 62 C 63	2111031A31	
C 64	2111031A59 2111031A15	
C 65	2111032B15	0.22uF +80-20%
C 66 C 67	2111032A21	0.01uF 10% 0.22uF +80-20%
C 68	2111032B15 2111032B15	
C 69	2384538G05	10uF 20% 15V
C 70 C 71	2311048B13 2311048B06	10uF 20% 16V
C 72-	2311040200	2.20F 20A
C 74 C 75	2111032B15	
C 76	2111032A13 2111032B15	0.0022uF 10% 0.22uF +80-20%
C 77	2111032B15	0.22uF +80-20%
C 78 C 79	2111032A13	0.0022uF 10% 0.22uF +80-20%
C 80	2311048B13	10uF 20% 16V
C 81	0811051A05	0.0047uF 63V
C 82 C 83	0811044A34 0811051A01	0.018uF 63V 0.001uF 63V
C101	2311048B13	
C102	0811051A13	0.1uF 63V
C103 C104	2111032A21 2311048B13	0.01uF 10% 10uF 20% 16V
C105	2111032 <u>A</u> 21	0.01uF 10%
C106 C108	2111031A19 2111032B13	15 0.luF +80-20%
C109	0811051 <b>A</b> 13	0.1uF 63V
C110	2111032B13	0.1uF +80-20%
C111 C112	2302057B02 0811051A07	luf 20% 35V 0.luf 63V
C113	2111032A18	0.0056uF 10
C114 C115	2111031A35	68
C116	2111032A21 2311048B13	0.01uF 10% 50V 10uF 20% 16V
C117-		
C119 C120	2111031A35 2111031A39	68 100
C120	2111031A39 2111031A10	100 5.6 0.25pF
C12 <b>2-</b>		-
C125 C126	2111031A35 2111032A21	68 0.01.07
C127	2111032A21 2111032A21	0.01uF 10% 0.01uF 10%
C159	2111031 <u>A2</u> 3	22
C160 C162	2111031A19 2111032 <b>A</b> 09	15 0.001uF 10%
C163	21110 <b>3</b> 2 <b>A</b> 21	0.01uF 10%
C201	200247 <b>3MD</b> 1	2.5-10 variable

C202	2111031A0	8 3.9 0.24pF
C203	2111031A0	7 3.3 0.25pF
C204	2111031A0	
C205 C206		
C206 C207	2111031A1 2111031A1	
C208	2111031A1	
C209-		1 010 0125pr
C211	2111031A3	5 68
C212	2111031A0	
C214	2111031A3	
C215 C216	2111031A3	
C210	2111031A1	L 6.8 0.25pF
C219	2111031A3	5 68
C221	2002473M01	
C222	2111031A05	5 2.2 0.25pF
C223	2111031A03	
C224	2111031A05	
C225 C226	2111031A01	
C227	2111031A09 2111031A01	
C228	2111031A17	
C229	2111031A10	
C230	2111031A11	
C231	2111031A10	
C232	2111031A35	
C233 C234	2111031A35	
C234	2111031A03	1.5 0.25pF
C238	2111031A35	68
C239	2111031A10	
C240	2111032A21	
C241	2111031A35	
C242	2111031A35	
C243 C244-	2111032A27	0.033uF 10%
C244	2111031A35	68
C247	2111031A05	
C248	2384538G31	0.56uF 10% 35V
C249	2111032A09	0.001uF 10%
C250	2111031A35	68
C251 C252	2111032A21	0.01uF 10%
C252	2311048B19 2311048B19	
C254	2111032A21	
C255	2111031A05	
C256	2111031A01	1.0 0.25pF
C257	2111031A28	36
C258	2111031A01	1.0 0.25pF
C301 C302	2311048B05 0811051A17	1uF 20%
C303-	USITUJIAT/	0.47uF 63V
C312	2111031A21	18
C313	2111031A35	68
		CHANNEL ELEMENT:
CE151	KXN1123A	Reference oscillator (14.4MHz)
		DIODE: (SEE NOTE)
CR 51	4883654H01	Silicon
CR 52	4883654H01	Silicon
CR101	4883654H01	Silicon
CR102	4883654H01	Silicon
CR201	4802081B35	Silicon varactor
CR202 CR203	4802081B35 4884616A01	Silicon varactor
CR203	4802081B35	Hot carrier Silicon varactor
CR205	4802081B35	
CR206	4802081B35	Silicon varactor
CR207	4884616A01	Hot carrier
FL1	9180081J04	HELICAL FILTER:
FL1 FL2	9180081J04 9180081J05	2-cel1 3-cel1
FL3	9180081J06	3-cell
		CERAMIC FILTER:
FL51	9180097D04	455 kHz 6-pole
FL52	9180098D04	455 kHz 4-pole
		CONNECTOR:
J1,J2	0980168K01	Coaxial
JJ	0980179H01	11-pin socket

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		COIL:		R108	0611024A25	100
L 1 L 2	2411030B05			R109	0611024A29	150
L 2 L 3	2482723H28	4.5 turns (brown) 0.29uH (yellow)	•	R110	0611024A39	
L 4		1.5 turns (red)		R111	0611024A29	
L 5	2482723828	0.29uH (yellow)		R112 R113	0611024A53	A PARTY AND A P
L 51	2480299D01	17.75 turns (orange)		R115 R116	0611024A67 0611024A53	
L52,L5	3 2482835G03	2.6uH (red-blue-gold)		R117	0611024A59	
l 54	2480000E01	Quad detector, with capacitor		R118	0611024A73	
L 55		23uH (red)		R119	0611024A77	
L101		4.5 turns (brown)		R120	0611024A33	
L102 L152	2482723H28 2482723H37			R121	0611024A19	
L201	2480117K03			R122	0611024A59	
1,202		6.5 turns (orange)		R123 R124	0611024A25	
L203-		···· ···· (•···························		R124 R125	0611024A49 0611024A53	
L206	2482723H28			R126	0611024A03	
L207	2411030B05	2.5 turns (green)		R127	0611024A47	
1208	2411030B08	4.5 turns (brown)		R163	1805500L08	
L209		0.29uH (yellow)		R164	0611024 <b>A</b> 81	
L210 L211	2480117K03	Coil 7.5 turns (yellow)		R201	0611024A19	-
L212-	2411030812	/.J turns (yellow)		R202	0611024A25	
L215	2482723H28	0.29uH (yellow)		R203	0611024A73	
L216	2411030B06			R204 R205	0611024A21	
L217	2482723H28			R205	0611024A61 0611024A77	
L218	2411030B08			R207	0611024A73	
				R208	0611024A79	
		TRANSISTOR: (SEE NOTE)		R209	0611024A73	10k
Q 1	4800869990			R210	0611024A57	
Q 2 Q 51	4811043B12	FET M3B12 (alt: M9839)		R211	0611024A35	270
Q 52	4811043B03	FET M3B12 (alt: M9839) M3B03 (alt: M9571)		R212	0611024A43	
Q 53		M1B30 (alt: M1B10)		R213	0611024A01	10
Q 54	4802081B30	M1B30 (alt: M1B10)		R214 R215	0611024A21	68
Q101	4802081B31	M1B31 (alt: M1B11)		R215 R216	0611024A35 0611024A21	270 68
Q102	4800869987			R217	0611024A21	10
Q103	4800869987			R219	0611024A35	270
Q104	4802081B31	M1B31 (alt: M1B11)		R220	0611024A07	18
Q105	4802081B30	M1B30 (alt: M1B10)		R221	0611024A35	270
Q107	4811043B19	M3B19 (alt: M9658)		R222	0611024A97	100k
Q201 Q202		FET M3B12 (alt: M9839) M1B31 (alt: M1B11)		R223	0611024A73	10k
Q203	4802081B31 4811043B19	M3B19 (alt: M9658)		R224	0611024A73	10k
Q204	4800869990	M9990		R225	0611024A19	56
Q205	4884939C36			R226 R227	0611024A77	15k
Q206	4802081B31	M1B31 (alt: M1B11)		R228	0611024A73 0611024A21	10k 68
Q207	4811043B19	M3B19 (alt: M9658)		R229	0611024A65	4.7k
Q208	4811043B16	M3B16 (alt: M9932)		R230	0611024A57	
Q209	4802081B30	M1B30 (alt: M1B10)		R231	0611024A35	
Q251	4802081 <b>B</b> 30	M1B30 (alt: M1B10)		R232	0611024A43	
				R233	0611024A21	
		RESISTOR, fixed: 5% 1/8W		R234	0611024A35	
R 1	0611024A47	unless otherwise stated 820		R235	0611024A21	
R 2	0611024A63	3.9k		R238 R239	0611024A35	270
R 3	0611024A19	56		R240	0611024A07 0611024A35	18 270
R 4	0611024 <u>A</u> 27	120		R241	0611024A39	270 1k
R 5	0611024A19	56		R242	0611024A15	39
R 6	0611024A27			R243	0611024A15	
R 7	0611024A43			R251	0611024A35	
R 8 R 51	0611024A93			R252	0611024A01	
R 53	0611024A55 0611024A29			R301	0611024A81	
R 54	0611024A29			R302 R303	1805500L08	
R 55	0611024A49	lk		R303 R304	0611024A35	
R 56	0611024B20			R305	0611024A01 1805500L08	
R 57	0611024 B06	220k		R306	0611024A01	
R 58	Q611024B02	150k		R307	0611024A57	
R 59		22k variable		R308-		
R 60 R 61	0611024A93	68k		R310	0611024A65	4.7k
R 61 R 62	0611024A95 0611024A43	150k 22k variable 68k 82k 560 8.2k 8.2k 8.2k				
	0611024A43	8.2k		11 61	E105/ 30-05	INTEGRATED CIRCUIT: (SEE NOTE)
R 64	0611024A71	8.2k		U 51 U101	5105479G05	
R 65	0611024A71	8.2k		U101 U102	5183548N19 5183977M45	Divider Bresseler
	0611024A65	4.7k		JIV2	JIUJ7//MHJ	Prescaler
R101	0602438B15	150 0.5W				ZENER DIODE: (SEE NOTE)
	0611024A25			VR101	4882256C15	5.1V 5%
	0611024A73					
R104 R105	0611024A24					CRYSTAL: (SEE NOTE)
	0611024A73 0611024A01			¥ 51	9180082J02	Filter (matched pair, Y51A/B)
	0611024A01 0611024A77	10 15k		¥ 52	4805488G03	20.945MHz Replace with part as
				or	4805488G04	21.855MHz   originally supplied

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		NON-REFERENCED ITEMS:
	2680138J01	Shield
	2680182H01 2680153J01	RF shield Coil shield, 3 used
	2680210K01	Coil shield, 3 used Coil shield
CL #615	A PP Board	12.5kHz (438-470MHz) 2 ppm
	PART NO.	
DIIDOL	I AAI NO.	
		CAPACITOR, fixed: pF 5% 50V unless otherwise stated
C 1 C 2	2111031A11 2111031A35	•
C 3	2111031A35	68
C 5 C 7	2111031A35 2111031A09	68 4.7 0.25 pF
C 8 C 9	2111031A15	10
C 9 C 10	2111031A08 2111032A21	3.9 0.25pF 0.01uF 10%
C 12 C 51	2111032A09	0.001uF 10%
C 52		8.2 0.25pF
C 54 C 56	2111031A19 2111031A15	15 10
C 57		0.01uF 10% 0.01uF 10%
C 58 C 59	2111031A21 2384538G05	0.01uF 10% 0.1uF 20% 15V
C 60	2111031A31	0.luF 20% 15V 47
C 61 C 62	2111031A23 2111031A31	
C 63 C 64	2111031A59 2111031A15	680
C 65	2111032B15	0.22uF +80-20%
C 66 C 67		0.01uF 10% 0.22uF +80-20%
C 68	2111032B15	0.22uF +80-20%
C 69 C 70	2384538G05 2311048B13	10uF 20% 15V 10uF 20% 16V
C 71	2311048B06	
C 72- C 74	2111032B15	0.22uF +80-20%
C 75 C 76	2111032A13 2111032B15	0.0022uF 10% 0.22uF +80-20%
C 77	2111032B15	0.22uF +80-20%
C 78 C 79		0.0022uF 10% 0.22uF +80-20%
C 80	2311048B13	10uF 20% 16V
C 81 C 82	0811051A05 0811044A34	0.0047uF 63V 0.018uF 63V
C 83 C101	0811051A01 2311048B13	0.001uF 63V 10uF 20% 16V
C102	0811051A13	0.1uF 63V
C103 C104	2111032A21 2311048B13	0.01uF 10% 10uF 20% 16V
C105	2111032A21	0.01uF 10%
C106 C108	2111031A19 2111032B13	15 0.luF +80-20%
C109	0811051A13	0.1uF 63V
C110 C111	2111032B13 2302057B02	0.luF +80-20% luF 20% 35V
C112 C113	0811051A07 2111032A18	0.luF 63V 0.0056uF 10
C114	2111031A35	68
C115 C116	2111032A21 2311048B13	0.01uF 10% 50V 10uF 20% 16V
C117-		
C119 C120	2111031A35 2111031A39	68 100
C121 C122-	2111031A10	5.6 0.25pF
C125	2111031A35	68
C126 C127	2111032A21 2111032A21	0.01uF 10% 0.01uF 10%
C159	2111031A23	22
C160 C162	2111031A19 2111032A09	15 0.001uF 10%
C163	2111032A21	0.01uF 10%
C201 C202	2002473M01 2111031A13	2.5-10 variable 8.2 0.25pF
C203 C204	2111031A07 2111031A01	3.3 0.25pF 1.0 0.25pF
C204 C205	2111031A01 2111031A15	1.0 0.25pr 10

c	206	2111031A11	6.8 0.25pF
	207	2111031A10	
	208	2111031A07	
	209-		
	211 212	2111031A35 2111031A01	
	213	2111031A01	
	214	2111031A35	
	215	2111031A35	
	216	2111031A11	6.8 0.25pF
	217-	2111031A35	68
	221	2002473M01	
	222	2111031A10	
	223	2111031A03	1.5 0.25pF
	224	2111031A05	•
	225 226	2111031A01 2111031A09	1.0 0.25pF 4.7 0.25pF
	227	2111031A09	1.0 0.25pF
	228	2111031A17	12
	229	2111031A09	
-	230	2111031A10	
	231 232	2111031A08 2111031A35	3.9 0.25pF 68
	233	2111031A35	68
	234	2111031A01	1.0 0.25pF
С	235	2111031A03	1.5 0.25pF
	236-		
	238 239	2111031A35 2111031A08	68 3.9 0.25pF
	240	2111031A08	0.01uF 10%
	241	2111031A35	68
	242	2111031A35	68
	243	2111032A27	0.033uF 10%
	244 245	2111031A35 2111031A35	68 68
	246	2111031A35	68
	247	2111031A05	
	248	2384538G31	0.56uF 10% 35V
	249	2111032A09	0.001uF 10%
	250 251	2111031A35 2111032A21	68 0.01uF 10%
	252	2311048B19	
C	253	2311048B19	-
	254	2111032A21	
	255	2111031A05	· •
	256 257	2111031A01 2111031A28	1.0 0.25pF 36
	258	2111031A01	
	301	2311048в05	luF 20%
	302	0811051A17	0.47uF 63V
	803- 812		10
	313	2111031A21 2111031A35	
0.		2111051655	00
			CHANNEL ELEMENT:
CE	151	KXN1123A	Reference oscillator (14.4MHz)
FL	.1	9180081J01	HELICAL FILTER:
	2	9180081J02	3-cell
FI	3	9180081J03	3-cell
			/
CB	51	4883654H01	DIODE: (SEE NOTE)
CR	52	4883654801	Silicon
CR	101		Silicon
CR	102 201	4883654H01	Silicon Silicon varactor
	201	4802081B35	Silicon varactor
CR	202	4802081B35 4884616A01	Silicon varactor
CR	203	4884610AU1	HOT Carrier Silicon versetor
CR	205	4802081B35	Silicon varactor Silicon varactor
CR	206	4802081B35	Silicon varactor
CR	207	4884616A01	Hot carrier
			ORDANCE BIL CONS.
FL	51	9180097D04	CERAMIC FILTER:
	52	9180097D04	455 kHz, 6-pole 455 kHz, 4-pole
			, F
-			CONNECTOR:
	1	0980168K01	Coaxial
J J	2 3	0980168K01 0980179H01	Coaxial 11-pin socket

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	0/11000-0	COIL:	R107	0611024A7	7 15k
L 1 L 2	2411030B0		R108	0611024A2	5 100
L 3	2411030B0 2482723H2	7 3.5 turns (white) 8 0.29uH (yellow)	. R109	0611024A2	
L 4	2411030 BO		R110	0611024A3	
L 5		B 0.29uH (yellow)	R111 R112	0611024A29	
L 51	2480299D0	17.75 turns (orange)	R112 R113	0611024A5	
L 52	2482835G0	3 2.6uH (red-blue-gold)	R115 R116	0611024A6 0611024A5	
L 53	2482835G03	3 2.6uH (red-blue-gold)	R117	0611024A5	
L 54	2480000E0	Quad detector, with capacitor	R118	0611024A7	
L 55	2482723H3	23uH (red)	R119	0611024A7	
L101 L102		3 4.5 turns (brown)	R120	0611024A33	
L152	2482723H28 2482723H37		R121	0611024A19	9 56
L201	2480117K02		R122	0611024A59	
L202	2411030B10		R123	0611024A2	
L203-		Just Carno (rea)	R124 R125	0611024A49	
L206	2482723H28	0.29uH (yellow)	R125	0611024A53 0611024A63	
L207	2411030B05	2.5 turns (green)	R120	0611024A63	
L208	2411030 <b>B</b> 08	4.5 turns (brown)	R163	1805500108	
1209	2482723H28		R164	0611024A81	
L210	2480117K02	Coil	R201	0611024A19	
L211 L212-	2411030B12	7.5 turns (yellow)	R202	0611024 <u>A2</u> 5	100
L212- L215	2482723H28	(1, 2)	R203	0611024A73	10k
L216	2411030B05		R204	0611024A21	
L217	2482723H28		R205	0611024A61	
L218	2411030B08		R206	0611024A77	-
		419 Carns (Drown)	R207	0611024A73	
		TRANSISTOR: (SEE NOTE)	R208 R209.	0611024A79	
Q 1	4800869990		R210	0611024A73 0611024A57	
Q 2	4811043B12		R210	0611024A37	
Q 51	4811043B12	FET M3B12 (alt: M9839)	R212	0611024A33	
Q 52	4811043 BO3	M3BO3 (alt: M9571)	R213	0611024A01	
Q 53	4802081B30	M1B30 (alt: M1B10)	R214	0611024A21	
Q 54	4802081B30	M1B30 (alt: M1B10)	R215	0611024A35	
Q101		M1B31 (alt: M1B11)	R216	0611024A21	
Q102	4800869987		R217	0611024A01	10
Q103	4800869987		R219	0611024A35	
Q104	4802081831	M1B31 (alt: M1B11)	R220	0611024A07	18
Q105 Q107	4602081830	M1B30 (alt: M1B10)	R221	0611024A35	270
Q201	4011043B19 4811043B19	M3B19 (alt: M9658)	R222	0611024A97	100k
Q201	4011043 012	FET M3B12 (alt: M9839) M1B31 (alt: M1B11)	R223	0611024A73	10k
Q203	4811043B19	M3B19 (alt: M9658)	R224	0611024A73	10k
Q204	4800869990	M9990	R225	0611024A19	56
Q205	4884939C36		R226	0611024A77	15k
Q206		M1B31 (alt: M1B11)	R227 R228	0611024A73	10k
Q207	4811043B19	M3B19 (alt: M9658)	R229	0611024A21 0611024A65	68
Q208	4811043B16	M3B16 (alt: M9932)	R230	0611024A57	4.7k 2.2k
Q209	4802081B30	M1B30 (alt: M1B10)	R231	0611024A35	
Q251	4802081B30	M1B30 (alt: M1B10)	R232	0611024A43	
			R233	0611024A21	
		RESISTOR, fixed: 5% 1/8W	R234	0611024A35	
R 1	061100/ 4/ 7	unless otherwise stated	R235	0611024A21	68
R 2	0611024A47	820	R239	0611024 B23	Jumper
R 3	0611024A63 0611024A19	•	R241	0611024 <b>A</b> 49	
R 4	0611024A27	120	R242	0611024A15	39
R 5	0611024A19		R243	0611024A15	39
R 6	0611024A27	-	R251 R252	0611024A35	
R 7	0611024A43		R301	0611024A01	
R 8	0611024A93		R302	0611024A89	
R 51	0611024 <b>A</b> 55	1.8k	R303	1805500L08 0611024A41	
R 53	0611024A29	150	R304	0611024A41 0611024A01	
R 54	0611024 <b>A</b> 41	470	R305	1805500L08	
R 55	0611024 <b>A</b> 49		R306	0611024A01	
R 56	0611024B20		R307	0611024A55	
R 57	0611024 B06		R308	0611024A65	
R 58	0611024 B02	150k	R309	0611024A65	4.7k
R 59 R 60	1805500L08		R310	0611024A65	
R 61	0611024A93 0611024A95				
R 62	0611024A95 0611024A43				INTEGRATED CIRCUIT: (SEE NOTE)
R 63	0611024A43		U 51	5105479G05	Nucleus
R 64	0611024A71		U101	5183548N19	
R 65	0611024A71		U102	5183977 <b>M</b> 45	Prescaler
R 66	0611024A65				
R101	0602438B15	150 0.5W	V 1 1 1	4882256C15	$\frac{\text{ZENER DIODE:}}{5 \text{ IV } 57}$ (SEE NOTE)
R102	0611024A25	100	+ULAI	4002230613	J+14 JA
R103	0611024A73	10k			CRYSTAL: (SEE NOTE)
R104	0611024A24	100	¥ 51	9180082 102	Filter (matched pair, Y51A/B)
R105	0611024A73		¥ 52	4805488G03	20.945MHz   Replace with part as
R106	0611024A01	10	or	4805488G04	21.855MHz   originally supplied
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	2680138J01	NON-REFERENCED ITEMS: Shield
	2680182H01	RF shield
	2680153J01 2680210K01	Coil shield, 3 used Coil shield
	2000210801	Soll Bulelu
GLE615	66A RF Board,	12.5kH#
(Tx: 4	20-433MHz; B	x: 438-450MHz) 2 ppm
SYMBOL	PART NO.	DESCRIPTION
		<u>CAPACITOR, fixed:</u> pf 5% 50V unless otherwise stated
C 1 C 2	2111031A11	6.8 0.25pF
C 2 C 3	2111031A35 2111031A35	
C 5	2111031A35	68
C 7 C 8	2111031A09 2111031A15	4.7 0.25pF
C 9	2111031A08	3.9 0.25 pF
C 10	2111032A21	0.01uF 10% 0.001uF 10%
C 12 C 51	2111032A09 2111031A31	0.001uF 10% 47
C 52	2111031A13	8.2 0.25pF
C 54 C 56	2111031A19 2111031A15	15
C 57	2111031A13	
C 58	2111031A21	0.01uF 10%
C 59 C 60	2384538G05 2111031A31	0.luF 20% 15V
C 61	2111031A31 2111031A23	
C 62	2111031A31	
C 63 C 64	2111031A59 2111031A15	
C 65	2111032B15	0.22uF +80-20%
C 66	2111032A21	0.01uF 10%
C 67 C 68	2111032B15 2111032B15	0.22uF +80-20%
C 69	2384538G05	0.22uF +80-20% 10uF 20% 15V
C 70 C 71	2311048B13	10uF 20% 16V
C 72-	2311048в06	2.20F 20%
		0.22uF +80-20%
C 75 C 76	2111032A13 2111032B15	0.0022uF 10% 0.22uF +80-20%
C 77	2111032B15	0.22uF +80-20%
C 78	2111032A13	0.0022uF 10%
C 79 C 80	2111032B15 2311048B13	0.22uF +80-20% 10uF 20% 16V
C 81	0811051A05	0.0047uF 63V
C 82 C 83	0811044A34	0.018uF 63V
C 85 C101	0811051A01 2311048B13	0.001uF 63V 10uF 20% 16V
C102	0811051A13	0.1uF 63V
C103 C104	2111032A21 2311048B13	0.01uF 10% 10uF 20% 16V
C105	2111032A21	0.01uF 10%
C106	2111031A19	15
C108 C109	2111032B13 0811051A13	0.luF +80-20% 0.luF 63V
C110	2111032B13	0.luF +80-20%
C111 C112	2302057B02 0811051A07	luF 20% 35V
C112	2111032A18	0.luF 63V 0.0056uF 10
C114	2111031A35	68
C115 C116	2111032A21 2311048B13	0.01uF 10% 50V 10uF 20% 16V
C117-	2311040813	1047 202 100
C119	2111031A35	68
C120 C121	2111031A39 2111031A10	100 5.6 0.25pF
C122-		- •
C125	2111031A35	68 0.01
C126 C127	2111032A21 2111032A21	0.01uF 10% 0.01uF 10%
C159	2111031 <u>A</u> 23	22
C1 <b>6</b> 0 C162	2111031A19 2111032A09	15 0 001.07
C163	2111032A09 2111032A21	0.001uF 10% 0.01uF 10%
C201	2002473M01	2.5-10 variable
C2O2 C2O3	2111031A13 2111031A07	8.2 0.25pF 3.3 0.25pF
C204	2111031A01	1 0.25pF

C205	2111031A1	5 10
C206	2111031A11	6.8 0.25pF
C207	2111031A10	
0⁄208 C209-	2111031A07	3.3 0.25pF
C211	2111031A35	68
C212	2111031A01	
C213	2111031A01	1.0 0.25pF
C214	2111031A35	
C215 C216	2111031A35 2111031A11	
C217-		0.8 0.2)pr
C219	2111031A35	68
C221	2002473M01	
C222 C223	2111031A15 2111031A03	-
C224	2111031A03	
C225	2111031A01	1.0 0.25pF
C226	2111031A09	<b>-</b>
C227 C228	2111031A01 2111031A17	
C229	2111031A10	
C230	2111031A05	10
C231	2111031A10	
C232	2111031A35	
C233 C234	2111031A35 2111031A03	
C236	2111031A35	68
C237	2111031A35	
C238	2111031A35	68
C239 C240	2111031A10 2111032A21	5.6 0.25pF 0.01uF 10%
C241	2111031A35	68
C242	2111031A35	68
C243	2111032A27	0.033uF 10%
C244- C246	2111021425	60
C240	2111031A35 2111031A05	68 2.2 0.25pF
C248	2384538G31	0.56uF 10% 35V
C249	2111032A09	0.001uF 10%
C250	2111031A35	68
C251 C252	2111032A21 2311048B19	0.01uF 10% 47uF 20% 16V
C253	2311048B19	47uF 20% 16V 47uF 20% 16V
C254	2111032A21	
C255	2111031A05	2.2 0.25pF
C256 C257	2111031A01 2111031A28	1.0 0.25pF 36
C258	2111031A01	
C301	2311048B05	
C302	0811051A17	0.47uF 63V
C303- C312	2111031A21	10
C313	2111031A21 2111031A35	
		CHANNEL ELEMENT:
CE151	KXN1123A	Reference oscillator (14.4MHz)
		DIODE: (SEE NOTE)
CR 51	4883654H01	Silicon
CR 52	4883654H01	Silicon
CR101 CR102	4883654H01 4883654H01	Silicon
CR201	4802081B35	Silicon Silicon varactor
CR202	4802081B35	Silicon varactor
CR203	4884616A01	Hot carrier
CR204	4802081B35	Silicon varactor
CR205 CR206	4802081B35 4802081B35	Silicon varactor Silicon varactor
CR207		Hot carrier
ला 1	0100001-01	HELICAL FILTER:
FL1 FL2	9180081J01 9180081J02	2-cell 3-cell
FL3	9180081J03	3-cell
<b>D1 6 1</b>	010000700/	CERAMIC FILTER:
FL51 FL52	9180097D04 9180098D04	455 kHz 6-pole 455 kHz 4-pole
	2200000004	KIL2 4- POTE
		CONNECTOR:
J 1	0980168K01	Coaxial
J2 J3	0980168K01 0980179H01	Coaxial 11-pin socket
5 5	5760179801	II pin socket

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		and the second se			
		COIL:	R108	0611024 <u>A</u> 2	25 100
L 1 L 2	2411030B(	5 2.5 turns (green)	R109		
L 2 L 3	2411030 B	7 3.5 turns (white) 8 0.29uH (yellow)	R110		9 390
т. 4	2411030 24	1 1 5 Augurn (Luiser)	R111		9 150
L 5	248272382	8 0.29uH (vellow)	R112 R113		
	240023300	1 1.5 turns (brown) 8 0.29uH (yellow) 1 17.75 turns (orange)	R115 R116	0611024A6 0611024A5	
L 52	2482835GU	3 2.6uH (red-blue-gold)	R110 R117	061102445	9 9 7tr
L 53	2482835G0	3 2.6uH (red-blue-gold)	R118	0611024A7	
L 54 L 55	248000080	1 Quad detector, with capacitor		0611024A7	
L101	2402723H3 2411030B0	5 23uH (red) 8 4.5 turns (brown)	R120	0611024A3	
L102	248272382	8 0.29uH (yellow)	R121	0611024A1	
L152	2482723H3	7 6.2uH (blue)	R122 R123	0611024A5	
L201	2480117K0	2 Coil	R125	0611024 <u>A2</u> 0611024 <u>A</u> 4	
L202	2411030B1	0 5.5 turns (red)	R125	0611024A5	
L203- L206	•		R126	0611024A6	
L200 L207	2462/23H2 2411030B0	8 0.29uH (yellow) 5 2.5 turns (green)	R127	0611024A4	
L208	241103080	8 4.5 turns (green)	R163	1805500L0	
L209	2482723H2	B 0.29uH (yellow)	R164	0611024A8	
L210	2480117KO	3 Coil	R201 R202	0611024A19	
L211	2411030B1	2 7.5 turns (yellow)	R203	0611024A2 0611024A7	
L212-			R204	0611024A2	
L215 L216	2482723H2	3 0.29uH (yellow)	R205	0611024A61	
L210	2411030800	5 2.5 turns 3 0.29uH (yellow)	R206	0611024A77	7 15k
1218	2411030 BO	3 4.5 turns (brown)	R207	0611024A73	
		, 413 Carlis (Drown)	R208	0611024A79	
		TRANSISTOR: (SEE NOTE)	R209 R210	0611024A73 0611024A57	
Q 1	4800869990	) M9990	R210 R211	0611024A35	
Q 2	4811043B12	FET M3B12 (alt: M9839)		0611024A43	
Q 51 Q 52	4811043812	FET M3B12 (alt: M9839)	R213	0611024A01	10
Q 53	4802081830	MIB30 (alt: M95/1)	R214	0611024A21	68
Q 54	4802081B30	M1B30 (alt: M1B10)	`R215	0611024A35	
Q101	4802081B31	FET M3B12 (alt: M9839) FET M3B12 (alt: M9839) M1B30 (alt: M9571) M1B30 (alt: M1B10) M1B31 (alt: M1B10) M1B31 (alt: M1B11) M9987 M9987 M1B31 (alt: M1B11) M1B30 (alt: M1B10) M3B19 (alt: M1B11) M3B19 (alt: M9658)	R216 R217	0611024A21	
Q102	4800869987	M9987	R219	0611024A01 0611024A35	
Q103	4800869987	M9987	R220	0611024A07	
Q104	4802081B31	M1B31 (alt: M1B11)	R221	0611024A35	
Q105 Q107	4802081830	M1B30 (alt: M1B10)	R222	0611024A97	
Q201	4011043B19 4811043B12	MJBIY (alt: M9658) WET M3B12 (-15, M0820)	R223	0611024A73	
Q202	4802081B31	FEI MJBIZ (AIC: M9839) M1R31 (alt: M1R11)	R224	0611024A73	
Q203	4811043B19	M3B19 (alt: M9658)	R225	0611024A19	
Q204	4800869990	M9990	R226 R227	0611024A77 0611024A73	
Q205	4884939036	FET M9C36	R228	0611024A73	
Q206	4802081B31	M1B31 (alt: M1B11)	R229	0611024A65	
Q207 Q208	4811043B19		R230	0611024A57	
Q209	4802081830	M3B16 (alt: M9932) M1B30 (alt: M1B10)	R231	0611024A35	270
Q251	4802081B30	M1B30 (alt: M1B10)	R232	0611024A43	
-			R233 R234	0611024A21	
		RESISTOR: fixed 5% 1/8W	R235	0611024A35 0611024A21	
		unless otherwise stated	R238	0611024A35	
R 1 R 2	0611024A47		R239	0611024A07	
R 3	0611024A63 0611024A19	. 3.9k	R240	0611024A35	270
R 4	0611024A19	120	R241	0611024A49	
R 5	0611024A19		R242 R243	0611024A15	
R 6	0611024A27	120	R251	0611024A15 0611024A35	39 2701-
R 7	0611024A43		R252	0611024A01	
R 8	0611024A93		R301	0611024A81	
R 51 R 53	0611024A55		R302	1805500L08	
R 54	0611024 <u>A2</u> 9 0611024 <u>A4</u> 1		R303	0611024A35	
R 55	0611024A49		R304	0611024A01	
R 56	0611024 B20	820k	R305 R306	1805500108	
R 57	0611024 <b>B</b> 06		R308	0611024A01 0611024A57	
R 58	0611024B02		R308-	~~IU24A3/	2 •2k
R 59		22k variable	R310	0611024A65	4.7k
R 60 R 61	0611024A93				
R 61	0611024A95 0611024A43				INTEGRATED CIRCUIT: (SEE NOTE)
R 63-	0011024843		U 51	5105479G05	Nucleus
R 65	0611024A71	8.2k	U101 U102	5183548N19	Divider
R 66	0611024 <b>A6</b> 5	4.7k	0102	5183977 <b>M</b> 45	rtescaler
R101	0602438B15	150 0.5W			ZENER DIODE: (SEE NOTE)
R102 R103	0611024A25		VR101	4882256C15	5.1V 5%
R103 R104	0611024A73 0611024A24				
R105	0611024A73		** **	0100	CRYSTAL: (SEE NOTE)
R106	0611024A01	10	¥ 51	9180082J02	Filter (matched pair, Y51A/B)
R107	0611024A77	15k	¥ 52	4805488G03 4805488G04	
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	2680138J0	<u>NON-REFERENCED ITEMS:</u> L Shield	C206 C207		6.8 0.25pF 5.6 0.25pF	
	2680182H01	RF shield	C208	2111031A11	6.8 0.25pF	
	2680153J01	RF shield Coil shield, 3 used Coil shield	C209-		010 0125pr	
	2680210K01	l Coil shield	C211	2111031A35	68	
			C212	2111031A07	3.3 0.25pF	
GLR615	7A RF Board,		C214	2111031A35		
(Tx: 4	38-450 MRI* • 1	ar: 420-4331Hz) 2 ppm	C215	2111031A35		
(	50 4501 <b>111</b> , 1	ax: 420 455Hitz) 2 ppm	C216 C217-	2111031A11	6.8 0.25pF	
SYMBOL	PART NO.	DESCRIPTION	C217-	2111031A35	68	
			C221		2.5-10 variable	
		CAPACITOR, fixed: pf 5% 50V	C222	2111031A10	5.6 0.25 pF	
		unless otherwise stated	C223	2111031A03	1.5 0.25pF	
C 1 C 2	2111031A13		C224		2.2 0.25pF	
C 3	2111031A35 2111031A35		C225	2111031A01	1.0 0.25pF	
C 5	2111031A35		C226 C227	2111031A09	4.7 0.25pF 1.0 0.25pF	
C 8		0.001uF 10%	C228	2111031A01 2111031A17		
C 9	2111031A08	3.9 0.25pF	C229		4.7 0.25pF	
C 10	2111032A21	0.01uF 10%	C230	2111031A10	5.6 0.25pF	
C 12		0.001uF 10%	C231	2111031A08	3.9 0.25pF	
C 51 C 52	2111031A31		C232	2111031A35		
C 54	2111031A13 2111031A19	8.2 0.25pF	C233	2111031A35		
C 56	2111031A15		C234 C235	2111031A01	1.0 0.25pF 1.5 0.25pF	
C 57		0.01uF 10%	C235	2111031A35		
C 58	2111031A21	0.01uF 10%	C237	2111031A35		
C 59	2384538G05	0.luF 20% 15V	C238	2111031A35	68	
C 60	2111031A31		C239	2111031A08	3.9 0.25pF	
C 61 C 62	2111031A23 2111031A31		C240		0.01uF 10%	
C 63	2111031A51 2111031A59		C241	2111031A35		
C 64	2111031A15		C242 C243	2111031A35		
C 65		0.22uF +80-20%	C243	2111032A27 2111031A35	0.033uF 10%	
C 66	2111032A21	0.01uF 10%	C245	2111031A35		
C 67	2111032B15	0.22uF +80-20%	C246	2111031A35	68	
C 68	2111032B15	0.22uF +80-20%	C247	2111031A05	2.2 0.25pF	
C 69 C 70	2384538G05	10uF 20% 15V 10uF 20% 16V	C248		0.56uF 10% 35V	
C 70 C 71	2311048B13 2311048B06	2.2uF 20%	C249		0.001uF 10%	
C 72-	2311040200	2.2uf 20%	C250 C251	2111031A35	68 0.01uF 10%	
C 74	2111032B15	0.22uF +80-20%	C252		47uF 20% 16V	
C 75	2111032A13	0.0022uF 10%	C253		47uF 20% 16V	
C 76		0.22uF +80-20%	C254	2111032A21	0.1uF 10%	
C 77 C 78		0.22uF +80-20%	C255	2111031A05	2.2 0.25pF	
C 78		0.0022uF 10% 0.22uF +80-20%	C256	2111031A01	1.0 0.25pF	
C 80		10uF 20% 16V	C257 C258	2111031A28		
C 81		0.0047uF 63V	C301	2111031A01 2311048B05	1.0 0.25pF	
C 82	0811044A34	0.018uF 63V	C302	0811051A17		
C 83	0811051A01	0.001uF 63V	C303~			
C101	2311048B13	10uF 20% 16V	C312	2111031A21	18	
C102 C103	0811051A13	0.luF 63V 0.0luF 10%	C313	2111031A35	68	
C105	2311048B13	10uF 20% 16V				
C105		0.01uF 10%	CE151	KXN1123A	CHANNEL ELEMENT: Reference oscillator (14	( )
C106	2111031A19	15		MULTZJA	Reference Oscillator (14	4.4 <i>m</i> nz <i>)</i>
C108	2111032B13	0.luF +80-20%			DIODE: (SEE NOTE)	
C109	0811051A13	0.luF 63V	CR 51	4883654H01	Silicon	
C110 C111		0.luF +80-20%	CR 52	4883654H01		
C112	0811051A07	1uF 20% 35V	CR101	4883654H01		
C113		0.0056uF 10	CR102 CR201		Silicon	
C114	2111031A35		CR201 CR202	4602061835	Silicon varactor Silicon varactor	
C115	2111032A21	0.01uF 10% 50V	CR203		Hot carrier	
C116	2311048B13	10uF 20% 16V	CR204	4802081B35	Silicon varactor	
C117-			CR205	4802081B35	Silicon varactor	
C119	2111031A35		CR206	4802081B35	Silicon varactor	
C120 C121	2111031A39	5.6 0.25pF	CR207	4884616A01	Hot carrier	
C122-	ZITIOJIKIU	5.0 0.25pr				
C125	2111031A35	68	FL1	9180081J04	HELICAL FILTER:	
C126	2111032A21	0.01uF 10%	FL2	9180081J04		
C127	2111032A21	0.01uF 10%	FL3	9180081J06		
C159	2111031A23					
C160	2111031A19				CERAMIC FILTER:	
C162 C163		0.001uF 10% 0.01uF 10%	FL51	9180097D04	455 kHz 6-pole	
C201		2.5-10 variable	FL52	9180098D04	455 kHz 4-pole	
C202	2111031A08				CONNECTOR:	
C203	2111031A07	3.3 0.25pF	J 1	0980168K01		
C204	2111031A01	1.0 0.25pF	J 2	0980168K01	Coaxial	
C205	2111031A13	8.2 0.25pF	J 3		11-pin socket	

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		COIL:	R106	0611024A0	1 10
L 1 L 2	2411030B0		R107	0611024A7	7 15k
L Z L 3		3 4.5 turns (brown) 3 0.29uH (yellow)	. R108		
L 4		1.5 turns (red)	R109 R110		
l 5	2482723H28	3 0.29uH (yellow)	R110 R111		
L 51	2480299D01	17.75 turns (orange)	R112		
L 52	2482835G03	2.6uH (red-blue-gold)	R113	0611024A6	
L 53 L 54	2482835603	2.6uH (red-blue-gold) Quad detector, with capacitor	R116		
L 55	2482723H35	23uH (red)	R117 R118		
L101	2411030B08	4.5 turns (brown)	R118 R119	0611024A73 0611024A77	
L102	2482723H28	0.29uH (yellow)	R120		-
L152		6.2uH (blue)	R121	0611024A19	
L201 L202	2480117K03	6.5 turns (orange)	R122	0611024A59	
L203	· 2482723H28	0.29uH (yellow)	R123 R124	0611024A25	
L204	2482723H28	0.29uH (yellow)	R124 R125	0611024A49 0611024A53	
L205	2482723H28	0.29uH (yellow)	R126	0611024A63	
L206	2482723H28	0.29uH (yellow)	R127	0611024A47	
L207 L208	2411030805	2.5 turns (green)	R163	1805500108	22k variable 20%
L208 L209	2411030808	4.5 turns (brown) 0.29uH (yellow)	R164	0611024A81	
L210	2480117K02		R201 R202	0611024A19	• •
L211		7.5 turns (yellow)	R202	0611024A25 0611024A73	
L212-			R204	0611024A21	
L215	2482723H28	0.29uH (yellow)	R205	0611024A61	
L216		2.5 turns	R206	0611024A77	15k
L217 L218	2482723H28	0.29uH (yellow) 4.5 turns (brown)	R207	0611024A73	
0210	2411050600	4.5 Curns (Brown)	R208 R209	0611024A79	
		TRANSISTOR: (SEE NOTE)	R210	0611024A73 0611024A57	
Q 1	4800869990	M9990	R211	0611024A35	
Q 2	4811043B12	FET M3B12 (alt: M9839)	R212	0611024A43	
Q 51	4811043B12	FET M3B12 (alt: M9839)	R213	0611024A01	10
Q 52 Q 53	4011043803	M3BO3 (alt: M9571) M1B30 (alt: M1B10)	R214	0611024A21	
Q 54	4802081B30	M1B30 (alt: M1B10)	R215 R216	0611024A35	
Q101	4802081B31	M1B31 (alt: M1B11)	R210	0611024A21 0611024A01	
Q102	4800869987		R219	0611024A01	
Q103	4800869987		R220	0611024A07	
Q104		M1B31 (alt: M1B11)	R221	0611024A35	
Q105 Q107		M1B30 (alt: M1B10)	R222	0611024A97	
Q201	4811043B19 4811043B12	M3B19 (alt: M9658) FET M3B12 (alt: M9839)	R223	0611024A73	
Q202	4802081B31	M1B31 (alt: M1B11)	R224 R225	0611024A73 0611024A19	
Q203	4811043B19	M3B19 (alt: M9658)	R226	0611024A77	
Q204	4800869990	M9990	R227	0611024A73	
Q205 Q206	4884939036	FET M9C36	R228	0611024A21	
Q208 Q207	4802081831 4811043810	M1B31 (alt: M1B11) M3B19 (alt: M9658)	R229	0611024A65	4 <b>.</b> 7k
Q208	4811043B16	M3B16 (alt: M9932)	R230 R231	0611024A57	
Q209	4802081B30	M1B30 (alt: M1B10)	R231 R232	0611024A35 0611024A43	
Q251	4802081B30	M1B30 (alt; M1B10)	R233	0611024A43	
			R234	0611024A35	
R 1	061100/ 4/7	RESISTOR, fixed: 5% 1/8W	R235	0611024A21	68
R 2	0611024A47 0611024A63		R239	0611024B23	
R 3	0611024A03		R241	0611024A49	1k
R 4	0611024A27		R242 R243	0611024A15 0611024A15	
R 5	0611024A19	56	R251	0611024A15	
R 6	0611024A27		R252	0611024A01	
R 7 R 8	0611024A43		R301	0611024 <b>A</b> 89	
R 51	0611024A93 0611024A55		R302	1805500108	
R 53	0611024A29	•	R303 R304	0611024A41	
R 54	0611024A41		R304	0611024A01 1805500L08	
R 55	0611024A49		R306		10
R 56	0611024B20		R307	0611024A55	
R 57	0611024B06		R308-		
R 58 R 59	0611024B02 1805500L08		R310	0611024A65	4 <b>.</b> 7k
R 60	0611024A93				
R 61	0611024A95	82k	U 51	5105479G05	INTEGRATED CIRCUIT: (SEE NOTE) Nucleus
R 62	0611024A43	560	U101	5183548N19	Nucleus Divider
R 63	0611024A71	8.2k	U102	5183977M45	Prescaler
R 64	0611024A71	_			`
R 65 R 66	0611024A71 0611024A65				ZENER DIODE: (SEE NOTE)
R101	0602438B15		VR101	4882256C15	5.1V 5X
R102	0611024A25			v.*	ODV CTAT . (CEP MOME)
R103	0611024A73	10k	¥ 51 <sup>·</sup>	9180082.102	CRYSTAL: (SEE NOTE) Filter (matched pair, Y51A/B)
R104	0611024A24	100	¥ 52	4805488G03	20.945MHz   Replace with part as
R105	0611024A73	10k	or	4805488G04	21.855MHz   originally supplied
					- /

		NON-REFERENCED	ITEMS:		C302	0811051A17	0.47 63V
	2680138J01				C303-		000
		RF shield			C312	2111031A21	18pF
	2680153J01	. Coil shield, 3	used		C313	2111031A35	
		Coil shield			0515		oopr
	_						DIODE: (SEE NOTE)
					CR101	4883654H01	
GLE61	74A Transmitt	er RF Board 403-4	33MHz 2mm		CR102	4883654H01	
GLE61	76A Transmitt	er RF Board 438-4			CR102		Silicon
			A CANTE TABLE				
SYMBO	L PART NO.	DESCRIPTION			CR206	4802081B35	
		DEDURITION			CR207	4884016A01	Hot carrier
		CAPACITOR, fixe	4				
		unless otherwis			•1		CONNECTOR:
C80	2311048B13	10 20% 16V	e blateu		J1	0980168K01	Female single contact
C101		10 20% 16V			J2	0980168K01	Female single contact
C102	0811051A13				J3	0980179H01	Female 6-contact
C103		0.01 10%					
C104		10 20% 16V					COIL, RF:
C105	2111032A21				L101	2411030B08	
C106	2111031A19				L102	2482723H28	
C107	21110JIRI)	0.1			L152	2482723H37	
C108	2111032813	0.01 +80-20%			L210	2480117к03	
C109	0811051A13				or		Choke 20nH (GLE6176A)
C110		0.1 +80-20%			L211	2411030B12	7.5 turns (yellow)
C111		1.0 20% 35V			L212-		
C112	0811051A07				L215	2482723H28	
C113		0.0022 10%			L216	2411030B06	
C114	2111032A15				or	2411030B05	
C115	2111031A35	0 01 10%			L217	2482723H28	
C116	2211031AZ1				L218	2411030B08	4.5 turns (brown)
C116 C117-	2311040BL3	10 20% 16V					
C117-	2111021425	(0- <b>7</b>					TRANSISTOR: (SEE NOTE)
C119 C120	2111031A35	•			Q101	4802081B31	M1B31 (alt: M1B11)
	2111031A39				Q102	4800869987	M9987
C121	2111031A10	5.6pF 0.5%			Q103	4800869987	
C122-		<i></i>			Q104	4802081B31	
C125	2111031A35				Q105	4802081B30	M1B30 (alt: M1B10)
C126	2111031A21				Q107	4811043B19	
C127	2111031A21				Q205	4805128M66	
C159	2111031A23				Q206	4802081B31	
C160	2111031A19				Q207	4811043B19	
C162	2111032A09				Q208	4811043B19	
C163	2111032A21				Q251	4802081B30	
C221	2002473MD1	3-10pF variable					······································
C222	2111031A05	2.2pF 0.25pF	(GLE6174A)				RESISTOR: fixed 5% 1/8 W
or		5.6pF 0.5%	(GLE6176A)				unless otherwise stated
C223		1.5pF 0.25pF			R101	0602369M27	150 0.6W
C224		1.5pF 0.25pF	(GLE6174A)		R102	0611024A25	100
or	2111031A05		(GLE6176A)		R103	0611024A73	10k
C225	2111031A01	1.0pF 0.25pF			R104	0611024A25	
C226	2111031A09	4.7pF 0.25pF			R105	0611024A73	
C227		1pF 0.25pF			R106	0611024A01	
C228	2111031A17				R107	0611024A77	
C229	2111031A10	5.6pF 0.5%	(GLE6174A)		R108	0611024A25	
or	2111031A09	4.7pF 0.25pF	(GLE6176A)		R109	0611024 <u>A</u> 29	
C230	2111031A11	6.8pF 0.5%	(GLE6174A)		R110	0611024A39	
or	2111031A10	5.6pF 0.5%	(GLE6176A)		R111	0611024A29	
C231	2111031A10	5.6pF 0.5%	(GLE6174A)		R112	0611024A53	
or	2111031A08	3.9pF 0.25pF	(GLE6176A)		R113	0611024A67	
C232	2111031A35	68pF			R116	0611024A53	
C233	2111031A35				R117	0611024A59	
C234	2111031A03	1.5pF 0.25pF	(GLE6174A)		R118	0611024A73	
or	2111031A01	1.0pF 0.25pF	(GLE6176A)		R119	0611024A77	15k
C236-					R120	0611024A33	
C238	2111031A35				R121	0611024A19	
C239	2111031A10	5.6pF 0.5%	(GLE6174A)		R122	0611024A59	
or	2111031A08	3.9pF 0.25pF	(GLE6176A)		R123	0611024A25	
C240	2111032A21	0.01 10%			R124	0611024A49	
C241	2111031A35	68pF	,		R125	0611024A53	
C242	2111031A35	68pF			R126	0611024A63	
C243	2111032A27	0.033uF 10%			R127	0611024A47	
C244-				•	R163		variable 22k 20%
C246	2111031A35				R164	0611024A81	
C247	2111031A05	2.2pF 0.25pF			R209	0611024A73	
C249	2111032A09	0.001 10%		۰.	R222	0611024A97	
C250	2111031A35	68pF			R223	0611024A73	
C251	2111032 <u>A21</u>	0.01 10%			R224	0611024A73	
C252	2311048B19	47 20% 16V		•	R225	0611024A19	
C253	2311048B19	47 20% 16V			R226	0611024A25	
C254	211103 <b>2A</b> 21	0.01 10%			R227	0611024A73	
C256		1.0pF 0.25pF		•	R228	0611024A21	
C257	21110 <b>31A2</b> 8	26pF			R229	0611024A65	
C258	2111031A01	1.0pF 0.25pF			R230	0611024A57	
C301	231104 <b>8</b> B05	luF 20%			R231	0611024A35	

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	<b>D000</b>	061100/1/0	5/0			
	R232 R233	0611024A43 0611024A21		C223	2111031A03	1.5pF 0.25pF
	R234	0611024A35		C224 or	2111031A03	1.5pF 0.25pF (GLE6175A) 2.2pF 0.25pF (GLE6177A)
	R235	0611024A21		C225	2111031401	1.0pF 0.25pF
	R2 39	0611024B23		C226		4.7pF 0.25pF
	R241	0611024A49	1k	C227		1pF 0.25pF
	R243	0611024A15	-	C228	2111031A17	12pF
	R251	0611024A35		C229		5.6pF 0.5% (GLE6175A)
	R252	0611024A01		or		4.7pF 0.25pF (GLE6177A)
	R301 or	0611024A71		C230	2111031A11	6.8pF 0.5% (GLE6175A)
	R302	0611024 <b>A</b> 85	33k (GLE6176A) variable, 22k 20%	or C231	2111031A10	5.6pF 0.5% (GLE6177A)
	R303	0611024A33		or	2111031A10	5.6pF 0.5% (GLE6175A) 3.9pF 0.25pF (GLE6177A)
	R304	0611024A01	10 variable, 22k 20% 10 2.2k	C232	2111031A35	
	R305	1805500L08	variable, 22k 20%	C233	2111031A35	
	R306	0611024A01	10	C234		1.5pF 0.25pF (GLE6175A)
	R307	0611024A57	2.2k	or		1.0pF 0.25pF (GLE6177A)
	R308-	0(1100/1/5	/ <del></del>	C236-		
¥	R310	0611024A65	4./k	C238	2111031A35	
			INTEGRATED CIRCUIT: (SEE NOTE)	C239 or	2111031A10	5.6pF 0.5% (GLE6175A) 3.9pF 0.25pF (GLE6177A)
	U101	5183548N19	Synthesizer	C240	2111031A08 2111032A21	
	U102	5183977M45	•	C241	2111031A35	
				C242	2111031A35	
			ZENER DIODE: (SEE NOTE)	C243		0.033uF 10%
	VR101	4882256C15		C244-		
			CRYSTAL: (SEE NOTE) Channel element	C246	2111031A35	
	¥151	KXN1123A	CKISTAL: (SKE NOTE)	C247		2.2pF 0.25pF
	1131	ACTIN	Giainel element	C249 C250	2111032A09 2111031A35	
			NON-REFERENCED ITEMS: SHIELD, coil, 2 used SHIELD, rf	C250 C251	2111031A35 2111032A21	•
		2680153J02	SHIELD, coil. 2 used	C252		47 20% 16V
		2680182H01	SHIELD, rf	C253		47 20% 16V
		6680329A63	TOOL, align	C254	2111032A21	0.01 10%
				C256	2111031A01	1.0pF 0.25pF
	or n/175/	<b>.</b>		C257	2111031A28	
	GLB01/3#	Transmitte	r RF Board 403-433MHz 5ppm r RF Board 438-470MHz 5ppm	C258		1.0pF 0.25pF
	GLEUI//	. IIGUDMILLE	r Ar Board 430-470Mmz Sppm	C301 C302	2311048B05 0811051A17	
	SYMBOL	PART NO.	DESCRIPTION	C302-	USTICJIAT/	0.47 034
-				C312	2111031A21	18pF
-			CAPACITOR: fixed uF 50V	C313	2111031A35	
			unless otherwise stated			· .
-	C 80	2311048B13				DIODE: (SEE NOTE)
		2311048B13 0811051A13		CR101 CR102	4883654H01 4883654H01	
		2111032A21		CR102 CR151	4883634H01 4882190H54	
	C104	2311048B13		CR152	4882190H54	
	C105	2111032A21		CR153	4884399M01	
		2111031A19		CR154	4884399M01	
		0811051A13		CR204-		
			0.01 +80-20%	CR206		Silicon (varactor)
		0811051A13	0.1 +80-20%	CR207	4884616A01	Hot carrier
			1.0 20% 35V			CONNECTOR:
		0811051A07	0.01 63V	J1. J2	0980168K01	Female single contact
	C113	2111032A13	0.0022 10%	J3		Female 6-contact
	C114	2111031A35	68pF			
	C115	2111031A21	0.01 10%			COIL, RF:
		2311048B13	10 20% 16V	L101	2411030B08	4.5 turns (brown)
	C117- C119	2111031A35	68 m	L102		Choke 0.29uH (yellow)
		2111031A39	•	L151 L152		variable 0.8-1.8uH Choke 6.2uH (blue)
		2111031A10		L152 L210		Choke 6.2uH (blue) Choke 35nH (GLE6175A)
	C122-			or		Choke 20nH (GLE6177A)
	C125	2111031A35		L211		7.5 turns (yellow)
	C126	2111031A21		L212		Choke 0.29uH (yellow)
		2111031A21		L212-		·
		2111032A09		L215	2482723H28	Choke 0.29uH (yellow)
		2111031A15 2111032A09		L216	2411030B06	2.5 turns (blue) (GLE6175A)
		2111032A09		or L217		2.5 turns (grn) (GLE6177A) Choke 0.29uH
			0.22 20% 35V	L217 L218		4.5 turns (brown)
_	C156	2111031A45	180 pF			
		2111031A45	•			TRANSISTOR: (SEE NOTE)
		2111032A21		Q101		M1B31 (alt: M1B11)
		2111031A23 2111031A19		Q102	4800869987	
		2111031A19 2111032A21		Q103 Q104	4800869987 4802081831	M9987 M1B31 (alt: M1B11)
		2111032A09		Q104 Q105		MIB31 (alt: MIB11) MIB30 (alt: MIB10)
		2111032A21		Q105 Q107		M3B19 (alt: M9658)
	C221	2002473M01	variable, 3-10pF	Q151	4802 <b>0</b> 81B30	M1B30 (alt: M1B10)
	C222	2111031A05	2.2pF 0.25pF (GLE6175A)	Q152	4802081B31	M1B31 (alt: M1B11)
•	or	2111031A10	5.6pF 0.5% (GLE6177A)	Q205		FET M8M66 (alt: M1B38)
						6-49
			<u></u>			0-49

Q206	5 4802081B	31 M1B31 (alt: M1B11)			
Q207	7 4811043B	19 M3B19 (alt: M9658)	¥151	4802443B2	CRYSTAL: (SEE NOTE)
Q208	4811043B	19 M3B19 (alt: M9658)		400244582	14.4 <b>M</b> 1Z
Q251	48020818	30 M1B30 (alt: M1B10)			NON-REFERENCED ITEMS:
		RESISTOR: fixed 5% 1/8 W unless otherwise stated 27 150 0.6W 25 100		2680153J0	2 SHIELD, coil, 2 used
		RESISTOR: fixed 5% 1/8 W		2680182H0	l SHIELD, rf
R101	0602369M	7 150 0 KW		6680329A6	3 TOOL, align
R102		25 100			
R103	0611024A7	73 10k			
R104	0611024A2		GLE6	178A Power Am	plifier 10W 403-433MHz
R105	0611024A7		(31) (a)		
R106	0611024A0		SIMBO	DL PART NO.	DESCRIPTION
R107		7 15k			
R108					CAPACITOR: fixed pF 5% 50V
R109		9 150	C1510	011100140	(chip) unless otherwise stated
R110		9 390	C1511		
R111		9 150	C1512		
R112		3 1.5k	C1513		
R113		7 5.6k	C1514		
R116	0611024A5	3 1.5k	C1516		
R117	0611024A5	9 2.7k	C1517		
R118	0611024A7	3 10k	C1519		
R119	0611024A7		C1520		
R120	0611024A3		C1521		8.2 0.5pF
R121	0611024A1		C1522		68
R122	0611024A5	9 2.7k	C1523	2111031A65	1800
R123	0611024A2		C1524		0.022uF +80-20%
R124 R125	0611024A49		C1525		0.022uF +80-20%
R125	0611024A5	3 1.5k	C1526	2111031A39	100
R120	0611024A63	3.9k	C1530	2111031A31	47
R127	0611024A47		C1532	2111033B28	43
R152	0610621623	237k 1% 0.25W	C1533	2111033B12	
R155	0610621057	6190 1% 0.25W	C1534	2111031A53	
R156	0611021037	4420 1% 0.25W	C1536	2111031A25	
R157	0611024A97 0611024A73		C1537	2111031A28	
R158	0611024A73	10k	C1538	2111033B11	8.2 0.5pF 100V
R159	0611024A73		C1539	2111033 <b>B</b> 37	100 100V
R160	0611024A09		C1544	0811051A17	0.47uF 63V
R161	0611024409		C1545	2111032B15	0.22uF +80-20%
R162	0611024A9		C1546	2111032B15	0.22uF +80-20%
R209	0611024A73		C1550	2111033B12	9.1 0.5pF
R222	0611024A97	IUK	C1551	2180240G15	9.1
R223	0611024A73		C1552	2180240G17	12
R224	0611024A73		C1553	2180240G17	
R225	0611024A19		C1554	2180240G09	5.1
R226	0611024A25	100	C1555	2111033B37	100 100v
R227	0611024A73		C1560	2182450B11	3 500 <b>v</b>
R228	0611024A21		C1561	2111031A17	12
R229	0611024A65	4.7k	C1562	2111031A35	68
R230	0611024A57	2.2k	C1563	2111032B15	0.22uF +80-20%
R231	0611024A35	270	C1570	2111031A09	4.7 0.25pF
R232	0611024A43		C1571	2111033B22	
R233	0611024A21	68	C1572	2111031A35	68
R234	0611024A35	270	C1580	2111031A35	68
R235	0611024A21	68			
R239	0611024 B23	Jumper	CP1540	4888887787	DIODE: (SEE NOTE)
R241	0611024A49	lk	CR1340	4880236E07	Silicon
R243	0611024A15		CR1570	4884616A01 4883510F04	not carrier
R251	0611024A35		CR1571	4883510F04 4883510F04	Silicon Silicon
R252	0611024A01		542571	4000010104	51110011
R301	0611024A85	33k			BEAD:
R302	1805500108	variable, 22k 20%	E1540	7683960 BO1	Ferrite bead 5 turns
R303	0611024A33			,,	contre beau D Eurns
R304 R305	0611024A01	10			CONNECTOR:
R305	1002200108	variable, 22k 20%	J8	0102716 B6 79	Assy coax, includes:
R306	0611024A01	10		0982442101	Female single contact
R307 R308	0611024A57	2.2k		1500483599	Hood, receptacle
R308 R309	0611024A65	4./K		3083794C01	Cable, coaxial
R310	0611024A65	4•/K		4303423A01	Bushing
1010	0611024A65	4./K			
		THE BAT CHAR-			COIL, RF:
RT151	0683600K06	THERMI STOR:	L1510-		
RT152	0683600K06		L1512	2411030E01	Brown
RT152	0683600K06	10k @ 25°C	L1513	2411030A06	7 turns (violet)
	3003000N03	100K @ 23 G	L1514	2480036A01	Ferrite bead, 5 turns
		INTECOATED OF DOUTEN (	L1520	2411030A05	6 turns (blue)
U101	5183548 <b>N</b> 19	INTEGRATED CIRCUIT: (SEE NOTE)	L1521	2480036A01	Ferrite bead, 5 turns
U102	518307714	Synthesizer Dual modules prescaler	L1522	2480036 <u>A01</u>	Ferrite bead, 5 turns
	J/ / []+ J	Juar modules prescaler	L1523	2411030A02	3 turns (orange)
		ZENER DIODE: ( OFF NOT)	L1530	2410030A03	4 turns vellow
VR101	4882256C15	ZENER DIODE: (SEE NOTE)	L1531	2480036A01	Ferrite bead 0.5 turns
		mener 1.14	L1532	2411030A05	green
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L1533	2411030A01	brown		C1620	2111031A35	68pF	
L1534		Ferrite bead 0.5	turn	C1621	2111031D15	10pF 0.5pF	(GLE6179A)
L1540			Lui u				
	2404340802	Choke 0.23uH		or	2111031A10	5.6pF 0.5pF	(GLE6181A)
L1550-				C1623	2111031 <b>A</b> 35	68pF	
L1552	2411030B05	2.5 turns (green)	)	C1624	2111032B01	1000pF +80-20%	
L1553	2411030A02	3 turns (orange)		C1625	2111032B15	0.22 +80-20%	
L1554		10.5 turns (white		C1626	2111032B15	0.22 +80-20%	
L1570		0.29uH (yellow-b)		C1629	2111031A25	27pF	(GLE6179A)
						•	
L1571		2.5 turns (green)		or	2111031A27	33pF	(GLE6181A)
L1572	2482723H40	0.25uH (yellow-b)	lack)	C1630	2111031 <b>A</b> 25	27pF	(GLE6179A)
				or	2111031 <b>A</b> 24	24pF	(GLE6181A)
		CONNECTOR, plug:		C1631	2111031A26	30pF	(GLE6179A)
P1	1582694R03	Housing, recepta	cle	or	2111031A25	27 pF	(GLE6181A)
-		Contact, crimp,		C1632	2111033B27	39pF 100V	(,
P5		Contact, single	4 4864				
			• · ·	C1633	2111031A35	68pF	
P6, P7	3080116K06	Cable, coaxial in	ncludes plug	C1634	2111032B01	1000pF +80-20%	
				C1635	2111032B13	0.1 +80-20%	
		TRANSISTOR: (SEI	E NOTE)	C1636	0811051A17	0.47 63V	
Q1510	4884411L37	M11L37		C1637	2111031A35	68pF	
Q1520	4880225C09			C1638	2111032B01	1000pF +80-20%	
Q1530	4880225C19	M25C19		C1639	2111032B13	0.1 +80-20%	
				C1640	2111033B28	43pF 100V	
		<u>RESISTOR:</u> fixed	5% 1/8W (chip)	C1641	2111033 <b>B</b> 28	43pF 100V	
		unless otherwise	stated	C1642	2111033B27	39pF 100V	(GLE6181A)
R1510	0611024A35	270		C1642	2111033B26	36pF 100V	(GLE6179A)
R1511	0611024A33	220		C1643	2111033B27	39pF 100V	(00001/7/1/
R1512							( ~ ~ ~ ( ) ~ ~ )
	0611024A21			C1644	2180240G38	22pF	(GLE6179A)
R1513	0611024A01	10		or	2180240G35	15pF	(GLE6181A)
R1514	0611024A01	10		C1645	2180240G11	6.2pF	(GLE6179A)
R1521	0611024 <b>A</b> 29	150		or	2182040G13	7.5pF	(GLE6181A)
R1522		150		C1646	2111032B13	0.1 +80-20%	
R1530		10		C1647	2111031A35	68pF	
R1531		10 0.6W		C1648	2111032B01	1000pF +80-20%	
R1534	0611024 <b>A</b> 01	10		C1649	2180240G44	56pF	(GLE6179A)
R1560	0611024A73	10k		or	2180240G27	56pF 250V	(GLE6181A)
R1561	0611024A75	12k		C1651	2180240G17	12pF	(GLE6179A)
R1570	0600126A31	180 IW		or	2180240G16	10pF	(GLE6181A)
		100 10		C1652			(ODDOIOIN)
				-	2109024G18	12pF	
		THERMI STOR:		C1653	2109024G18	12 pF	
RT1580	0683600K05	100k @ 25°C		C1654	2182040G15	9.1pF	(GLE6179A)
				or	2180240G16	10pF	(GLE6181A)
		NON-REFERENCED IT	rems:	C1655	2180240G11	6.2pF	
	0200007003	NUT, 8-32x5/16x18		C1656	2111033B37	100pF 100V	(GLE6179A)
		NUT, $3/8 - 32 \times 1/2 \times 3$					
				C1660	2182450B11	3pF 500V	(GLE6179A)
		SCREW M3x8, 7 use		or	2182450B18		(GLE6181A)
	0302607B02	SCREW M3x6, 3 use	ed	C1661	2111033B10	7.5pF 100V	(GLE6179A)
	0380165J07	SCREW M4x10		or	2111033B11	8.2pF 100V	(GLE6181A)
	0380269H09						
		SCREW M5x0.8. 2 i	18ed	C1662	211103LA37	82 nF	(GLE6179A)
		SCREW M5x0.8, 2 u		C1662	2111031A37	82pF	(GLE6179A)
	0400007691	LOCKWASHER, 3/8"	internal	or	2111031A35	68pF	(GLE6179A) (GLE6181A)
	0400007691 0703432A01	LOCKWASHER, 3/8" BRACKET, connecto	internal or	o <del>r</del> C1670	2111031A35 2111031A08	68pF 3.9pF 0.25pF	(GLE6181A)
	0400007691 0703432A01	LOCKWASHER, 3/8"	internal or	or	2111031A35	68pF 3.9pF 0.25pF	
	0400007691 0703432A01	LOCKWASHER, 3/8" BRACKET, connecto CONNECTOR, feedth	internal or	o <del>r</del> C1670	2111031A35 2111031A08	68pF 3.9pF 0.25pF 20pF 100V	(GLE6181A)
	0400007691 0703432A01 0980038K02 2680092K01	LOCKWASHER, 3/8" BRACKET, connecto CONNECTOR, feedth SHIELD	internal or	o <del>r</del> C1670 C1671 or	2111031A35 2111031A08 2111003B20 2111033B18	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V	(GLE6181A) (GLE6179A) (GLE6181A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08	LOCKWASHER, 3/8" BRACKET, connecto CONNECTOR, feedth SHIELD HEAT SINK	internal or nru	or C1670 C1671 or C1672	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2	internal or nru	o <del>r</del> C1670 C1671 or	2111031A35 2111031A08 2111003B20 2111033B18	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF	(GLE6181A) (GLE6179A) (GLE6181A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01	LOCKWASHER, 3/8" BRACKET, connecto CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA	internal or nru	or C1670 C1671 or C1672	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405R01	LOCKWASHER, 3/8" BRACKET, connecto CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA	internal or nru	or C1670 C1671 or C1672 C1680	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOT)	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405R01 4303423A01	LOCKWASHER, 3/8" BRACKET, connecto CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CULP, PA BUSHING, coax	internal or hru 2 used	or C1670 C1671 or C1672	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405R01 4303423A01	LOCKWASHER, 3/8" BRACKET, connecto CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA	internal or hru 2 used	or C1670 C1671 or C1672 C1680	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 4882036E07	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOT)	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362",	internal or hru 2 used , 2 used	or C1670 C1671 or C1672 C1680 CR1640 CR1660	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 68pF 511icon Hot carrier	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405R01 4303423A01 4210217A02 2680222H01	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper	internal or nru 2 used , 2 used	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 58pF 51licon Hot carrier Silicon	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405R01 4303423A01 4210217A02 2680222H01	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362",	internal or nru 2 used , 2 used	or C1670 C1671 or C1672 C1680 CR1640 CR1660	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 68pF 511icon Hot carrier	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405R01 4303423A01 4210217A02 2680222H01	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper	internal or nru 2 used , 2 used	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOT Silicon Hot carrier Silicon Silicon	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
CT 96 1 70	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic	internal or hru 2 used , 2 used filter	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOTE Silicon Hot carrier Silicon Silicon <u>CORE:</u>	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01	LOCKWASHER, 3/8" BRACKET, connecto CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic	internal or hru 2 used , 2 used filter	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 7683960B01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOTE Silicon Hot carrier Silicon Silicon <u>CORE:</u> Ferrite bead	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic	internal or hru 2 used , 2 used filter	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 7683960B01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOTE Silicon Hot carrier Silicon Silicon <u>CORE:</u>	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01	LOCKWASHER, 3/8" BRACKET, connecto CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic	internal or hru 2 used , 2 used filter	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 7683960B01 7683960B01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOTE Silicon Hot carrier Silicon Silicon <u>CORE:</u> Ferrite bead	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
GLE61814	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01	LOCKWASHER, 3/8" BRACKET, connecto CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic	internal or hru 2 used , 2 used filter	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 7683960B01 7683960B01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOT) Silicon Hot carrier Silicon Silicon <u>CORE:</u> Ferrite bead Ferrite bead	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
GLE61814	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampli	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COUER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic	internal or hru 2 used , 2 used filter	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 7683960B01 7683960B01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 511icon Hot carrier Silicon Silicon CORE: Ferrite bead Ferrite bead Ferrite bead	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
GLE61814	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampli	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CULP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (438-470 DESCRIPTION	internal or hru 2 used , 2 used filter DMHz)	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOT) Silicon Hot carrier Silicon Silicon <u>CORE:</u> Ferrite bead Ferrite bead	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
GLE61814	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampli	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (438-470 DESCRIPTION <u>CAPACITOR:</u> fixed	<pre>internal pr nru 2 used , 2 used filter DMHz) uF 5% 50V</pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601-	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOT: Silicon Hot carrier Silicon Silicon <u>CORE:</u> Ferrite bead Ferrite bead Ferrite bead Ferrite bead	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
GLE61814 SYMBOL	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4282405 R01 420217A02 2680222H01 2680199J01 A Power Ampl: A Power Ampl: PART NO.	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (438-470) DESCRIPTION <u>CAPACITOR:</u> fixed unless otherwise	<pre>internal pr nru 2 used filter DMHz) DMHz) uF 5% 50V stated</pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOT: Silicon Hot carrier Silicon Silicon <u>CORE:</u> Ferrite bead Ferrite bead Ferrite bead Ferrite bead	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
GLE61814	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl PART NO. 2111031A40	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (438-470) DESCRIPTION CAPACITOR: fixed unless otherwise 110pF	<pre>internal pr /pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601-	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOT: Silicon Hot carrier Silicon Silicon <u>CORE:</u> Ferrite bead Ferrite bead Ferrite bead Ferrite bead	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
GLE61814 SYMBOL	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4282405 R01 420217A02 2680222H01 2680199J01 A Power Ampl: A Power Ampl: PART NO.	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (438-470) DESCRIPTION CAPACITOR: fixed unless otherwise 110pF	<pre>internal pr nru 2 used filter DMHz) DMHz) uF 5% 50V stated</pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601-	2111031A35 2111031A08 2111003B20 2111033B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOT: Silicon Hot carrier Silicon Silicon <u>CORE:</u> Ferrite bead Ferrite bead Ferrite bead Ferrite bead	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A)
GLE61814 SYMBOL C1610	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl PART NO. 2111031A40	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (438-470) DESCRIPTION CAPACITOR: fixed unless otherwise 110pF 68pF	<pre>internal pr /pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601-	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01 7683960B01 9187511C01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF <u>DIODE:</u> (SEE NOT) Silicon Hot carrier Silicon Silicon <u>CORE:</u> Ferrite bead Ferrite bead Ferrite bead FILTER: Feed thru <u>CONNECTOR:</u>	(GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6179A) E)
GLE61814 SYMBOL C1610 or C1611	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl PART NO. 2111031A40 2111031A35 2111031A21	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (438-470) DESCRIPTION CAPACITOR: fixed unless otherwise 110pF 68pF 18pF	<pre>internal pr /pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01 7683960B01 9187511C01 0102716B69	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 511con Hot carrier Silicon Silicon CORE: Ferrite bead Ferrite bead Ferrite bead FILTER: Feed thru CONNECTOR: Assy coax, include	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E)
GLE61814 SYMBOL C1610 or C1611 or	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl A Power Ampl PART NO. 2111031A40 2111031A40 2111031A21 2111031A17	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (438-470 DESCRIPTION <u>CAPACITOR:</u> fixed unless otherwise 110pF 68pF 18pF 12pF	<pre>internal pr iru 2 used filter 0MHz) 0HHz) uF 5% 50V stated (GLE6179A) (GLE6181A)</pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01 7683960B01 9187511C01 0102716B69 0982442E01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 68pF 511con Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead FILTER: Feed thru CONNECTOR: Assy coax, include Contact, single	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E)
GLE61814 SYMBOL C1610 or C1611 or C1612	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl: PART NO. 2111031A40 2111031A40 2111031A21 2111031A17 2111031A17	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (438-470) DESCRIPTION <u>CAPACITOR:</u> fixed unless otherwise 110pF 68pF 18pF 12pF 12pF	<pre>internal pr /pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01 7683960B01 9187511C01 0102716B69 0982442E01 1500483599	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 68pF DIODE: (SEE NOT) Silicon Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead FILTER: Feed thru CONNECTOR: Assy coax, incluc Contact, single Hood, receptacle	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E)
GLE61814 SYMBOL C1610 or C1611 or C1612 C1613	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl A Power Ampl PART NO. 2111031A40 2111031A40 2111031A17 2111031A17 2111031A40	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (438-470) DESCRIPTION CAPACITOR: fixed unless otherwise 110pF 68pF 18pF 12pF 12pF 110pF	<pre>internal pr iru 2 used , 2 used filter ) HIz) UF 5% 50V stated (GLE6179A) (GLE6179A) (GLE6179A)</pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01 7683960B01 9187511C01 0102716B69 0982442E01 1500483599 3083794C01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 511icon Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead FILTER: Feed thru CONNECTOR: Assy coax, includ Contact, single Hood, receptacle Cable, coaxial	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E) E)
GLE61814 SYMBOL C1610 or C1611 or C1612	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl PART NO. 2111031A40 2111031A17 2111031A17 2111031A40 2111031A37	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (403-440 ifier 25W (438-470 DESCRIPTION <u>CAPACITOR:</u> fixed unless otherwise 110pF 68pF 18pF 12pF 12pF 12pF 12pF	<pre>internal pr /pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01 7683960B01 9187511C01 0102716B69 0982442E01 1500483599 3083794C01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 68pF DIODE: (SEE NOT) Silicon Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead FILTER: Feed thru CONNECTOR: Assy coax, incluc Contact, single Hood, receptacle	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E) E)
GLE61814 SYMBOL C1610 or C1611 or C1612 C1613	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl A Power Ampl PART NO. 2111031A40 2111031A40 2111031A17 2111031A17 2111031A40	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (403-440 ifier 25W (438-470 DESCRIPTION <u>CAPACITOR:</u> fixed unless otherwise 110pF 68pF 18pF 12pF 12pF 12pF 12pF	<pre>internal pr iru 2 used , 2 used filter ) HIz) UF 5% 50V stated (GLE6179A) (GLE6179A) (GLE6179A)</pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01 7683960B01 9187511C01 0102716B69 0982442E01 1500483599 3083794C01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 511icon Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead FILTER: Feed thru CONNECTOR: Assy coax, includ Contact, single Hood, receptacle Cable, coaxial	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E) E)
GLE61814 SYMBOL C1610 or C1611 or C1612 C1613 or C1614	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl PART NO. 2111031A40 2111031A40 2111031A17 2111031A47 2111031A40	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (403-440 ifier 25W (438-470) DESCRIPTION CAPACITOR: fixed unless otherwise 110pF 68pF 12pF 12pF 12pF 110pF 82pF 110pF	<pre>internal pr nru 2 used filter DMHz) UF 5% 50V stated (GLE6179A) (GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A) (GLE6181A)</pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 4883510F04 7683960B01 7683960B01 7683960B01 7683960B01 9187511C01 0102716B69 0982442E01 1500483599 3083794C01	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 511con Hot carrier Silicon Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead Ferrite bead FillTER: Feed thru CONNECTOR: Assy coax, inclue Contact, single Hood, receptacle Cable, coaxial Bushing, coaxial	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E) E)
GLE61814 SYMBOL C1610 or C1611 c1612 C1613 or C1614 or	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl PART NO. 2111031A40 2111031A40 2111031A40 2111031A40 2111031A40 2111031A40 2111031A40 2111031A40	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (403-440 ifier 25W (438-470) DESCRIPTION CAPACITOR: fixed unless otherwise 110pF 68pF 18pF 12pF 12pF 110pF 82pF 110pF 82pF	<pre>internal pr inu 2 used 4 used 5 j used 5 j used 5 j used 6 j</pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605 J8	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 7683960B01 76	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 511con Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead Frite bead FillTER: Feed thru CONNECTOR: Assy coax, include Contact, single Hood, receptactor Cable, coaxial Bushing, coaxial	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E) E) des: , female
GLE61814 SYMBOL C1610 or C1611 or C1612 C1613 or C1614 or C1616	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl PART NO. 2111031A40 2111031A40 2111031A37 2111031A40 2111031A37 2111031A41	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (403-440 ifier 25W (438-470) DESCRIPTION CAPACITOR: fixed unless otherwise 110pF 68pF 18pF 12pF 12pF 12pF 110pF 82pF 6.8pF	internal pr hru 2 used , 2 used filter DMHz) DMHz) DMHz) (GLE6179A) (GLE6179A) (GLE6181A) (GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A)	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605 J8	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 7683960B01 76	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 68pF 511con Hot carrier Silicon Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead FILTER: Feed thru CONNECTOR: Assy coax, include Contact, single Hood, receptacle Cable, coaxial Bushing, coaxial COIL, RF: 1/2 turns (brown)	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E) des: , female e
GLE61814 SYMBOL C1610 or C1611 or C1612 C1613 or C1614 or C1616 or	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Amp1 A Power Amp1 PART NO. 2111031A40 2111031A35 2111031A40 2111031A37 2111031A40 2111031A40 2111031A40 2111031A40	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (403-440 ifier 25W (438-470) DESCRIPTION CAPACITOR: fixed unless otherwise 110pF 68pF 12pF 12pF 12pF 12pF 12pF 110pF 82pF 6.8pF 6.8pF 6.8pF	internal pr hru 2 used , 2 used filter DMHz) DMHz) uF 5% 50V stated (GLE6179A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A)	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605 J8	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 7683960B01 768090B01 7680900	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 68pF 511icon Hot carrier Silicon Silicon CORE: Ferrite bead Ferrite bead Ferrite bead FILTER: Feed thru CONNECTOR: Assy coax, include Contact, single Hood, receptach Cable, coaxial Bushing, coaxial COIL, RF: 1/2 turns (brown) 1/2 turns (brown)	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E) des: , female
GLE61814 SYMBOL C1610 or C1611 c1612 C1613 or C1614 or C1616 or C1616 or C1617	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl A Power Ampl PART NO. 2111031A40 2111031A35 2111031A40 2111031A37 2111031A40 2111031A37 2111031A31 2111031A31 2111031A31 2111031A31 2111031A31	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (403-440 ifier 25W (438-470 DESCRIPTION <u>CAPACITOR:</u> fixed unless otherwise 110pF 68pF 12pF 12pF 12pF 12pF 110pF 82pF 6.8pF 6.8pF 6.8pF 6.8pF 6.8pF 6.8pF 6.8pF	<pre>internal pr intu 2 used 2 used 3 2 used 5 2 used 5 filter 0MHz) 0MHz) 0MHz) 0MHz) 0MHz) (GLE6179A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A)</pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605 J8	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 7683960B01 768090 768000 768090 768090 768000 7680900 768000 768000000000000000000000000000	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 68pF 511icon Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead Fritte bead Fritte bead FiltTER: Feed thru CONNECTOR: Assy coax, inclue Contact, single Hood, receptach Cable, coaxial Bushing, coaxia COIL, RF: 1/2 turns (brown) 1/2 turns (brown) 1/2 turn (red)	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E) des: , female e (GLE6179A)
GLE61814 SYMBOL C1610 or C1611 C1612 C1613 or C1614 or C1614 or C1616 or C1617 or	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl A Power Ampl PART NO. 2111031A40 2111031A35 2111031A40 2111031A37 2111031A40 2111031A37 2111031A31 2111031A31 2111031A31 2111031A31 2111031A31	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (403-440 ifier 25W (438-470) DESCRIPTION CAPACITOR: fixed unless otherwise 110pF 68pF 12pF 12pF 12pF 12pF 12pF 110pF 82pF 6.8pF 6.8pF 6.8pF	internal pr hru 2 used , 2 used filter DMHz) DMHz) UF 5% 50V stated (GLE6179A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A)	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605 J8	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 7683960B01 768090 768000 768090 768090 768000 7680900 768000 768000000000000000000000000000	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 68pF 511icon Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead FILTER: Feed thru CONNECTOR: Assy coax, inclue Contact, single Hood, receptacle Cable, coaxial Bushing, coaxia COIL, RF: 1/2 turns (brown) 1/2 turn (red) 1/2 turn (brown)	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E) des: , female e (GLE6179A)
GLE61814 SYMBOL C1610 or C1611 c1612 C1613 or C1614 or C1616 or C1616 or C1617	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Ampl A Power Ampl PART NO. 2111031A40 2111031A35 2111031A40 2111031A37 2111031A40 2111031A37 2111031A31 2111031A31 2111031A31 2111031A31 2111031A31	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (403-440 ifier 25W (438-470 DESCRIPTION <u>CAPACITOR:</u> fixed unless otherwise 110pF 68pF 12pF 12pF 12pF 12pF 12pF 110pF 82pF 6.8pF 6.8pF 4.7pF 0.25pF 18pF 5.6pF 0.5pF	<pre>internal pr intu 2 used 2 used 3 2 used 5 2 used 5 filter 0MHz) 0MHz) 0MHz) 0MHz) 0MHz) (GLE6179A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A)</pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605 J8	2111031A35 2111031A08 211103B20 211103B18 2111031A35 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 7683960B01 768090 768000 768090 768090 768000 7680900 768000 768000000000000000000000000000	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 68pF 511icon Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead Fritte bead FiltTER: Feed thru CONNECTOR: Assy coax, inclue Contact, single Hood, receptacle Cable, coaxial Bushing, coaxial Bushing, coaxial COIL, RF: 1/2 turns (brown) 1/2 turn (red) 1/2 turn (brown)	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E) des: , female e (GLE6179A)
GLE61814 SYMBOL C1610 or C1611 or C1612 C1613 or C1614 or C1616 or C1616 or C1617 or C1618	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Amp1 A Power Amp1 PART NO. 2111031A40 2111031A40 2111031A17 2111031A17 2111031A17 2111031A40 2111031A37 2111031A40 2111031A40 2111031A40 2111031A40 2111031A37 2111031A40 2111031A41 2111031A40 2111031A41 2111031A41 2111031A41 2111031A41 2111031A41 2111031A41	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (403-440 ifier 25W (438-470 DESCRIPTION CAPACITOR: fixed unless otherwise 110pF 68pF 18pF 12pF 12pF 12pF 12pF 12pF 12pF 12pF 5.6pF 0.25pF 18pF 5.6pF 0.5pF 68pF	<pre>internal pr intu 2 used 2 used 3 2 used 5 2 used 5 filter 0MHz) 0MHz) 0MHz) 0MHz) 0MHz) (GLE6179A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A)</pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605 J8 L1610 L1611 L1612 or L1613	2111031A35 2111031A08 2111031A08 2111031A08 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 4883510F04 7683960B01 7680476000000000000000000000000000000000	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 511icon Hot carrier Silicon Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead Ferrite bead FILTER: Feed thru CONNECTOR: Assy coax, inclue Contact, single Hood, receptacle Cable, coaxial Bushing, coaxial Bushing, coaxial COIL, RF: 1/2 turns (brown) 1/2 turn (red) 1/2 turn (red) 1/2 turn (brown) Choke 1.2uH	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E) des: , female e (GLE6179A) (GLE6179A) (GLE6181A)
GLE61814 SYMBOL C1610 or C1611 or C1612 C1613 or C1614 or C1616 or C1616 or C1617 or C1618	0400007691 0703432A01 0980038K02 2680092K01 2680176H08 2900005318 1503424A01 4282405 R01 4303423A01 4210217A02 2680222H01 2680199J01 A Power Amp1 A Power Amp1 PART NO. 2111031A40 2111031A40 2111031A17 2111031A17 2111031A17 2111031A40 2111031A37 2111031A40 2111031A40 2111031A40 2111031A40 2111031A37 2111031A40 2111031A41 2111031A40 2111031A41 2111031A41 2111031A41 2111031A41 2111031A41 2111031A41	LOCKWASHER, 3/8" BRACKET, connector CONNECTOR, feedth SHIELD HEAT SINK LUG, soldering, 2 COVER, PA CLIP, PA BUSHING, coax STRAP 0.091x362", HEAT SINK, copper SHIELD, harmonic ifier 25W (403-440 ifier 25W (403-440 ifier 25W (438-470 DESCRIPTION <u>CAPACITOR:</u> fixed unless otherwise 110pF 68pF 12pF 12pF 12pF 12pF 12pF 110pF 82pF 6.8pF 6.8pF 4.7pF 0.25pF 18pF 5.6pF 0.5pF	<pre>internal pr intu 2 used 2 used 3 2 used 5 2 used 5 filter 0MHz) 0MHz) 0MHz) 0MHz) 0MHz) (GLE6179A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6181A) (GLE6179A) (GLE6181A) (GLE6179A)</pre>	or C1670 C1671 or C1672 C1680 CR1640 CR1660 CR1670 CR1671 E1620 E1630 E1640 FT1601- FT1605 J8	2111031A35 2111031A08 2111031A08 2111031A08 2111031A35 2111031A35 2111031A35 4882036E07 4884616A01 4883510F04 4883510F04 4883510F04 4883510F04 7683960B01 7680476000000000000000000000000000000000	68pF 3.9pF 0.25pF 20pF 100V 16pF 100V 68pF 68pF 68pF 511icon Hot carrier Silicon CORE: Ferrite bead Ferrite bead Ferrite bead FILTER: Feed thru CONNECTOR: Assy coax, inclue Contact, single Hood, receptacle Cable, coaxial Bushing, coaxia COIL, RF: 1/2 turns (brown) 1/2 turn (red) 1/2 turn (brown)	(GLE6181A) (GLE6179A) (GLE6179A) (GLE6179A) (GLE6179A) E) des: , female e (GLE6179A) (GLE6179A) (GLE6181A)

L1620	2411030A0	3 4 turns (yellow)
L1621		
L1622		
L1630		
L1631		
L1632		Ferrite bead,.5 turn
L1633		
L1640		
L1641		
L1642		2 3 turns (orange)
L1643	2484346A02	Choke 0.23uH
L1644	2411030E02	2 1/2 turn (red)
L1650	2411030B03	1.5 turns (orange)
L1651		
L1652		
L1653		1.5 turns (orange)
L1654		
L1670		
L1671		
L1672	2482723H40	Choke 0.29uH (yellow-black)
		•
		CONNECTOR:
P1	1582694R03	
	3982693R02	Contact, receptacle, 4 used
P5	2802098M02	Malo single sentest
P6, P7	3080116K06	
10, 17	2000110100	Cable, coax, incl plug
		TRANSISTOR: (SEE NOTE)
Q1610	4884411L37	
Q1620	4880225C09	M25C09
Q1630	4880225C19	M25C19
Q1640	4884411L07	M11L07
		RESISTOR: fixed 5% 0.125W
R1610	0611024A35	270
R1611	0611024A33	220
R1612	0611024A33	
R1612	0011024A21	68
	0/1100/100	
R1615	0611024A01	10
R1660	0611024A73	10k
R1661	0611024A75	12k
R1670	0602369M29	270 0.6W
R1671	0611024A53	1.5k
R1672	0611024A53	1.5k
R1773	0611024A53	1.5k
		2198
		THE BAT CHOD.
PT1680	0683600K05	THERMI STOR:
KI 1000	0003000K03	100k @ 25°C
		NON-REFERENCED ITEMS:
	0200007003	NUT, 8-32x5/16x1/8"
	0200007018	NUT, $3/8x32x1/2x3/32"$
	0302607B01	SCREW, taptite M3x8, 9 used
	0302607в02	SCREW, taptite M3x6, 4 used
	0380165J07	SCREW, machine M4x10
	0380269H09	SCREW, tapt M5x0.8, 2 used
	0400007691	LOCKIA SURD 2/91 take 1
	0703432A01	LOCKWASHER 3/8" internal
		BRACKET
	0980038K02	CONNECTOR, power
	0982442E01	CONNECTOR
	1500483599	HOOD, receptacle
	1503424A01	COVER, PA
	2680092K01	SHIELD, antenna
	2680176H08	HEAT SINK
	2680199J01	SHIELD, filter
	2680222H01	HEATSINK
	2900005318	LUG, solder cap, 2 used
	3080116K06	CABLE, coaxial
	3083794001	CARLE compation
	3982693R02	CABLE, coaxial (white)
		CONTACT, contact crimp, 4 used
	4210217A02	STRAP, 0.091x3.62", 2 used
	4280201J01	CLIP, ground
	4282405R01	CLIP
	4303423 <b>A</b> 01	BUSH, coaxial

#### NOTE

For optimum performance, diodes, transistors, integrated circuits and crystals must be ordered by Motorola part numbers.

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# GLE6180A PA, 1-10W (438-470MHz)

GLEOI	.80A PA, 1-1	UW (438-470MHz)
SYMBO	L PART NO.	DESCRIPTION
		CAPACITOR: fixed pF 5% 50V
		unless otherwise stated
C1510		35 68
C1511 C1513		
C1514		
C1515	2111031A	
C1516		9 4.7 0.25pF
C1517 C1518	2111031A	
C1519		
C1520		
C1521		
C1522		5 68
C1523- C1525		.5 0.22uF +80-20%
C1526		
C1530	2111031A2	
C1531	2111033B2	
C1531 C1532 C1533	2111033B2	
C1533 C1534	2111033B0 2111031A3	
C1534 C1535	2111031R5	
C1539	2111033B3 2111031A0	7 100 100V
C1540	2111031A0	5 2.2 0.25pF
C1544	0811051A1 2111031A3	7 0.47uF 63V
C1545	2111031A3 2111032B1	5 68 5 0 22
C1547	2111032B1 2111031A3	5 0.22uF +80-20% 5 68
C1548	2111031A6	1 0.001uF 5 0.22uF +80-20%
C1549	2111032B1	5 0.22uF +80-20%
C1550	2111033B1 2180240G1	2 9.1 0.5pF 100V
C1553	2180240G1	3 7.5 0.25pF 250V 6 10 1pF 250V 5 9.1 0.25pF 250V
C1554 C1555	2180240G1	5 9.1 0.25pF 250V
C1556 C1560	2111033 BO	· · · · · · · · · · · · · · · · · · ·
C1561 C1562	2111031A14 2111031A3	
CI570	2111031465	
C1571	2111033B19	18 100V
C1572 C1580	2111031A35	
C1580 C1590		
01390	2102266M04	0.0033uF 10%
		DIODE: (SEE NOTE)
CR1540		28V Zener
CR1560		
CR1570 CR1571		
041971	4003310104	
		CONNECTOR, receptacle:
J8	0102716869	Assy coax xmit output includes:
	0982442E0	
	150048359 3083794c0	
	4303423M0	
R1540	7682060701	COIL:
E1540 L1510	7683960B01 2411030E01	Ferrite bead 0.5 turn (brown)
L1511	2411030E01	(brown)
L1512	2411030E02	(red)
L1513	2411030B11	
L1514	2480036A01	Ferrite bead 0.5 turn
L1520 L1521	2411030A02 2480036A01	3 turns (orange)
L1522	2480036A01 2480036A01	Ferrite bead 0.5 turn Ferrite bead 0.5 turn
L1523	2411030A05	6 turns (blue)
L1530	2411030A02	3 turns (orange)
L1531	2480036A01	Ferrite bead 0.5 turn
L1532 L1533	2411030E04	(yellow)
L1533 L1534	2411030B05 2411030B12	
L1540	2484346A02	
	2411030B04	1.5 turns (yellow)
L1551	2411030B05	2.5 turns (green)

L1552 L1553		2.5 turns (green) 1.5 turns (yellow)			A TRC Board		
L1554		3.5 turns (white)	GLA	0/00	A INC BOATO	Fully Optioned	
L1570	2482723H40	0.29uH (yellow-black)	SYM	BOL	PART NO.	DESCRIPTION	
L1571 L1572	2411030B03	1.5 turns (orange)					
L13/2	2402723840	0.29uH (yellow-black)				<u>CAPACITOR:</u> fixed unless otherwise	
		CONNECTOR:	C80	0	2311019A46	•	e stateu
P1	1582694R03		C80			0.22uF 63V	
P5	3982693R02 2802098M02	Contact, recept crimp, 4 used Contact, single male	C80: C80:		2111031A41	120 (chip)	
P6	3080116K06	Cable, coaxial includes plug	C80		0811051A15	0.01uF 10% (chi 0.22uF 63V	þ)
P7	3080116K06		C80		2311048B11	10uF 20% 35V	
		TRANSISTOR: (SEE NOTE)	C80		2111032A21	0.01uF 10% (chi	ę)
Q1510	4884411L37		C801 C801		2111031A39 2111032A21	100 (chip) 0.01uF 10% (chij	2
Q1520	4880225009		C809		2311048B09	4.7uF 20% 35V	<i>,</i> ,
Q1530	4880225C19	M5C19	C810		2111031A55	470 (chip)	
		RESISTOR: fixed 5% 1/8W	C811 C811		2311019A46 0811051A15	100uF 20% 25V 0.22uF 63V	
		unless otherwise stated	C81			0.22uF 63V	
R1510 R1511	0611024A35 0611024A33		C814		2111031A47		
R1512	0611024A33	-	C819 C816			100uF 20% 25V	0.017
R1513	0611024A01	10	C817		2302308M01 2111031A47		200
R1514	0611024A01		C818		2311048B09	4.7uF 20% 35V	
R1515 R1521	0611024A33 0611024A29		C819		0811051A13		
R1522	0611024A29		C820 C821		2111032A21	0.22uF 63V 0.01uF 10% (chip	<b>.</b> )
R1530	0611024A01		C822		0811051A13		,,
R1534 R1560	0611024A01 0611024A73	10	C823		0811051A17		
R1561	0611024A75	10k	C824 C825		2111031A29 2111031A51		
R1570	0600126A31		C826		2111031A61		
		Now BERENSED	C827		2111031A29	39 (chip)	
	0200007003	NON-REFERENCED ITEMS: NUT, 8-32x5/16x1/8"	C828 C829		2111031A29		
		NUT, 3/8-32x1/2x3/32"	C830		0811051A15 2111031A29		
	0302607B01		C831	L	0811051A13		
	0302607B02 0380165J07	• • • • • • • •	C832		2111031A61		(GLN6767A only)
	0380269H09	•	C833 C834		2382028P07 2111032421	4.7uF 20% 200V 0.0luF 10% (chip	.)
	0400007691	LOCKWASHER, 3/8" int'1	C835		0811051A13	0.1uF 63V	(GLN6768A only)
	0703432A01	BRACKET, connector CONNECTOR, feed-thru	C836		0811051A13	0.01uF 63V	
	2680092K01		C837 C838		0811051A13 0811051A13		(GLN6768A only) (GLN6768A only)
	2680176H08	HEAT SINK	C839		0811051A13		(GLN6768A only)
	2900005318		C840		0811051A13		(GLN6768A only)
	1503424A01 4282405 R01		C841 C842		0811051A17 0811051A13		(GLN6768A only) (GLN6768A only)
	4303423A01	BUSHING, COAX	C843			0.0022uF 63V	(GLN6768A only)
	4210217A02	STRAP, 0.091x362", 2 used	C844		2183162H36	0.01uF	(GLN6768A only)
	2680199J01	HEAT SINK, copper SHIELD, harmonic filter	C845 C846		2311048B11 2183162H36	10uF 20% 35V	
		CLIP, terminal	C847			0.0022uF 63V	
			C848		0811051A13	0.luF 63V	
			C849			0.33uF 63V	
			C850 C851		0811051A13 2183162H36		(GLN6768A only)
GLE6182	A Filter UHF	Receiver Low Pass	C852	(	0811051A03	0.0022uF 63V	(GLN6768A only)
SYMBOL.	PART NO.	DESCRIPTION	C853		0811051A13		(GLN6768A only)
011202	THAT NOT	beloat i ion	C854 C855		0811051A16 0811051A13	0.33uF 63V	(GLN6768A only) (GLN6768A only)
		CAPACITOR, fixed:	C856		2183162A36		(GLN6768A only)
C1 C2		7.5pF 5% 50V	C857	(	0811051A03	0.0022uF 63V	(GLN6768A only)
C3		7.5pF 5% 50V 22pF 5% 50V (chip)	C858 C859		0811051A13	0.luF 63V 0.33uF 63V	(GLN6768A only)
			C860		0811051A13		(GLN6768A only) (GLN6768A only)
<b>T</b> 1	0082442201	CONNECTOR:	C861	:	2183162A36	0.01uF	(GLN6768A only)
J1	0982442E01	Female, single contact	C862 C863		0811051A13	0.luF 63V	(GLN6768A only)
		COIL, RF:	C864		0811051A18	0.33uF 63V 0.1uF 63V	(GLN6768A only) (GLN6768A only)
L1	2411030A02	3 turns orange	C865	(	0811051A03	0.0022uF 63V	(GLN6768A only)
		RE SI STOR:	C866	(	0811051A11	0.047uF 63V	•
R1	0611024A73	10k 5% 0.125W	C867 C868	2	2111031A61 0811051A16	0.001uF (chip) 0.33uF 63V	
			C869	2	2183162A36	0.01uF	
	0380260004	NON-REFERENCED ITEMS: SCREW, mounting M3x0.5, 2 used	C870	0	0811051A03	0.0022uF 63V	
	0703432A01		C871 C872		0811051A13 0811051A16		
	1500843599	HOOD, receptacle	C872		0811051A18		
	1503473A01	HOUSING, filter	C874	2	2311019A46	100uF 20% 25V	
		CLIP, coax terminal CABLE, coaxial	C875 .C876		0811051A15	0.22uF 63V 1000 (chip)	
		_,	0070	4	LILUJIAUI	LUOU (Chip)	

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C877	2111031A61	1000 (chip)						
C878	2111031A35				12	0000000 701	CONNECTOR:	
C879		10 0.5% (chip)			13 T/	0980023J01	,	t
C880	2111032421	0.01uF 10% (chi	- )		J4	2882984N04		
C881	2111032421	0.010F 10% (cn1	P)			0980179M03		ict
	2111031401	0.001uF (chip)			J8, J9	0980023J01	Female; 6-contac	:t
C882	2111031A61	0.001uF (chip)			J10	0980179H05		-
C883-						-		
C885	2111031A29						JUMPER:	
C886	2111031A39	100 (chip)			TILL THE	3 0611009D23		
C887	0881051A12	0.068uF 63V					Jumper	
C888	2111032A21	0.01uF 10% (chi	-)			• 0611009D23	Jumper	(GLN6768A only)
C889	2111031461	0.001uF (chip)	P)		JU5-			
C890	0811051405	0.0068uF 63V			JU12	0611009D23	Jumper	
C891	2111022401		、		JU14	0611009D23	Jumper	(GLN6768A only)
C892	2111032A21	0.01uF 10% (chi	P)		JU15	0611009D23	Jumper	
	2311048811	10uF 20% 35V			JU16-		-	
C893		0.01uF 10% (chij	p)		JU18	0611009D23	Jumper	(GLN6768A only)
C894	2311019A46				JU20	0611009D23	Jumper	(GLN6767A only)
C895	0811051A13	0.luF 63V			JU21	0611009D23	Jumper	(GENOTOTA ONLY)
C896	0811051A13	0.luF 63V			JU22	0611009D23	Jumper	
C897	2111032A21	0.01uF 10% (chij	n)		JU23		•	(GLN6768A only)
C898	0811051A01					0611009D23	Jumper	(GLN6767A only)
C899	2311019A46	100uF 20% 25V			JU24	0611009D23	Jumper	(GLN6767A only)
C901	2111031A61				JU26	0611009D23	Jumper	
C902		····-F·			JU27	0611009D23	Jumper	(GLN6768A only)
	2311048B09				JU28	0611009D23	Jumper	(GLN6768A only)
C903	0811051A15	••••			JU29	0611009D23	Jumper	(
C904	0811051A15				JU30-			
C905	0811051A13				JU37	0611009D23	Jumper	(CIN67494 1)
C906	2111032A21	0.01uF 10% (chip	<b>)</b>				- amper	(GLN6768A only)
C907	2111031A58		-				CONTROTOR	
C908	2311048B06				<b>n1</b>	0000/07000	CONNECTOR:	
C909	0811051415	0.22uF 63V	(01) 16767	·1	P1	2882697 RO3	Male 4-contact	
C910	0811051A15		(GLN67674			0905604C06		-contact
C911			(GLN6767A	( only)	P4	2882697R14		
	2311048809	4.7uF 20% 35V	(GLN6767A	( only)	P5, P12	2882697R05	Male 6-contact	
C912		1000 (chip)			P7	2883441F08		
C913	0811051A15							
C914	0811051A16	0.33uF 63V	(GLN6767A	only)			TRANSISTOR: (SEE	E NOTE)
C915	2311048B11	10uF 20% 35V	(GLN6767A		Q801	4800869787	M9787	S NOIE)
C916	0811051A13		(GLN6767A		Q802	4800869787	M9787	
C917-				,,	Q803			
C924	2111032A21	0.01uF (chip)	(GLN6767A			4802081B30	M1B30	(GLN6768A only)
C940		4.7uF 20% 35V	(GLIO/0/A	only)	Q804-			
C941					Q807	<b>4802081B30</b>		))
		0.22uF 63V			Q809	4800869619	M9619	
C945	2111031A29				Q810-			
C946	0811051A07				Q813	4802081B30	M1B30 (alt: M1B10	))
C947	0811051A07	0.01uF 63V			Q814	4802081B31		
C950	0811051A13	0.luF 63V			Q815	4802081B30		
C951	2100861439				Q816			(GLN6767A only)
C952-						4802081B30	M1B30 (alt: M1B10	))
C954	2100861439	345 10% 75V	( CT NG 760 A		Q826~			
C955		A A	(GLN6768A	only)	Q829	4802081B30	M1B30 (alt: M1B10	1)
	2111031A61	1000 (chip)	(		Q830-			
C956	2100861439	345 10% 75V	(GLN6767A	only)	Q832	4802081B30	M1B30	(GLN6767A only)
C957	2100861439	345 10% 75V	(GLN6767A	only)	Q833	4802081B30	M1B30 (alt: M1B10	
C958	2102288M14				Q834		M1B30 (alt: M1B10	
C960	2360561B21	220uF 20% 25V			Q835	4802081B30		(GLN6768A only)
C961	2360561B21	220uF 20% 25V			•			(GLNG/GBA ONLY)
C962	2360561B21	220uF 20% 25V					DECISION. Stand 5	¥ 1/01
							RESISTOR: fixed 5	Z 1/8W
		DIODE: (SEE NOT	e)				unless otherwise	stated
CR800	4883654H01	Silicon	.,		R800	0610024A25	100	
CR801	4883654H01	Silicon	(01)/2/2		R801	0611024A43	560	
CR801	4883654H01		(GLN6767A			0602369M52	18k 0.6W	
CR802-	4003034801	Silicon	(GLN6767A	only)	R803	0611024A51	1.2k	
	1000151	a			<b>R8</b> 04	0602369M52	18k 0.6W	
CR814	4883654H01	Silicon			R805	0611024A79	18k	
CR815	4883654H01	Silicon	(GLN6768A	only)		0611024A73	10k	
CR816	4883654H01	Silicon		-			18k 0.6W	
CR817	4882022N05	Silicon					18k	
CR818	4882022N05	Silicon						
CR819-						0611024A97	100k	
CR821	·4883654H01	Silicon					220k	
CR822	4883654H01	Silicon	(GLN6768A	only)			100k	
CR823	4883654H01	Silicon	VODUO VOOV	UILY)			10k	
CR824	4883654H01						33k	
		Silicon	(				47k	
CR825	4883654H01	Silicon	(GLN6767A	only)	R816	0611024A97	100k	
CR826	4883654H01	Silicon	(GLN6768A	only)			100	
CR827	4883654H01	Silicon		-			variable 20k	
CR828	4883654H01	Silicon	(GLN6768A	only)			47k	
CR829-								
CR835	4883654H01	Silicon					variable 100k	
CR836	4884350P01	Silicon					33k	
							18k 0.6W	
		TTOUR BUTMENTS	ODE (				18k	
D6800	4990059901	LIGHT EMITTING DI	UDE: (SEE	NOTE )		0611024A85	33k	
DS800		red			R825	0611024A73	10k	
DS801	4880058K03		(GLN6768A				1M 0.6W	
DS802	4880058K02	green	(GLN6768A	o <b>n</b> ly)			47k	
6-54								

R828	0611024A81	22k			R912	0603366301	541- 19 0 20M	(CT NG 7694
R829	0611024A01	15k			R912			(GLN6768A only) (GLN6768A only)
R830	0611024A97	100k			. R913			(GLN6768A only)
R831	1803464A04	variable 100k			R915			(GLNO/OOA Only)
R832	0602369M46	5.6k			R916			
R833	0611024A89	47k			R917		15k	
R834	0611024A73	10k			R918			
R835	0611024A79	18k			R9 20			
R836	0611024A73	10k			R921			(GLN6768A only)
R837	0611024A65	4.7k			R922			(ODNO/OOR ONLY/
R838	0611024A53	1.5k	. *		R923			
R839	0611024A73	10k			R924			
R840	0602369M06	2.7 0.6W			R925			
R841	0611024B06	220k			R926			
R842	0611024A87	39k			R927			
R843	0611024 <b>A</b> 87	39k			R928			
R844	0611024A89	47k			R929			
R845	0611024B02	150k			R930	0602366M78		
<b>R846</b>	0611024A89	47k			R931	1803464A01	variable 2k 10% (	0.5W
R847	0611024A89	47k			R9 32	0602369M52	18k 0.6W	
R848	0611024A65	4.7k			R933	0611024A79	18k	
R849	0611024A63	3.9k			R934		10k	
R850	0611024A61	3.3k			R935		4.7k	
R851	0611024A65	4.7k			R936		220k	
R852	0602369M25	100			R937		10k	(GLN6768A only)
R853	0611024A65	4 <b>.</b> 7k			R938		18k	
R854	0611049D81	84.5k 1% 0.25W			R939		15k	
R855	0611049D81	84.5k 1% 0.25W			R940		10k	
R856	0611024A65	4.7k			R941		10k	
R857	0611024A89	47k			R942			
R858	0611024A89	47k			R943		100k	
R859	0611024A65	4.7k			R944		10k 0.6W	
R860	0611024A51	1.2k			R945		2k	
R861	0611024A55	1.8k			R946		10k	
R862	0611009A44	620 0.25W			R947		220k	
R863	0611024B12	390k	(GLN6767A	only)	R948		47k	
R864	0602369M25	100 0.6W			R949		220k	
R865	0611024A73	10k			R950		47k	
R866	0611024B14	470k			R951		100k	
R867	0602366M84	30k 1% 0.39W			R952		10k	
R868 R869	1803464A03 1702254M67	variable 20k 3.3M 125W			R953		47k	
R870	0611024A73				R954		100k	
R871	0611024A/3 0611024A81	10k 22k			R955		100k	
R872	0611024B06	220k			R956		10k	
R873	0611024B00	220k 22k			R958		14k 1% 0.39W	
R874	0611024A56	22k			R959 R960	0602367M05	150k 1% 0.39W	
R875	0611024A94	75k			R961	0602366M77 0602366M77	15k 1% 0.39W	
R876	1702254M66	2.7M 125W			R962		15k 1% 0.39W 16k 1% 0.39W	
R877	0611024B14	470k	(GLN6768A	on1)	R963		variable, 2k 10%	0.50
R878	0602366M88	43k 17 0.39W	(GLIG/OOA	oury	R964		4.7k	0.5W
R879	1883452F14	variable 10k 10%	1/214		R965		270	
R880	0600124B38		(GLN6768A	only)	R966		270 39k	
R881	0611024A73		(GLIIO/ODA	Unity /	R967	0602366M77	15k 1% 0.39W	
R882	0611024A89	47k			R968		variable, 2k 10%	0.50
R883	0611024A53	1.5k	(GLN6768A	only)	R969		16k 1% 0.39W	W.JW
R884	0611024B12		(OLIO/OOM	Unity?	R970		430k 1% 0.39W	
R885	0611024B12	390k			R971	0611024B06	220k	
R886	0602369M57	47k 0.6W			R972	1803464A01	variable, 2k 10%	0.50
R887	0611024A89	47k			R973		15k 1% 0.39W	0.54
R888	0611024A56	2k			R974		16k 1% 0.39W	
8889 R	0611024A97	100k			R975	0602367M16	430k 1% 0.39W	
R890	0611024B12	390k	(GLN6768A	only)	R976	0611024A73	10k	
R891	0611024A79	18k		÷	R977	0611024A73	10k	
R892	0611024A89	47k	(GLN6768A	only)	R978	0611024A89	47k	
R893	0611024A89	47k	(GLN6768A	only)	R979	0611024A92	62k	
R894	0611024A89	47k	(GLN6768A	only)	R980	0611024A73	10k	
R895	0611024A89	47k			R981	0611024A65	4.7k	
R896	0611024A73	10k			R982	0610621C18	1740 1% 0.25W	
R897	0611024B14	470 k			R983	0610621C28	2210 1% 0.25W	
R898	0602366m88	43k 1% 0.39W			<b>R98</b> 4	0611024A73	10k	
R899	1803464A03	variable, 20k 102	% 0.5W		R985	0611024A45	680	
<b>R900</b>	0611024B22	1M		<i>.</i>	R986	0611024A45	680	
R901	0611024B14	470k	(GLN6768A		R987	0602379M31	330 0.6W	
R902	0602366M88	43k 17 0.39W	(GLN6768A		R988	0611024A89	47k	
R903	1803464A03	variable, 20k	(GLN6768A		R989	0611024A89	47k	
R904	0611024B22	1M 0.25W	(GLN6768A	only)	<b>R990</b>	0611024A59	2.7k	
R905	0611024A73	10k			R991	0611024A79	18k	
R906	0611024B14	470k	(GLN6768A		R992	0611024A79	18k	
R907	0602366M91	56k 1% 0.39W	(GLN6768A		R993	0611024A85	33k	
R908	1803464A03	variable, 20k	(GLN6768A		R994	0611024A73	10k	
R909	0611024B22	1M 1/4 W	(GLN6768A	only)	R995	0611024A77	15k	
R910	0611024A73	10k	(		R996	0611024A64	4.3k	
R911	0611024B14	470k	(GLN6768A	only)	R997	0611024A79	18k	
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R 998	0611024A89	47k		R1107	0611024A89	47k
R1000	0611024A85	33k	6	R1108	0611024A81	
R1001	0611024A77	15k		R1109	0611024A81	
R1002	1803464A04	variable 100k 1	0% 0.5₩	R1110		
R1003	0611024A57	2.2k		R1113	0611024A53	
R1004	0611024A57			R1113 R1114	0611024A89	
R1005	0611024A89			R1114 R1115	0611024A73	
R1006	0611024A89		(GLN6768A only)	R1115	0611024A73	
R1007	0611024A73		(GERO/GOA ONLY)		0611024A79	
R1008	0602369M57			R1117	0611024A73	10k
R1009	0602369M57			R1118-		
R1010	0611024A89			R1121	0611024A73	
R1011	0611024A89			R1122	0611024A53	
R1012	0611024A53			R1300	0611024A73	
R1013	0611024A89			R1301	0611024A73	
R1014	0611024A79			R1302	0611024A79	
R1015	0611024A79			R1310	0611049D04	13.3k 1% 0.25W
R1019	0611024A63			R1311	0611009A89	47k 1.4W
R1010	0611024A83					
R1017						SWITCH:
R1018	0611024A49			S801	4003445A01	Slide, 300mA 24V
R1019	0611024A79	18k		S802	4003445A01	Slide, 300mA 24V
R1020	0611024A73	10k		S803	4003429A01	Miniature, momentary
R1021	0611024A75	12k		S804-		•
R1022	0611024A65	4./K		S806	4003445A01	Slide, 300mA 24V
		1.01				·
R1025	0611024A73	10k				TRANSFORMER:
R1026	0611024A89	47k		<b>T800</b>	2583036L01	
R1027	0611024A81	22k		*	leads 1 & 2	2: 25 ohms; 3 & 4: 25 ohms
R1028	0611024A89	47k			leads 7 & 9	250 ohms; 11 & 12: 250 ohms
R1029	0611024A89	47k	(GLN6768A only)	<b>T801</b>	2584007C02	pri: 10k , sec: 10k res.
R1030	0611024A75	12k	·			FILL TOK , DECT TOK LED:
R1031	0611024B06	220k				TEST POINTS:
R1032	0611024B02	150k		TP00	2802002M16	Plug connector
R1033	0611024A59	2.7k		TP1-		Tug connector
R1037	0611024A56	2k		TP4,TP6	2802002M15	Plug connector
R1038	0611024A55	1.8k		TP7	2802002M16	Plug connector
R1041	0602366M77	15k 1% 0.39W		TP8	2802002M15	Plug connector
R1042	0602369M30	270		TP13	2802002M15	
R1043	0611024A65	4.7k		TP14	2802002M15	
R1045	0611024B14		(GLN6768A only)	TP16-	2002002MI J	Plug connector
R1046	0611024A73		(ozho, oon only)		200200215	<b>D1</b>
R1047	0611024A79	18k		TP19	2802002M15	Plug connector
R1048	0611024A89	47k	(GLN6768A only)	TP20	2802002M15	Plug connector
R1049	0611024A89	47k	(GLN6768A only)	TP22	2802002M15	Plug connector
R1050	0611024A89	47k	(GLN0708A Only)	TP23	2802002M15	Plug connector
R1051	0611024A89	47k	(GLN6768A only)	TP25-		
R1053	0611024A81		(GLN6768A Only)	TP31		Plug connector
R1054	0611024A01			TP35	2802002M15	Plug connector
R1055				TP36		Plug connector
R1056	0611024A65			TP40	2802002M15	Plug connector
R1050	0611024A96	91k 4 71-				
R1057	0611024A89					INTEGRATED CIRCUIT: (SEE NOTE)
R1058	0611024B14		4	U800-		
R1060	0611024A57			<b>U802</b>	5183629M18	Quad op amp
	0611024A89			U803	5183629M22	Op amp
R1061	0602369M51			U804	5182884L05	Quad 2-input NAND gate
R1062	0611024A89	47k		U806	5182884L06	Triple 3-input NAND gate
R1063	0611024A73	10k		U807	5182884L05	Quad 2-input NAND gate
R1064-				U808	5182884105	Quad 2-input NAND gate
R1068	0611024A89			U809	5184371K94	Quad 2-input OR gate
R1069		7.5k 1% 0.39W		<b>U810</b>	5182884L51	Quad 2-input AND gate
R1070	0611024A65			U811	5184887K28	Triple 3-input AND gate
R1072	0611024A73			U812	5182884L02	Hex inverting buffer
R1073	0611024A89	47k		<b>U814</b>	5183627 <u>M</u> 92	Hex trigger Schmitt
R1074	0611024A65	4.7k		U815	5183629M70	PLL
R1079-				U816	5183629M70	PLL (GLN6768A only)
R1083				U817		PLL (GLN0708A ONLY)
R1084	0611024A73			U818-		
R1085	0602369M57	47k 0.6W		U820	5183629M70	PLL (GLN6768A only)
R1086	0602369 <b>M</b> 49	10k 0.6W		U821-	5-050251170	(GLN0708A Only)
R1087	0602366M77	15k 1% 0.39W		U823	5182884L14	Quad bilateral switch
R1088	0611024 <u>A25</u>			U824		Quad bilateral switch Quad op amp
R1089	0611024 <b>A</b> 65	4.7k		U825		Quad op amp Quad 2-input NAND gate
R1090	0611024A73	10k		U826		Quad 2-input NAND gate Quad 2-input AND gate
R1091	0611024A73			U828	5182884164	Triple 3-input OR gate
R1092	0611024A89					August 2-input UK gate
R1093	0611024A73			U831		Quad 2-input NAND gate
R1094	0611024A65					J-K flip flop
R1095	0611024A81				5102004104	Quad 2-input NOR gate
R1096-					5103386A02	Counter 4-bit binary w/clear
R1098	0611024A89	47k			5183629M76	Dual switched capacitor filter
R1099-				U835	5183629M76	Dual switched capacitor filter
R1104	0611024 <b>A8</b> 1	2.2k			5182884L06	Quad 2-input NAND gate
R1104		47k				Quad op amp
R1105	0611024A25					Quad bilateral switch
				U839	5182609M33	Dual op amp
6-56						

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V R800	4883461 <b>E</b> 40	ZENER DIODE: (SEE NOTE) 5.1V
¥801	4882611M15	<u>CRYSTAL:</u> (SEE NOTE) 4.9068MHz
GLN676	9A Repeater .	Access Tone Decoder
SYMBOL	PART NO.	DESCRIPTION
		<u>CAPACITOR:</u> fixed uF 50V unless otherwise stated
C403	2311048B19	
C404	2111032A21	·····
C405 C406	2311048B19 0811051A15	
C400 C407	2384538G29	
C601	2384538G29	47 20% 10V
C701	2111032A21	
C702 C703	2111032A15 2111031A17	
C704	2111032A13	
C705	2111032A13	0.0022 10% (chip)
C706	2311048B19	
C707 C710	2311048B05 2311048B13	
C712	2384538G02	
C731	2111031A39	100pF (chip)
C733 C809	2111031A21	
C810	0811051A01 2111031A56	
C811	0811051A13	
C901	2111032A21	
C902 C904	2311048B05 9811951A15	
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		DIODE: (SEE NOTE)
CR601 CR703	4883654H01 4882178A06	
CR705	4883654H01	
CR801-		
CR803	4883654H01	Silicon
J4	0980060K01	<u>CONNECTOR:</u> Female 15-contact
		JUMPER:
JU401	0611009F23	Jumper
JU702 JU704	0611009F23	Jumper
JU707	0611009F23 0611009F23	Jumper Jumper
JU712	0611009F23	Jumper
JU717	0611009 F23	Jumper
		COIL, RF:
1401	2483961B02	Choke
L701	2483961B02	Choke
L702 L703	2483961B02 2411047C63	Choke Choke 39uH
2103		SIJKE JJUN
		CONNECTOR:
P3 P7	2880261H01 2205306C01	Male 11-contact Pin
£7	2205500001	rin
		TRANSISTOR: (SEE NOTE)
Q701	4802081B30	M1B30 (alt: M1B10)
Q705 Q711	4802081B31 4802081B30	M1B31 (alt: M1B11) M1B30 (alt: M1B10)
Q714	4802081B31	M1B31 (alt: M1B11)
Q715	4802081B30	M1B30 (alt: M1B10)
Q720 Q722	4802081B30 4802081B30	M1B30 (alt: M1B10)
Q722 Q801	4802081B30 4802081B30	M1B30 (alt: M1B10) M1B30 (alt: M1B10)
Q901	4880182D22	SCR type M2D22 (alt: M9577)
Q902	4802081B30	M1B30 (alt: M1B10)
27		RESISTOR: fixed 5% 1/8W
<b>D/ 00</b>	0611004+55	unless otherwise stated
R408 R409	0611024A57 0611024A57	2.2k 2.2k
R414	0611024A01	10
R415	0611024A01	10
R601	0611024 <b>A25</b>	100

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R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829 R830 R837 R838 R829 R830 R837 R838 R829 R830 R837 R838 R829 R830 R837 R838 R902 R903 R904 R905 R904 R905 R904 R905 R904 R905 R906 R907 R908 C R907 R908 C R908 C R907 R908 C R908 C R907 R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R907 R908 C R907 R908 C R907 R907 R907 R907 R907 R907 R907 R907	0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A61 0611024A61 0611024A61 0611024A94 0611024A94 0611024A97 0611024A97 0611024A97 0611024A89 0611024A89 0611024A89 0611024A87 0611024806 1183629M06 51836200 5183629M06 51	10k 47k 47k 47k 47k 47k 47k 3.3k 47k 4.7k 4.7k 55k 47k 1.2k 39k 10k 10k 10k 10k 220k 47k 1.2k 39k 10k 10k 10k 220k <u>INTEGRATED CIRCUIT:</u> (SEE NOTE) 5V regulator Quad op amp Microprocessor Serial latch Quad op amp <u>CRYSTAL:</u> (SEE NOTE) 4.9248MHz <u>NON-REFERENCED ITEMS:</u> SOCKET, DIL (U701) SOCKET, DIL (U702, 703) STANDOFF, 3 used PAD, crystal base INSULATOR, cover
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829 R830 R837 R838 R829 R830 R837 R838 R829 R830 R837 R838 R829 R830 R837 R838 R901 R902 R903 R904 R905 R904 R905 R906 R907 R908 C R907 R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R907 R908 C R907 R908 C R907 R908 C R907 R907 R907 R907 R908 C R907 R907 R907 R907 R907 R907 R907 R907	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A61 0611024A89 0611024A89 0611024A94 0611024A94 0611024A97 0611024A97 0611024A97 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A87 0611024A87 0611024A87 0611024A87 0611024A87 0611024A89 0611024A89 0611024A87 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A80 0611024A80 0611024B06 0611024B06 0611024B06 0611024B06 0611024B06 0611024B06 0611024B06 0611024A89 061102489 061102480 061002489 061102480 061102489 061102489 061102489 061102489 061102489 061102489 061102480 061102489 061102480 061102480 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102480 061002489 061102480 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102489 061102480 061102489 06100269 0600000000000000000000000000000000	47k 47k 47k 47k 47k 10k 47k 3.3k 47k 4.7k 75k 75k 75k 75k 47k 1.2k 39k 10k 10k 220k 47k 1.2k 39k 10k 10k 220k 47k 1.2k 39k 10k 10k 220k 47k 1.2k 39k 220k <u>INTEGRATED CIRCUIT:</u> (SEE NOTE) 5V regulator Quad op amp Microprocessor Serial latch Quad op amp <u>CRYSTAL:</u> (SEE NOTE) 4.9248MHz <u>NON-REFERENCED ITEMS:</u> SOCKET, DIL (U701) SOCKET, DIL (U702, 703) STANDOFF, 3 used PAD, crystal base INSULATOR, connector
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829 R830 R837 R838 R901 R902 R830 R837 R838 R901 R902 R903 R904 R905 R904 R905 R906 R907 R908 C R907 R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R908 C R907 R907 R908 C R907 R907 R908 C R907 R907 R908 C R907 R907 R908 C R907 R907 C R907 R908 C R907 C R907 C R907 C R907 C R907 C R907 C R907 C R907 C R907 C R907 C R907 C R907 C R907 C R907 C R907 C R908 C R907 C R907 C R907 C R908 C R908 C R907 C R908 C R907 C R908 C R908 C R907 C R908 C R907 C R908 C C R908 C C C C C C C C C C C C C C C C C C C	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A61 0611024A89 0611024A94 0611024A94 0611024A94 0611024A97 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A87 0611024B06 0611024B06 0611024B06 0611024B06 05180068C06 5180068C06 5180068C06 5183629M06 5183629M06 5183629M06	47k 47k 47k 47k 10k 47k 3.3k 47k 3.3k 47k 4.7k 75k 75k 75k 47k 100k 10k 10k 10k 10k 10k 10k 1
R758         R759         R760         R763         R765         R766         R770         R771         R770         R771         R774         R825         R826         R827         R828         R829         R830         R901         R902         R903         R904         R905         R906         R907         R908         U402         U601         U701         U705         U801	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A94 0611024A94 0611024A97 0611024A97 0611024A97 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A87 0611024B06 0611024B06 0611024B14 0611024A87 0611024B06	47k 47k 47k 47k 10k 47k 3.3k 47k 3.3k 47k 4.7k 75k 75k 75k 75k 47k 100k 10k 10k 10k 10k 220k 47k 1.2k 39k 10k 10k 220k 47k 10k 10k 220k 47k 5V regulator Quad op amp Microprocessor Serial latch Quad op amp CRY STAL: (SEE NOTE) 4.9248MHz NON-REFERENCED ITEMS:
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R827 R828 R829 R830 R827 R828 R829 R830 R837 R838 R901 R902 R903 R903 R904 R903 R904 R905 R904 R905 R906 R907 R908 C R907 R907 R907 R907 R907 R907 R907 R907	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A61 0611024A89 0611024A89 0611024A94 0611024A94 0611024A97 0611024A97 0611024A89 0611024A87	47k 47k 47k 47k 10k 47k 3.3k 47k 3.3k 47k 4.7k 75k 75k 47k 100k 10k 10k 10k 10k 10k 10k 1
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829 R830 R837 R838 R837 R838 R830 R837 R838 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R838 R830 R837 R838 R830 R837 R838 R830 R830 R837 R838 R830 R830 R837 R838 R830 R837 R838 R830 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R830 R830 R837 R838 R830 R830 R830 R837 R838 R830 R830 R830 R830 R830 R837 R838 R830 R830 R830 R830 R830 R830 R830	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A94 0611024A94 0611024A94 0611024A97 0611024A73 0611024A73 0611024A87 0611024A87 0611024B06 0611024B14 0611024B14 0611024B16 061000000000000000000000000000000000	47k 47k 47k 47k 10k 47k 3.3k 47k 3.3k 47k 4.7k 75k 75k 75k 47k 100k 10k 10k 10k 220k 47k 1.2k 39k 10k 10k 47k 1.2k 39k 10k 47k 5V 75k 75k 75k 75k 75k 75k 75k 75k
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829 R830 R837 R838 R837 R838 R901 R837 R838 R901 R903 R904 R905 R904 R905 R906 R907 R908 C R907 C R901 C R901 C R902 C R901 C R902 C R902 C R902 C R902 C R903 C R901 C R902 C R903 C R904 C R901 C R904 C R905 C R904 C R904 C R905 C R904 C R905 C R904 C R905 C R904 C R905 C R904 C R905 C R904 C R905 C R907 C R906 C R907 C R903 C R907 C R907 C R903 C R904 C R907 C R903 C R904 C R907 R907 C R9	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A94 0611024A94 0611024A97 0611024A97 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A87 0611024A87 0611024B06	47k 47k 47k 47k 10k 47k 3.3k 47k 3.3k 47k 4.7k 75k 75k 75k 75k 75k 47k 100k 10k 47k 1.2k 39k 10k 220k 47k 10k 10k 47k 1.2k 39k 10k 10k 47k 1.2k 39k 10k 10k 47k 1.2k 39k 10k 10k 47k 1.2k 39k 10k 10k 47k 1.2k 39k 10k 10k 47k 1.2k 39k 10k 10k 47k 1.2k 39k 10k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k 10k 47k 1.0k 10k 47k 1.0k 10k 10k 10k 10k 10k 10k 10k 1
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829 R828 R829 R830 R837 R838 R837 R838 R837 R838 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R838 R839 R830 R837 R838 R838 R838 R839 R830 R837 R838 R838 R838 R839 R830 R837 R838 R838 R838 R838 R838 R838 R838	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A94 0611024A94 0611024A94 0611024A97 0611024A97 0611024A97 0611024A73 070777777777777777777777777777777777	47k 47k 47k 47k 10k 47k 3.3k 47k 4.7k 75k 75k 75k 75k 75k 47k 100k 100k 10k 47k 1.2k 39k 10k 220k 47k 10k 10k (SEE NOTE) 5V regulator Quad op amp
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829 R830 R837 R838 R837 R838 R838	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A81 0611024A89 0611024A89 0611024A89 0611024A94 0611024A97 0611024A97 0611024A87 0611024A73 0611024A73 0611024A87 0611024A87 0611024A87 0611024A87 0611024A87	47k 47k 47k 10k 47k 3.3k 47k 3.3k 47k 4.7k 75k 75k 4.7k 100k 10k 47k 1.2k 39k 10k 10k 47k 1.2k 39k 10k 10k 10k 10k 10k 10k 10k 10
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829 R830 R837 R838 R838 R838 R838 R837 R838 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R838	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A94 0611024A94 0611024A97 0611024A89 0611024A89 0611024A87 0611024A87 0611024B14 0611024B14 0611024B14	47k 47k 47k 10k 47k 3.3k 47k 3.3k 47k 4.7k 75k 75k 47k 100k 10k 10k 10k 10k 10k 10k 10k 10k 1
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829 R830 R837 R838 R838 R838 R838 R837 R838 R837 R838 R830 R837 R838 R901 R902 R903 R904 R905 R906 R907	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A94 0611024A94 0611024A97 0611024A89 0611024A89 0611024A87 0611024A87 0611024B14 0611024B14 0611024B14	47k 47k 47k 47k 10k 47k 3.3k 47k 4.7k 75k 75k 75k 47k 100k 10k 10k 10k 10k 220k 470k 10k 220k 470k
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829 R828 R829 R830 R837 R838 R837 R838 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R838 R838 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R837 R838 R839 R830 R830 R837 R838 R839 R830 R839 R830 R839 R830 R837 R838 R839 R830 R839 R830 R839 R830 R839 R830 R830 R830 R837 R838 R830 R830 R830 R830 R830 R830 R830	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A83 0611024A83 0611024A89 0611024A89 0611024A89 0611024A94 0611024A97 0611024A87 0611024A87 0611024A87 0611024A73 0611024A87 0611024A87 0611024B14 0611024B14	47k 47k 47k 10k 47k 3.3k 47k 4.7k 4.7k 75k 75k 75k 47k 100k 10k 10k 10k 10k 220k 47k 1.2k 39k 10k
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829 R828 R829 R830 R837 R838 R837 R838 R839 R837 R838 R901 R903 ( R903 ( R904 ( R905) (	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A94 0611024A94 0611024A97 0611024A97 0611024A73 0611024A87 0611024A73 0611024A73 0611024A73	47k 47k 47k 10k 47k 3.3k 47k 4.7k 75k 75k 47k 100k 10k 47k 1.2k 39k 10k 47k 1.2k 39k 10k
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829 R830 R837 R838 R838 R838 R901 R838 R901 R902 R903 R904	0611024A73 0611024A89 0611024A89 0611024A89 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A94 0611024A94 0611024A97 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	47k 47k 47k 10k 47k 3.3k 47k 4.7k 4.7k 75k 75k 4.7k 100k 10k 47k 1.2k 39k 10k 10k 220k
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R827 R828 R829 R830 R837 R838 R837 R838 R901 R903	0611024A73 0611024A89 0611024A89 0611024A89 0611024A73 0611024A73 0611024A81 0611024A89 0611024A89 0611024A94 0611024A94 0611024A97 0611024A89 0611024A89 0611024A73 0611024A73	47k 47k 47k 10k 47k 3.3k 47k 4.7k 4.7k 75k 4.7k 100k 10k 47k 1.2k 39k 10k
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R827 R828 R829 R829 R830 R837 R838 R837	0611024A73 0611024A89 0611024A89 0611024A89 0611024A83 0611024A83 0611024A84 0611024A89 0611024A89 0611024A89 0611024A94 0611024A89 0611024A89 0611024A89 0611024A87 0611024A87	47k 47k 47k 10k 47k 3.3k 47k 4.7k 4.7k 75k 75k 4.7k 100k 10k 4.7k 1.2k 39k
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R827 R828 R829 R829 R830 R837 R838	0611024A73 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A94 0611024A94 0611024A99 0611024A89 0611024A89 0611024A89	47k 47k 47k 10k 47k 3.3k 47k 4.7k 4.7k 75k 75k 4.7k 100k 10k 47k 1.2k 39k
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R828 R829 R830	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A94 0611024A94 0611024A97 0611024A73 0611024A89	47k 47k 47k 10k 47k 3.3k 47k 4.7k 75k 75k 4.7k 100k 10k 47k
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R825 R826 R827 R828 R829	0611024A73 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A89 0611024A81 0611024A89 0611024A94 0611024A94 0611024A89 0611024A89 0611024A89	47k 47k 47k 10k 47k 3.3k 47k 4.7k 75k 4.7k 75k 4.7k 100k
R758 R759 R760 R763 R765 R766 R769 R770 R771 R774 R774 R825 R826 R827 R828	0611024A73 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A89 0611024A85 0611024A94 0611024A94 0611024A99 0611024A89	47k 47k 47k 10k 47k 3.3k 47k 4.7k 75k 75k 4.7k 100k
R758 R759 R760 R763 R765 R766 R769 R770 R771 R771 R774 R825 R826	0611024A73 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A94 0611024A94	4 7k 4 7k 4 7k 1 0k 4 7k 3 . 3k 4 7k 4 . 7k 7 5k 7 5k
R758 R759 R760 R763 R765 R766 R769 R770 R771 R771 R774 R825	0611024A73 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A81 0611024A89 0611024A89 0611024A65 0611024A94	47k 47k 47k 10k 47k 3.3k 47k 4.7k 75k
R758 R759 R760 R763 R765 R766 R769 R770 R771	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A61 0611024A89	47k 47k 47k 10k 47k 3.3k 47k
R758 R759 R760 R763 R765 R766 R769 R770	0611024A73 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A89	47k 47k 47k 10k 47k 3.3k
R758 R759 R760 R763 R765 R766 R766	0611024A73 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89	47k 47k 47k 10k
R758 R759 R760 R763 R765	0611024A73 0611024A89 0611024A89 0611024A89 0611024A89	47k 47k 47k
R758 R759 R760 R763	0611024A73 0611024A89 0611024A89	47k 47k
R758 R759	0611024A73	
R758		1 61
R757	061100/172	10k
A/4/	0611024A49	47k
	0611024A57 0611024A49	2.2k 1k
R744	0611024A89	47k
	0611024A73 0611024A73	10k 10k
R741	0611024A65	4.7k
	0611024A73 0611024A89	10k 47k
R738	0611024A89	47k
	0611024A73 0611024A89	10k 47k
	0611024A73	10k
R729	0611024A97 0611024A89	100k 47k
R727 R728	0611024A89 0611024A97	47k 100k
R719	0611024A89	47k
R714 R715	0611024A89 0611024A59	47k 2.7k
R712	0611024A73	10k
R707 R711	0611024A73 0611024A89	10k 47k
R705	0611024A89	47k
R703 R704	0611024B22 0611024A73	1M 10k
R702	0611024A89	47k

## NOTE

For optimum performance, diodes, transistors, integrated circuits and crystals must be ordered by Motorola part numbers.

#### GLN6770A Repeater Hardware

SYMBOL.	PART NO.	DESCRIPTION
	0203455A01	NUT, lock, 2 used
	0284784B04	NUT, M3, hex, 2 used
	0380165J06	SCREW, M5x0.8x8, 2 used
	0380165J08	SCREW, M4x0.7, 2 used
	0380269н06	SCREW, M3x0.5, 2 used
	0380269H08	SCREW, M3x0.5, 15 used
	0484718C05	
	0503470A01	GROMMET
	0782406R01	BRACKET, PA, 2 used
	1503441A01	COVER, terminal block
	1582121R01	COVER, housing
	3803460A01	BUTTON, 3 used
	4203459A01	CLIP
	4210347A01	CLIP, cable, 2 used
	4210347A04	CLAMP, cable, 2 used
	5402334M01	LABEL
	5402335M01	LABEL, 3 used
	5503454A01	LOCK

#### GLN6808A Chassis Hardware

SYMBOL	PART NO.	DESCRIPTION
	0302607B02 1580129J01 1580136J01 1580156J01 2680198J01	SCREW M3x6, ll used COVER COVER, rf shield COVER, chassis SHIELD, rf

## GLN6809A Transceiver Command Board

<u>CAPACITOR:</u> fixed chip uF 5% 50V	
unless otherwise stated	
C401 2111032A21 0.01 10%	
C402 0811051A07 0.01 63V	
C403 2311048B19 47 20% 16V	
C404 2111032A21 0.01 10%	
C405 2311048B19 47 20% 16V	
C406 0811051A15 0.22 63V	
C407 2384538G29 47 20% 10V	
C451 2111032A27 0.033 10%	
C452 2111031A39 100pF	
C453 2111031A39 100pF	
C454 2111032A21 0.01 10%	
C455 0811051A15 0.22 63V	
C456 2311048B19 47 20% 16V	
C457 2111031A39 100pF	
C458 2111031A65 1800pF	
C459 2111031A65 1800pF	
C551 2311048B13 10 20% 16V	
C552 2111031A37 82pF	
C553 0811051A13 0.1 63V	
C554 0811051A13 0.1 63V	
C555 0811051A13 0.1 63V	
C556 2311048B05 1 20% 50V	
C557 0811051A09 0.022 63V	
C558 2111032A13 0.0022 10%	
C559 2111031A39 100pF	
C560 2111032A21 0.01 10%	
C561 0811051A12 0.068 63V	
C562 2311048B13 10 20% 16V	
C601 2311048B19 47 20% 16V	
C604 0811051A17 47 63V	
C605 0811051A06 0.0068 63V	
C606 2311048B13 10 20% 16V	
C607 2311048B05 1 20%	
C608 0811051A10 0.033 63V	
C609 0811051A01 0.001 63V	
C610 0811051A03 0.0022 63V	
C611 2111031A37 82pF	
C701 2111032A21 0.01 10%	
C702 2111031A15 10pF 0.5pF	
C703 2111031A17 12pF	
C704 2111032A13 0.0022 10%	
C705 2111032A13 0.0022 10%	
C706 2311048B19 47 20% 16V	

C707	2311048B05	1 20%
C708	2111031A39	100 pF
C709	2111031A39	100pF
C710 C712	2311048B13 2384538G02	10 20% 16V 4.7 20% 20V
C713	2111031A51	330pF
C714-		
C724	2111031A51	330pF
C731	2111031A39	100
C733 C801	2111031A21 0811051A06	18 0.0068 63V
C802	0811044A34	0.018 63V
C803	0811051A01	0.001 63V
C806	0811051A10	0.033 63V
C807	0811051A12	0.068 63V 0.0033 63V
C808 C809	0811051A04 0811051A13	0.1 63V
C810	2111031A63	1200pF
C811	0811051A13	0.1 63V
C901	2111032A21	0.01 10%
C902 C903	2311048B05 2111031A61	1 20% 1000pF
C903	0811051A15	0.22uF 63V
		0
		DIODE: (SEE NOTE)
CR401	4883654H02	Silicon
CR402	4883654H01	-
CR451 CR551	4883654H01 4883654H01	Silicon Silicon
CR601	4883654H01	Silicon
CR703	4882178A06	
CR705	4883654H01	Silicon
CR801	4883654H01	
CR802 CR803	4883654H01 4883654H01	Silicon Silicon
CNOUS	4003034001	STICON
		CONNECTOR:
J4	0980060K01	Female, 15-contact
		MB MBB -
JU404	0611009F23	JUMPER: Jumper
JU501	0611009F23	Jumper
JU552	0611009F23	Jumper
JU602	0611009F23	Jumper
JU701	0611009F23	Jumper
JU702 JU703	0611009F23	Jumper Jumper
JU703	0611009F23 0611009F23	Jumper
JU707	0611009F23	Jumper
JU712	0611009F23	Jumper
JU717	0611009F23	•
JU802	0611009F23	Jumper
		COIL, RF:
1401	2483961B02	Choke (green)
L601	2482415N02	Choke
L701	2483961B02	Choke w/slv (green)
L702 L703	2483961B02 2411047C63	Choke w/slv (green) Choke 39uH
1105	2411047003	choke 59an
		CONNECTOR:
P3	2880261H01	Male, 11-contact
P6	2880260H01	Male, 6-contact
		TRANSISTOR: (SEE NOTE)
Q401	4800869619	M9619
Q402	4802081B30	M1B30 (alt: M1B10)
Q403	4811043B10	M3B10 (alt: M9681)
Q451	4800869619	M9619
Q452 Q453	4802081B30 4802081B30	M1B30 (alt: M1B10) M1B30 (alt: M1B10)
Q601	4802081B31	M1B31 (alt: M1B11)
Q701	4802081B30	M1B30 (alt: M1B10)
Q702	4802081B30	M1B30 (alt: M1B10)
Q705	4802081B31	M1B31 (alt: M1B11)
Q710 Q711	4802081B30 4802081B30	M1B30 (alt: M1B10) M1B30 (alt: M1B10)
Q714	4802081B31	M1B31 (alt: M1B11)
Q715	4802081B30	M1B30 (alt: M1B10)
Q720-	4802081B30	M1B30 (alt: M1B10)
Q723 Q801	4802081B30 4802081B30	M1B30 (alt: M1B10) M1B30 (alt: M1B10)
Q901	4802081B30 4880182D22	
Q902	4802081B30	M1B30 (alt: M1B10)

		RESISTOR: fixed chip 5% 1/8W	R740	0611024480	471-
		unless otherwise stated	R740	0611024A89 0611024A65	
R401	0611024 <b>A</b> 51	1.2k	. R742	0611024A73	
R402	0610621C18	1740 1% 0.25W	R743	0611024A73	10k
R403 R404	0610621C28 0611024A73	2210 1% 0.25W 10k	R744	0611024A89	
R405	0611024A/5	680	R745 R746	0611024A57	
R406	0611024A45	680	R748 R749	0611024 <b>A6</b> 1 0611024A73	
R407	1702280M31	330	R751	0611024A73	
R408	0611024A57	2 . 2k	R752	0611024A73	10k
R409	0611024A57	2.2k	R757	0611024AB9	47k
R410 R411	0611024A35 0611024A49	270 1k	R758	0611024A73	10k
R414	0611024A01	10	R759 R760	0611024A73	10k
R415	0611024A01	10	R761	0611024A89 0611024A73	47k 10k
R416	0611024A73	10k	R762	0611024A73	10k
R451	0611024A75	12k	R763	0611024A89	47k
R452	0611024A65	4.7k	` <b>R76</b> 4	0611024A73	10k
R453 R454	1805500L08 0611024A47	variable 22k 20% 820	R765	0611024A89	47k
R455	1805500108	variable 22k 20%	R766	0611024A73	10k
R456	0611024A65	4.7k	R767 R769	0611024A57 0611024A89	2.2k 47k
R457	0611024445	680	R770	0611024A61	47k 3.3k
R458	0611024A57	2 . 2k	R771	0611024A89	47k
R459	0611024A45	680	R7 74	0611024A65	4.7k
R460	1702280M31	330	R775	0611024A65	4.7k
R461 R462	0611024A51 0611024A37	1.2k 330	R776	0611024A65	4.7k
R463	1805500108	variable 22k 20%	R777 R801	0611024A65	4.7k
R464	0611024A49	lk	R802	0611024J18 0611024H88	220k 1% 100k 1%
R465	0611024A73	10k	R803	0611024J18	200k 1%
R467	0611024A97	100k	<b>R804</b>	0611024H88	100k 1%
R551	0611024A61	3.3k	R805	0611024J18	200k 1%
R552 R554	0611024B06	220k	R806	0611024H88	100k 1%
R555	0611024A55 0611024A35	1.8k 270	R807	0611024J18	200k 1%
R556	0611024A99	120k	R808 R809	0611024J18 0611024A97	200k 1%
R557	0611024A77	15k	R810	0611024A97	100k 100k
R558	0611024A71	8.2k	R822	0611024A92	62k
R559	0611024A89	47k	R823	0611024A92	62k
R560	0611024 <b>A</b> 61	3.3k	R824	0611024A92	62k
R563 R564	0611024A25 0611024A73	100	R825	0611024A92	62k
R565	0611024A73	10k 1.2k	R826 R827	0611024A92	62k
R566	0611024A41	470	R828	0611024A89 0611024A97	47k 100k
R567	0611024A43	560	R829	0611024A73	lok
R601	0611024A25	100	R830	0611024A89	47k
R602	0611024A43	560	R837	0611024B23	Jumper
R604	0611024A73	10k	R901	0611024A73	10k
R605 R606	0611024A73 0611024A83		R902	0611024A73	
R607			R903	0611024B06	
R608	0611024A73	lok	R904 R905	0611024B14 0611024A97	470k 100k
R609	0611024B17	620k	R906	0611024A97	
R610	0611024A69	6800	R907	0611024A87	39k
R611	0611024A65	4.7k	R908	0611024B06	220k
R612 R613	0611024A77	15k			
R614	0611024A77 0611024A83	15k 33k	174 01	E100(00)02	INTEGRATED CIRCUIT: (SEE NOTE)
R615	0611024A97	100k	U401 U402	5182609M33 5180068C06	Dual op amp 5V regulator
R616	0611024A97	100k	0402	5183629MD6	
R617	0611024A25	100	U601	5183629M06	
R702		47k	U701	5102080B49	Microprocessor
R703 R704	0611024B22 0611024A73	1M 101-	U704		7 segment LED driver
R705	0611024A75	10k 47k	U705	5183627M42	· · ·
R706		10k	U801	5183629M06	Quad op amp
R707	0611024A73	10k			ZENER DIODE: (SEE NOTE)
R711	0611024A89	47k	VR401	4883461E40	5.1V
R712	a second s	10k			
R713	0611024A73				CRYSTAL:
R714 R715	0611024A89 0611024A59		¥701	4880173D08	4.9248MHz
R719		47k			
R727	0611024A89				NON-REFERENCED ITEMS:
R728	0611024A97	100k		0380269н01	
R729	0611024A89			0584899A01	RIVET
R730	0611024A73			1480067K01	
R731 R732	0611024A73			1482392E02	INSULATOR, cover
R732 R736	0611024A73 0611024A73			1480066K01	
R737	0611024A75			7505295B01 2680212H01	PAD, crystal base
R738	0611024A89			0980269B04	SOCKET, DIL (U701)
R739	0611024A73	10k		0980269B08	SOCKET, DIL (U703)
					6-50

GLNO	SIUA Keceiver	Command Board			CONNECTOR:
SYMB	OL PART NO.	DESCRIPTION	P3	2880261H01	l 11-pin
			P6	2880260H01	l 6-pin
		CAPACITOR: fixed uF 5% 50V			TRANCT (TOD) ( (TT HOT))
C/01	0111000.00	unless otherwise stated	Q401	4800869619	TRANSISTOR: (SEE NOTE) M9619
C401 C402	2111032A2 081105140	1 0.01 10% 7 0.01 63% 9 47 20% 16% 9 47 20% 16% 9 47 20% 16% 5 0.22 63% 9 47 20% 10% 3 10 20% 16% 7 82pF 3 0.1 63% 3 0.1 63% 3 0.1 63% 5 1 20%	Q402	4802081B30	) M1B30 (alt: M1B10)
C402	2311048B1	7 0.01 63V 9 47 20% 16V	Q701	4802081B30	) M1B30 (alt: M1B10)
C404	211103242	1 0.01 10	Q702	4802081B30	M1B30 (alt: M1B10)
C405	2311048B1	9 47 20 <b>%</b> 16V	Q705	4802081B44	M1B44
C406	0811051A1	5 0.22 63V	Q707	4802081B30	M1B30 (alt: M1B10)
C407	2384538G2	9 47 20% 10V	Q710	4802081B30	M1B30 (alt: M1B10)
C551	2311048B1	3 10 20 <b>%</b> 16V	Q711	4802081B30	M1B30 (alt: M1B10)
C552	2111031A3	7 82pF	Q714 Q715	4802081831	M1B31 (alt: M1B11)
C553	0811051A1:	3 0.1 63V	Q720	4002001830	M1B30 (alt: M1B10) M1B30 (alt: M1B10)
C554	0811051A1	3 0.1 63V	Q721	4202081B30	M1B30 (alt: M1B10)
C555	0811051A13	0.1 63V	Q722	4202081B30	M1B30 (alt: M1B10)
C556 C557	2311048B0		Q801	4802081B30	M1B30 (alt: M1B10)
C558	2111022A12	0.022 63V	Q901	4808695477	SCR type M2D22 (alt: M9577)
C559	2111032A13 2111031A39	3 0.0022 10 <b>7</b>	Q902	4802081B30	M1B30 (alt: M1B10)
C560	211103143	0.01 10 <b>%</b>			· · · · · · · · · · · · · · · · · · ·
C561	0811051A12	0.068 63V			RESISTOR: fixed 5% 1/8W
C562	2311048B13	10 20 <b>%</b> 16V			unless otherwise stated
C601	2311048B19	47 20% 16V	R401	0611024A51	1.2k
C701	2111032A21	0.01 10%	R402	0610621018	1.74k 1% 0.25W
C702	2111031A15	10pF 0.5pF	R403 R404		2.21k 1% 0.25W
C703	2111031A17	12pF	R404 R405	0611024A73	
C704	2111032A13	0.0022 102	R405 R406	0611024A45	
C705	2111032A13	0.0022 10%	R400	0611024A45 1702280M31	
C706	2311048B19	47 20, 16V	R408	0611024A57	
C707	2311048в05	1 20%	R409	0611024A57	
C708 .		100 pF	R414	0611024A01	
C709	2111031A39	100 pF	R415	0611024A01	
C710	2311048B13	10 20 <b>2</b> 16V	R551	0611024A61	
C712	2384538G02	4.7 20% 20V	R552	0611024B06	
C713-			R554	0611024A55	1.8k
C724	2111031A51	330pF	R555	0611024A35	
C731 C733	2111031A39	100pF	R556	0611024A99	
C806	2111031A19		R557	0611024A77	
C807	0011051410	0.033 63V	R558	0611024A71	
C808	0811051A12	0.0020 (077	R559	0611024 <u>A89</u>	
C809	0811051A13	0.0033 637	R560	0611024A61	
C810	2111031A63	1200-2	R563	0611024 <u>A2</u> 5	
C811	0811051A13	0.1 63V	R564	0611024A73	
C901	2111032A21	0.01 107	R565	0611024A51	1.2k
C902	2311048B05		R566	0611024A41	470
C903	2111031A61	0.001	R567	0611024A43	560
C904	0811051A15		R608	0611024A73	10k
			R609 R702	0611024B17	620k
		DIODE: (SEE NOTE)	R702	0611024A89	47k
CR401	4883654H02	Silicon	R703	0611024B22	1M
CR402	4883654H01	Silicon	R704	0611024A73 0611024A89	10k
CR403	4883654H01	Silicon	R705	0611024A73	47k 10k
CR551	4883654H01	Silicon	R707		10k
CR601	4883654H01	Silicon	R711		47k
CR703	4882178A06		R712		10k
CR705 CR801	4883654H01		R713		10k
CR801	4883654H01 4883654H01		R714		47k
CR803	4883654H01		R715	0611024A59	2.7k
	10140000	Silicon	R719	0611024A89	47k
		CONNECTOR:	R722		47k
J4	0980059K01	9-pin submin D connector	R727		47k
J5	0980060K01	15pin submin D connector	R728		100k
		19pin submin D connector	R729		47k
		JUMPERS:	R730		10k
JU404	0611009 <b>F</b> 23	Jumper	R731 R732	0611024A73	10k
JU501	0611009F23	Jumper	R732 R736	0611024A73	10k
JU552	0611009 <b>F</b> 23	Jumper	R736 R737		10k
JU701-		-	R737 R738		47k 47-
JU704	0611009F23	Jumper	R739		47k 10t
JU707	0611009F23	Jumper	R740		10k 47k
JU712	0611009F23	Jumper	R741		47K 4.7k
JU717	0611009F23	Jumper	R742	· · ·	10k
JU802	0611009F23	Jumper	R743	• • • • • • • • • • • • •	10k
			R744		47k
1/01		COIL:	R745		2.2k
L401 L701	2483961B02	5 turns (green)	R746	0611024A61	3.3k
L701 L702	2483961 <b>B</b> 02 2483961B02	5 turns (green)	R757		47k
L702	• • • • • • • • • • • • • • • • • • •	5 turns (green)	R758		LOk
		39uH	R759	0611024A73 1	LOIK
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R760	0611024A8	9 47k	C606	2211049812	10 007 164
R761	0611024A7			2311048B13	
R762	0611024A7		C607	2311048805	
R763	0611024A8		C608	0811051A10	
R765	0611024A89		C609		0.001 63V
R766	0611024A7		C610	0811051A03	
R767	0611024A5		C611	2111031A37	•
R768	0611024A73		C701	2111032A21	
R769	0611024A89		C702	2111031A15	· · · · · ·
R770	0611024A61		C703	2111031A17	
R771	0611024A89		C704	2111032A13	
R774-		, 4/k	C705		0.0022 10%
R777	0611024A65	5 4.7k	C706		47 20% 16V
R822	0611024 A92		C707	2311048B05	
R823	0611024A92		C708	2111031A39	
R824	0611024A92		C709	2111031A39	
R825	0611024A92		C710	2311048B13	
R826	0611024A92		C712	2384538G02	4.7 20% 20V
R827	0611024A89		C713-		
R828	0611024A97		C724	2111031A51	330pF
R829	0611024A73		C731	2111031A39	
R830	0611024A89		C733	2111031A21	18pF
R837	0611024 B23		C801		0.0068 63V
R901	0611024A73	•	C802	0811044 <b>A</b> 34	
R902	0611024A73		C803		0.001 63V
R903	0611024 BO6		C901	2111032A21	
R904	0611024B00		C902	2311048B05	
R905	0611024B14		C903	2111031A61	
R906	0611024A97		C904	0811051A15	0.22uF 60V
R907	0611024A89				
R908	0611024A87				DIODE: (SEE NOTE)
1000	0011024800	220k	CR401	4883654H02	
			CR402	4883654H01	
<b>U401</b>	5182609M33	INTEGRATED CIRCUIT: (SEE NOTE)	CR451	4883654H01	
0401	5180068006		CR601	4883654H01	
U551	5183629M06		CR703	4882178A06	
U601	5183629M06		CR705	4883654H01	
U701	5102080B49	· · · · · · · · · · · · · · · · · · ·	CR740	4882178A06	
U704	5184320A32		CR803	4883654H01	Silicon
U705	5183627M42				
U801	5183629M06				CONNECTOR:
	51050251600	Quad op amp	J4	0980060K01	Female, 15-contact
		ZENER DIODE: (SEE NOTE)			
VR 401	4883461E40	5.1V			JUMPER:
1. 401	4003401140	5.14	JU404	0611009F23	Jumper
		CRYSTAL: (SEE NOTE)	JU602	0611009F23	Jumper
¥701	4880173D08	<u>CRYSTAL:</u> (SEE NOTE) 4.9248MHz	JU701	0611009F23	Jumper
	40001/5000	4. JZ4 OFALZ	JU702	0611009F23	Jumper
		NON-REFERENCED ITEMS:	JU703	0611009F23	Jumper
	0380269801	SCREW, tap-tie (2.5mm), 4 used	JU704	0611009F23	Jumper
	0980269804	SOCKET, IC	JU707	0611009F23	Jumper
	0980269808	SOCKET IC, 2 used	JU712	0611009F23	Jumper
	1480066K01	INSULATOR, audio regulator	JU717	0611009F23	Jumper
	1480067801	INSULATOR, connector	JU720	0611009F23	Jumper
	2680212801	HEAT SINK, power			
		mari olink, power	- / ^ 1		COIL, RF:
			L401	2483961B02	Choke (green)
			L601	2482415N02	
			L701	2483961802	Choke w/slv (green)
GLN6811	A Transmitte	r Command Board	L702	2403901B02	Choke w/slv (green)
			L703	2411047C63	UNOKE 390H
SYMBOL	PART NO.	DESCRIPTION			
_			P3	28802611101	CONNECTOR, plug: Male, 11-contact
		CAPACITOR: fixed chip, uF 5%	P6	2000201001	Male, II-contact
		50V unless otherwise stated	r v	2000200801	Male, 6-contact
C401	2111032A21				
C402	0811051A07	0.01 63V			TRANSIGTOR. (THE MONTH)
C403	2311048B19	47 20% 16V	Q401	4800869619	TRANSISTOR: (SEE NOTE)
C404	2111032A21	0.01 10%	Q402	4802081 820	M1B30 (alt: M1B10)
C405	2311048B19	47 20% 16V	Q402 Q403	4811043810	M3B10 (alt: M1B10) M3B10 (alt: M9681)
C406	0811051A15	0.22 63V	Q403 Q451	4800869619	M0610 (ail: M3001)
C407	2384538G29	47 20% 10V	Q452		M1B30 (alt: M1B10)
C451	2111032A27	0.033 10%	Q453	4802081830	M1B30 (alt: M1B10)
C452	2111031 <b>A3</b> 9	100pF	Q601	4802081831	M1B30 (alt: M1B10) M1B31 (alt: M1B11)
C453	2111031 <b>A3</b> 9	100pF	Q701	4802081 830	M1B30 (alt: M1B10)
C454		0.01 10%	Q702	4802081B30	M1B30 (alt: M1B10) M1B30 (alt: M1B10)
C455					MIDIU/
C456	0811051A15	0.22 63V	0705	4802081 BAA	
C457	0811051A15 2311048B19	0.22 63V 47 20% 16V	Q705 Q710		M1B44
	0811051A15 2311048B19 2111031A39	0.22 63V 47 20 <b>%</b> 16V 100pF	Q710	4802081B30	M1B44 M1B30 (alt: M1B10)
C458	0811051A15 2311048B19 2111031A39 2111031A65	0.22 63V 47 20% 16V 100pF 1800pF	Q710 Q711	4802081B30 4802081B30	M1B44 M1B30 (alt: M1B10) M1B30 (alt: M1B10)
C458 C459	0811051A15 2311048B19 2111031A39 2111031A65 2111031A65	0.22 63V 47 20% 16V 100pF 1800pF 1800pF	Q710 Q711 Q714	4802081B30 4802081B30 4802081B31	M1B44 M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B31 (alt: M1B11)
C458 C459 C601	0811051A15 2311048B19 2111031A39 2111031A65 2111031A65 2311048B19	0.22 63V 47 20% 16V 100pF 1800pF 1800pF 47 20% 16V	Q710 Q711 Q714 Q715	4802081B30 4802081B30 4802081B31 4802081B30	M1B44 M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B31 (alt: M1B11) M1B30 (alt: M1B10)
C458 C459 C601 C604	0811051A15 2311048B19 2111031A39 2111031A65 2111031A65 2311048B19 0811051A17	0.22 63V 47 20% 16V 100pF 1800pF 47 20% 16V 47 63V	Q710 Q711 Q714 Q715 Q721	4802081B30 4802081B30 4802081B31 4802081B30 4802081B30 4802081B30	M1B44 M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B31 (alt: M1B11) M1B30 (alt: M1B10) M1B30 (alt: M1B10)
C458 C459 C601	0811051A15 2311048B19 2111031A39 2111031A65 2111031A65 2311048B19	0.22 63V 47 20% 16V 100pF 1800pF 47 20% 16V 47 63V	Q710 Q711 Q714 Q715	4802081B30 4802081B30 4802081B31 4802081B30 4802081B30 4802081B30 4880182D22	M1B44 M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B31 (alt: M1B11) M1B30 (alt: M1B10) M1B30 (alt: M1B10) SCR type M2D22 (alt: M9577)
C458 C459 C601 C604	0811051A15 2311048B19 2111031A39 2111031A65 2111031A65 2311048B19 0811051A17	0.22 63V 47 20% 16V 100pF 1800pF 47 20% 16V 47 63V	Q710 Q711 Q714 Q715 Q721 Q901	4802081B30 4802081B30 4802081B31 4802081B30 4802081B30 4802081B30 4880182D22	M1B44 M1B30 (alt: M1B10) M1B30 (alt: M1B10) M1B31 (alt: M1B11) M1B30 (alt: M1B10) M1B30 (alt: M1B10)

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		RESISTOR: fixed chip 5% 1/8W	R767	0611024A57	2.2k
R401	0611024A51	unless otherwise stated 1.2k	R769 R770	0611024A89	47k
R401	0610621C18	1740 1 <b>%</b> 0.25W	R770 R771	0611024A61 0611024A89	3.3k 47k
R403	0610621028	2210 1 <b>%</b> 0.25W	R774-	0011024467	478
R404	0611024A73	10k	R777	0611024A65	4.7k
R405	0611024445	680	R801	0611024J18	200k 1%
R406	0611024 445	680	R802	0611024H88	100k 1%
R407	1702280M31	330	R803	0611024J18	200k 1%
R408	0611024A57		<b>R804</b>	0611024н88	100k 1%
R409	0611024A57	2.2k	R805	0611024J18	200k 1%
R410	0611024A35	270	<b>R806</b>	0611024н88	
R411	0611024A49	1k	R807	0611024J18	200k 1%
R414 R415	0611024A01	10	R808	0611024J18	
R415	0611024A01 0611024A73	10 10k	R809	0611024A97	100k
R410	0611024A75	10k	R810	0611024A97	100k
R452	0611024A65	4.7k	R830 R901	0611024A89 0611024A73	47k 10k
R453	1805500108	variable 22k 20%	R902	0611024A73	10k
R454	0611024A47	820	R903	0611024 B06	220k
R455	1805500L08	variable 22k 20%	R904	0611024B14	470k
R456	0611024A65	4.7k	R905	0611024A97	100k
R457	0611024A45	680	R906	0611024A89	47k
R458	0611024A57	2 <b>.</b> 2k	R907	0611024A87	39k
R459	0611024A45	680	R908	0611024B06	220k
R460	1702280M31	330			
R461	0611024A51	1.2k			INTEGRATED CIRCUIT: (SEE NOTE)
R462	0611024A37	330	U401	5182609M33	Dual op amp
R463	1805500L08	variable 22k 20%	U402	5180068C06	5V regulator
R464 R465	0611024A49	1k 101-	U601	5183629M06	Quad op amp
R465 R467	0611024A73 0611024A97	10k 100k	U701	5102080B49	Microprocessor
R601	0611024A97	100	ช704 ช705	5184320A32 5183627M42	7 segment LED driver
R602	0611024A23	560	0,03	J10J02/M42	8 stage shift/storage register
R604	0611024A73	10k			ZENER DIODE: (SEE NOTE)
R605	0611024A73	10k	V R401	4883461E40	5.1V
R606	0611024A83	27k			
R607	0611024A65	4.7k			CRY STAL:
R608	0611024A73	10k	¥701	4880173D08	4.9248MHz
R609	0611024B17	620k			
R610	0611024A69	6800			NON-REFERENCED ITEMS:
R611	0611024A65	4.7k		0380269H01	SCREW, tapping 2.5mm
R612	0611024A77	15k		0380269H01	SCREW, tapping 2.5mm
R613	0611024A77	15k		0584899A01	RIVET
R614	0611024A83	33k		1480067K01	INSULATOR, connector
R614 R615	0611024A83 0611024A97	33k 100k		1480067K01 1482392E02	INSULATOR, connector INSULATOR, cover
R614 R615 R616	0611024A83 0611024A97 0611024A97	33k 100k 100k		1480067K01 1482392E02 1480066K01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator
R614 R615 R616 R617	0611024A83 0611024A97 0611024A97 0611024A95	33k 100k 100k 100		1480067K01 1482392E02 1480066K01 7505295B01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base
R614 R615 R616 R617 R702	0611024A83 0611024A97 0611024A97 0611024A25 0611024A89	33k 100k 100k 100 47k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK
R614 R615 R616 R617 R702 R703	0611024A83 0611024A97 0611024A97 0611024A25 0611024A89 0611024B22	33k 100k 100k 100 47k 1M		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701)
R614 R615 R616 R617 R702	0611024A83 0611024A97 0611024A97 0611024A25 0611024A89	33k 100k 100k 100 47k 1M 10k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701)
R614 R615 R616 R617 R702 R703 R704	0611024A83 0611024A97 0611024A97 0611024A25 0611024A89 0611024B22 0611024A73	33k 100k 100k 100 47k 1M 10k 47k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701)
R614 R615 R616 R702 R703 R704 R705 R706 R707	0611024A83 0611024A97 0611024A97 0611024A25 0611024A89 0611024B22 0611024A73 0611024A89	33k 100k 100k 100 47k 1M 10k 47k 10k	GL <b>N6</b> 812	1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703)
R614 R615 R616 R617 R702 R703 R704 R705 R706 R706 R707 R711	0611024A83 0611024A97 0611024A97 0611024A25 0611024A89 0611024B22 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 47k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703)
R614 R615 R616 R702 R703 R704 R705 R706 R707 R707 R711 R712	0611024A83 0611024A97 0611024A97 0611024A25 0611024A89 0611024B9 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 47k 10k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703)
R614 R615 R616 R702 R703 R704 R705 R706 R707 R707 R711 R712 R713	0611024A83 0611024A97 0611024A97 0611024A25 0611024A89 0611024B9 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 47k 10k 10k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 24 Base Stati	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION
R614 R615 R616 R702 R703 R704 R705 R706 R706 R707 R711 R712 R713 R714	0611024A83 0611024A97 0611024A97 0611024A25 0611024A25 0611024A25 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 47k 10k 10k 47k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 A Base Stati PART NO. 0203455A01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) on Hardware DESCRIPTION NUT, lock, 2 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715	0611024A83 0611024A97 0611024A97 0611024A25 0611024A25 0611024A25 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A79 0611024A89	33k 100k 100k 100 47k 1M 10k 47k 10k 47k 10k 47k 10k 47k 2.7k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 24 Base Stati PART NO. 0203455A01 0284784B04	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) on Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719	0611024A83 0611024A97 0611024A97 0611024A25 0611024A89 0611024A23 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 47k 10k 47k 20k 47k 2.7k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>24 Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) on Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727	0611024A83 0611024A97 0611024A97 0611024A97 0611024A89 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89	33k 100k 100k 100 47k 1M 10k 47k 10k 47k 10k 47k 2.7k 47k 47k 47k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 A Base Stati PART NO. 0203455A01 0284784B04 0380165J06 0380165J08	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) on Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M4x0.7, 2 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728	0611024A83 0611024A97 0611024A97 0611024A89 0611024A89 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89	33k 100k 100k 100 47k 1M 10k 47k 10k 47k 10k 47k 2.7k 47k 2.7k 47k 47k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>X Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J08 0380269H08	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M4x0.7, 2 used SCREW, tapt: M3x0.5, 15 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727	0611024A83 0611024A97 0611024A97 0611024A97 0611024A89 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89	33k 100k 100k 100 47k 1M 10k 47k 10k 47k 10k 47k 2.7k 47k 2.7k 47k 47k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>2A Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J08 0380165J08 0380269H08 0484718C05	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729	0611024A83 0611024A97 0611024A97 0611024A89 0611024A89 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>2A Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J06 0380269H08 0484718C05 0503470A01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) On Hardware DESCRIPTION NUT, lock, 2 used NUT, 10ck, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M4x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729 R720-	0611024A83 0611024A97 0611024A97 0611024A25 0611024A25 0611024B22 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 10k 10k 10k 10k 10k 10k 10		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>2A Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M4x0.7, 2 used SCREW, machine: M4x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729 R730- R730- R733 R736 R737	0611024A83 0611024A97 0611024A97 0611024A25 0611024A25 0611024B22 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 47k 10k 2.7k 47k 2.7k 47k 100k 47k 10k 10k 47k 10k 10k 10k 10k 10k 10k 10k 10		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>A Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M4x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729 R727 R728 R729 R730- R733 R736 R737 R738	0611024A83 0611024A97 0611024A97 0611024A97 0611024A89 0611024A25 0611024A23 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 10k 2.7k 47k 10k 10k 10k 47k 10k 10k 47k 10k 47k 10k 47k 47k 47k 47k 47k 47k 47k 47		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>A Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729 R730- R733 R736 R737 R738 R739	0611024A83 0611024A97 0611024A97 0611024A97 0611024A25 0611024A89 0611024A23 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A73 0611024A89 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 10k 47k 10k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 100k 47k 100k 47k 100k 100k 47k 100k 47k 100k 100k 47k 100k 100k 47k 100k 100k 47k 100k 100k 47k 100k 10k		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 A Base Stati PART NO. 0203455A01 0284784B04 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01 1582121R01 3803460A01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M4x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729 R730- R733 R736 R737 R738 R739 R739 R740	0611024A83 0611024A97 0611024A97 0611024A97 0611024A25 0611024A89 0611024A25 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 47k 10k 47k 2.7k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 47k 10k 47k 47k 10k 47k 47k 47k 47k 47k 47k 47k 47		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>X Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01 1582121R01 3803460A01 3883666N01 4203459A01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729 R730- R733 R736 R737 R738 R739 R730 R739 R740 R741	0611024A83 0611024A97 0611024A97 0611024A97 0611024A89 0611024A89 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 47k 2.7k 47k 2.7k 47k 10k 10k 47k 47k 10k 47k 47k 10k 47k 47k 47k 10k 47k 47k 47k 47k 47k 47k 47k 47		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>X Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01 1582121R01 3803466A01 3883666N01 4203459A01 4210347A03	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.7, 2 used SCREW, tapt: M3x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729 R730- R733 R736 R737 R738 R739 R730 R739 R740 R741 R742	0611024A83 0611024A97 0611024A97 0611024A97 0611024A25 0611024B22 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 47k 10k 10k 47k 2.7k 47k 2.7k 47k 10k 47k 47k 10k 47k 47k 47k 47k 47k 47k 47k 47		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>CA Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01 1582121R01 380366A01 3883666N01 3883666N01 4203459A01 4210347A03 4210347A03	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, 10ck, 2 used NUT, 10ck, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R712 R712 R713 R714 R715 R719 R727 R728 R730- R733 R736 R737 R738 R739 R730- R738 R739 R730- R738 R739 R740 R741 R742 R743	0611024A83 0611024A97 0611024A97 0611024A97 0611024A25 0611024A25 0611024A23 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89	33k 100k 100k 100 47k 1M 10k 47k 10k 47k 10k 47k 10k 47k 2.7k 47k 2.7k 47k 10k 10k 47k 10k 10k 10k 10k 10k 10k 10k 10		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>CA Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J06 0380165J06 0380165J06 0380269H08 0484718C05 0503470A01 1503441A01 1582121R01 3803460A01 3883666N01 4203459A01 4210347A04 5402334M01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) on Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, tapt: M5x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used LABEL
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R719 R727 R728 R729 R730- R733 R736 R737 R738 R739 R730 R730 R730 R740 R741 R743 R744	0611024A83 0611024A97 0611024A97 0611024A97 0611024A25 0611024A25 0611024A23 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A73 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 47k 10k 10k 47k 2.7k 47k 2.7k 47k 100k 100k 47k 100k 100k 47k 100k 100k 100k 47k 100k 100k 100k 47k 100k 100k 47k 47k 47k 47k 47k 47k 47k 47		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>CA Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01 1582121R01 3803460A01 3883666N01 4203459A01 4210347A03 4210347A03	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used LABEL LABEL, 3 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R719 R727 R728 R729 R730- R730- R730 R730 R736 R737 R738 R739 R740 R741 R742 R743 R744 R745	0611024A83 0611024A97 0611024A97 0611024A97 0611024A89 0611024A25 0611024A23 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 10k 10k 2.7k 47k 2.7k 47k 10k 10k 10k 47k 10k 10k 47k 10k 10k 47k 2.7k 47k 10k 10k 47k 10k 47k 2.7k 47k 10k 10k 47k 2.7k 47k 10k 10k 47k 2.7k 47k 10k 10k 47k 2.7k 47k 10k 10k 47k 2.7k 47k 10k 10k 47k 10k 10k 47k 10k 47k 10k 47k 47k 47k 10k 10k 47k 47k 10k 47k 47k 10k 47k 47k 10k 47k 10k 47k 47k 47k 10k 47k 47k 47k 47k 10k 47k 47k 47k 47k 47k 47k 47k 47		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>CA Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J06 0380165J06 0380165J06 0380269H08 0484718C05 0503470A01 1503441A01 1582121R01 3803460A01 3883666N01 4203459A01 4210347A04 5402334M01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used LABEL LABEL, 3 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729 R730- R730- R733 R736 R737 R738 R739 R740 R741 R742 R743 R744 R745 R746	0611024A83 0611024A97 0611024A97 0611024A97 0611024A89 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A73 0611024A89 0611024A73 0611024A89 0611024A73 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 10k 10k 10k 2.7k 47k 2.7k 47k 100k 47k 100k 47k 100k 47k 10k 10k 10k 10k 10k 10k 10k 10		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>CA Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01 1582121R01 3803460A01 3883666N01 4203459A01 4210347A03 4210347A03	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used LABEL LABEL, 3 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R712 R713 R714 R715 R719 R727 R728 R729 R730- R730 R730- R736 R737 R738 R739 R740 R741 R742 R743 R744 R745 R746 R749	0611024A83 0611024A97 0611024A97 0611024A97 0611024A97 0611024A89 0611024A25 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A73 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 47k 10k 47k 10k 47k 2.7k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 47k 10k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 10k 47k 47k 10k 47k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 47k 10k 10k 47k 47k 10k 47k 10k 47k 10k 10k 47k 10k 47k 47k 10k 10k 47k 47k 10k 47k 47k 10k 47k 47k 10k 47k 47k 10k 10k 47k 47k 10k 47k 47k 10k 10k 47k 47k 10k 10k 10k 10k 10k 10k 10k 10		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>CA Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01 1582121R01 3803460A01 3883666N01 4203459A01 4210347A03 4210347A03	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) on Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M4x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used LABEL, 3 used LOCK
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729 R730- R730- R733 R736 R737 R738 R739 R740 R741 R742 R743 R744 R745 R746	0611024A83 0611024A97 0611024A97 0611024A97 0611024A97 0611024A89 0611024B22 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 47k 10k 47k 2.7k 47k 2.7k 47k 10k 10k 47k 10k 47k 2.7k 47k 10k 10k 47k 10k 10k 47k 10k 10k 10k 47k 10k 10k 10k 10k 10k 10k 10k 10		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>CA Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01 1582121R01 3803460A01 3883666N01 4203459A01 4210347A03 4210347A03	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) ON Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used LABEL LABEL, 3 used
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729 R730- R733 R736 R737 R736 R737 R738 R739 R740 R741 R742 R743 R744 R745 R749 R751	0611024A83 0611024A97 0611024A97 0611024A97 0611024A97 0611024A89 0611024A25 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A73 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 10k 10k 10k 10k 10k 2.7k 47k 2.7k 47k 10k 10k 10k 10k 10k 47k 2.7k 47k 10k 10k 10k 10k 10k 10k 10k 10		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>CA Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J06 0380165J06 0380165J06 0380165J06 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01 1582121R01 3803460A01 383666N01 4203459A01 4210347A04 5402335M01 5503454A01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) on Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used LABEL, 3 used LOCK
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R719 R727 R728 R730- R733 R736 R737 R738 R739 R730- R738 R739 R740 R741 R742 R743 R744 R745 R746 R745 R746 R751 R752	0611024A83 0611024A97 0611024A97 0611024A97 0611024A97 0611024A89 0611024B22 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 10k 47k 10k 47k 10k 47k 10k 47k 2.7k 47k 2.7k 47k 100k 47k 100k 47k 2.7k 47k 100k 100k 47k 100k 100k 47k 100k 100k 47k 100k 100k 47k 100k 100k 47k 47k 100k 100k 47k 47k 47k 47k 47k 47k 47k 47		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>A Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J06 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 1503441A01 1582121R01 3803460A01 3803460A01 3883666N01 4203459A01 4210347A04 5402335M01 5503454A01 5503454A01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) on Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used LABEL LABEL, 3 used LOCK
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R712 R713 R714 R715 R717 R718 R719 R727 R728 R729 R730- R733 R736 R737 R738 R737 R738 R730- R737 R738 R739 R740 R741 R742 R743 R744 R745 R746 R749 R751 R752 R760	0611024A83 0611024A97 0611024A97 0611024A97 0611024A25 0611024A25 0611024A23 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 47k 10k 10k 47k 2.7k 47k 47k 47k 10k 10k 47k 2.7k 47k 10k 10k 47k 2.7k 47k 10k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 47k 10k 47k 10k 47k 10k 47k 10k 10k 47k 10k 47k 10k 10k 47k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 47k 10k 10k 10k 47k 10k 10k 10k 10k 10k 10k 10k 10		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>A Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01 1582121R01 3803460A01 3883666N01 4203459A01 4210347A03 4210347A03 4210347A03 4210347A04 5402335M01 5503454A01 5503454A01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) on Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.8x8mm SCREW, machine: M5x0.7, 2 used SCREW, tapt: M3x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used LABEL, 3 used LOCK
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729 R730- R730- R730- R730 R736 R737 R738 R739 R740 R741 R742 R743 R744 R745 R745 R746 R749 R751 R752 R760 R761 R762 R763	0611024A83 0611024A97 0611024A97 0611024A97 0611024A97 0611024A89 0611024A25 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 10k 10k 2.7k 47k 2.7k 47k 100k 47k 100k 47k 100k 47k 100k 47k 10k 10k 10k 10k 10k 10k 10k 10		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>A Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01 1582121R01 3803460A01 3883666N01 4203459A01 4210347A03 4210347A03 4210347A03 4210347A04 5402335M01 5503454A01 5503454A01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) on Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M4x0.7, 2 used SCREW, machine: M4x0.7, 2 used SCREW, tapt: M5x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used IAREL LABEL, 3 used LOCK
R614 R615 R616 R617 R702 R703 R704 R705 R706 R707 R711 R712 R713 R714 R715 R719 R727 R728 R729 R730- R733 R736 R737 R738 R739 R740 R741 R742 R743 R744 R745 R746 R745 R746 R745 R746 R745 R746 R745 R746 R745 R746 R745 R746 R745 R746 R745 R746 R745 R746 R745 R746 R745 R746 R745 R746 R745 R746 R747 R746 R747 R746 R747 R746 R747 R747	0611024A83 0611024A97 0611024A97 0611024A97 0611024A25 0611024A25 0611024A23 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A89 0611024A73 0611024A89 0611024A89 0611024A73 0611024A89 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	33k 100k 100k 100 47k 1M 10k 47k 10k 10k 10k 10k 2.7k 47k 2.7k 47k 100k 47k 100k 47k 100k 47k 100k 47k 10k 10k 10k 10k 10k 10k 10k 10		1480067K01 1482392E02 1480066K01 7505295B01 2680212H01 0980269B04 0980269B08 <b>A Base Stati</b> <b>PART NO.</b> 0203455A01 0284784B04 0380165J06 0380165J08 0380269H08 0484718C05 0503470A01 0782406R01 1503441A01 1582121R01 3803460A01 3883666N01 4203459A01 4210347A03 4210347A03 4210347A03 4210347A04 5503454A01 5503454A01 5503454A01 5503454A01	INSULATOR, connector INSULATOR, cover INSULATOR, audio regulator PAD, crystal base HEAT SINK SOCKET, DIL (U701) SOCKET, DIL (U703) on Hardware DESCRIPTION NUT, lock, 2 used NUT, M3, hex, 2 used SCREW, machine: M5x0.8x8mm SCREW, machine: M4x0.7, 2 used SCREW, machine: M4x0.7, 2 used SCREW, tapt: M5x0.5, 15 used LOCKWASHER, A3.7, 2 used GROMMET BRACKET, PA, 2 used COVER, terminal block COVER, housing BUTTON, 3 used CAP, button CLIP CLIP, cable, 2 used IAREL LABEL, 3 used LOCK

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GLN6815	A Omit Wirel	ine Control TRC Board	Q810	4802081B30	M1B30 (alt: M1B10)
			Q812	4802081B30	
SYMBOL	PART NO.	DESCRIPTION	Q813	4802081B30	
			Q814	4802081B31	
		<u>CAPACITOR:</u> fixed pF 5% 50V	Q815	4802081B30	M1B30 (alt: M1B10)
		unless otherwise stated	Q816	4802081B30	
C800	2311019A46	100uF 20% 25V	Q828	4802081B30	M1B30 (alt: M1B10)
C801	0811051A15	0.22uF 63V	Q829	4802081B30	M1B30 (alt: M1B10)
303	2111032A21	0.01uF 10% (chip)	Q830	4802081B30	M1B30 (alt: M1B10)
2805	2311048B11	10uF 20% 35V	Q832-		
806	2111032A21	0.01uF 10% (chip)	Q834	4802081B30	M1B30 (alt: M1B10)
807	2111031A39	100 (chip)	-		· · · ·
808	2111032A21	0.01uF 10% (chip)			RESISTOR: fixed 5%
810	2111031A55	470 (chip)			unless otherwise st
811	2311019A46	100uF 20% 25V	<b>R800</b>	0610024A25	100
812	0811051A15	0.22uF 63V	R801	0611024A43	560
813	0811051A15	0.22uF 63V	R804	0602369M52	18k 0.6W
C814	2111031A47	220 (chip)	R805	0611024A79	18k
C815	2311019A46	100uF 207 25V	R807	0611024A73	10k
2816	2302308M01	1000uF +100-10% 20V	R808	0602369M52	18k 0.6W
817	2111031A47	220 (chip)	R809	0611024A79	18k
818	2311048B09	4.7uF 20% 35V	R810	0611024A97	100k
819	0811051A13	0.luF 63V	R812	0611024A97	100k
820	0811051A15	0.22uF 63V	R813	0611024A73	10k
C822	0811051A13		R814	0611024A85	33k

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C834 C887 C888 C889 C890 C891

Q809

4800869619 M9619

	C891	2111032A21	0.01uF 10% (chip)
	C892	2311048B11	10uF 20% 35V
	C893	2111032A21	0.01uF 10% (chip)
-	C894	2311019A46	100uF 20% 25V
	C898	0811051A01	0.001uF 63V
	C899	2311019A46	100uF 20% 25V
	C908	2311048B06	
	C915	2311048B11	10uF 20% 35 V (GLN6767A only)
	C916	0811051A13	
	C945	2111031A29	
	C946	0811051A07	
	C947	0811051A07	
	C960	2360561B21	
	C961	2360561B21	
	C962	2360561B21	
	0,02	2000001021	
			DIODE: (SEE NOTE)
	CR800	4883654H01	Silicon
	CR803	4883654H01	Silicon
	CR804	4883654H01	Silicon
		4883654H01	Silicon
		4883654H02	
		4883654H01	
		4883654H01	Silion
	CR829	4883654H01	Silicon
		4883654H01	Silicon
	CR834-		a / 1 ·
	CR836	4884350P01	Silicon
			LED: (SEE NOTE)
	DS800	4880058K01	red (SEE NOIE)
	03000	40000J0K01	reu
			CONNECTOR:
	J3	0980023J01	
	J6	0980179H03	
		0980023J01	Female 6-contact
	Jo, J9	0980023001	remaie o-contact
			IIINO ZD.
		0611000003	JUMPER:
	JU12	0611009D23	Jumper
	JU22	0611009D23	Jumper
	JU26	0611009D23	Jumper
	JU29	0611009D23	Jumper
			( A)1717 AT AD .
		0005/01/00/	CONNECTOR:
	P2A,B	0905604C06	Socket speaker 2-contact
	P4	2882697R14	
	P5	2882697 R05	Male 6-contact
	P7	2883441F08	Male 7-contact
			TRANSISTOR: (SEE NOTE)
	•		M1B30 (alt: M1B10)
		4802081B30	
	Q807	4802081B30	M1B30 (alt: M1B10)
	0000	4900960610	M0610

0811051A15 0.10F 65V 2111032A21 0.01uF 10% (chip) 08811051A12 0.068uF 63V 2111032A21 0.01uF 10% (chip) 2111031A61 0.001uF (chip) 0811051A06 0.0068uF 63V 2111032A21 0.01uF 10% (chip) 211104 B11 10uF 20% 35V

010	4002001830	MIBSO (alt: MIBIO)
Q812	4802081B30	
Q813	4802081B30 4802081B31	
Q814 0815	4002001031	M1B31 (alt: M1B11) M1B30 (alt: M1B10)
Q816	4002001030	M1B30 (alt: M1B10)
Q828	4802081830	
Q829	4802081830	
Q830	4802081B30	M1B30 (alt: M1B10)
Q832-	4002002000	MIDJO (AIC: MIDIO)
Q834	4802081B30	M1B30 (alt: M1B10)
4004	4002001250	
		RESISTOR: fixed 5% 1/8W
		unless otherwise stated
<b>R800</b>	0610024A25	100
R801	0611024A43	560
R804	0602369M52	18k 0.6W
R805	0611024A79	
R807	0611024A73	10k
R808	0602369M52	18k 0.6W
R809	0611024A79	18k
R810	0611024A97	100k
R812	0611024A97	100k
R813	0611024A73 0611024A85	10k
R814	0611024 <b>A</b> 85	33k
R815	0611024A89	47k
R816	0611024A97	100k
R817	0611024A25	100 variable 20k 10% 0.5W
R818		
R819	0611024 <b>A</b> 89	47k
R820		variable 100k
R822	0602369M52	
R824	0611024A85	
R825	0611024A73	
R833	0611024A89	
R835	0611024A79	
R836	0611024A73	
R838	0611024A53	
R839	0611024A73	10k
R840	0602369M06	2.7 0.6W
R842	0611024A87	39k
R843	0611024A87	39k
R844	0611024A89	47k
R845 R870	0611024B02 0611024A73	150k
R871	0611024A75	
R872	0611024B06	
R874	0611024A56	2k
R875		75k
R881	0611024A73	10k
R882	0611024A89	47k
R888	0611024A56	2k
R889	0611024A97	100k
R915	0611024A73	10k
R922	0602369M61	100k 0.6W
R923	0602369M58	56k 0.6W
R924	0602369M54	27k 0.6W
R925	0611024A89	47k
R934	0611024A73	10k
R937	0611024A73	10k
R940	0611024A73	10k
R941	0611024A73	10k
R945	0611024A56	2k
R946	0611024A73	10k
R947	0611024B06	220k
R948	0611024A89	47k
R949	0611024 B06	220k
R950	0611024A89	47k
R951	0611024A97	100k
R952	0611024A73	10k
R953	0611024A89	47k
R954	0611024A97	100k
R955	0611024A97	100k
R956	0611024A73	10k
R976	0611024A73	10k
R977	0611024A73	10k
R978	0611024A89	47k 10k
R980 R981	0611024A73 0611024A65	10k 4.7k
R981 R982	0610621C18	1740 1% 0.25W
R983	0610621018	2.210k 1% 0.25W
R987	0602369M31	330 5% 0.6W
R984	0611024A73	10k
R985	0611024A45	820

<b>R986</b>	0611024A45	820
R991	0611024A79	
R992	0611024A79	18k
R993	0611024A85	33k
R994	0611024A73	
R997	0611024A79	18k
R998	0611024A89	47k
R1000	0611024A85	
R1005	0611024A89	47k
R1007	0611024A73	10k
R1008	0602369M57	47k 0.6W
R1009	0602369M57	
		47k 0.6W
R1010	0611024 <b>A</b> 89	47k
R1011	0611024A89	47k
R1012	0611024A53	1.5k
R1013	0611024A89	47k
R1014	0611024A79	18k
R1015	0611024A79	18k
R1017	0611024A71	8.2k
R1026	0611024A89	47k
R1028	0611024A89	47k
R1037	0611024A56	2k
R1045	<b>0611024B14</b>	470k
R1046	0611024A73	10k
R1050	0611024A89	47k
R1055	0611024A65	4.7k
R1056	0611024A96	91k
R1057	0611024A89	47k
R1059		• • • •
	0611024A57	2.2k
R1060	0611024A89	47k
R1061	0602369M51	15k 0.6W
R1062	0611024A89	
		47k
R1063	0611024A73	10k
R1064-		
R1068	0611024A89	47k
R1072	0611024A73	10k
R1074	0611024A65	4.7k
R1084	0611024A73	10k
R1085	0602369M57	
-		47k 0.6W
R1086	0602369M49	10k 0.6W
R1088	0611024A25	100
R1093	0611024A73	10k
R1095	0611024 <b>A</b> 81	22k
R1096	0611024A89	47k
R1097	0611024A89	47k
R1099	0611024A81	22k
R1100	0611024A81	22k
R1101	0611024A81	22k
		—
R1102	0611024A81	22k
R1103	0611024A81	22k
R1104	0611024A81	22k
R1106	0611024A25	
	U011U24A25	100
R1107		
	0611024A89	47k
R1108		
R1108	0611024A81	22k
R1108 R1109	0611024A81 0611024A81	2 2k 2 2k
R1108 R1109 R1110	0611024A81	22k
R1108 R1109	0611024A81 0611024A81	22k 22k 1.8k
R1108 R1109 R1110 R1111	0611024A81 0611024A81 0611024A53 0611024A73	22k 22k 1.8k 10k
R1108 R1109 R1110 R1111 R1113	0611024A81 0611024A81 0611024A53 0611024A73 0611024A79	22k 22k 1.8k 10k 18k
R1108 R1109 R1110 R1111 R1113 R1114	0611024A81 0611024A81 0611024A53 0611024A73 0611024A79 0611024A73	22k 22k 1.8k 10k 18k 10k
R1108 R1109 R1110 R1111 R1113	0611024A81 0611024A81 0611024A53 0611024A73 0611024A79	22k 22k 1.8k 10k 18k
R1108 R1109 R1110 R1111 R1113 R1114	0611024A81 0611024A81 0611024A53 0611024A73 0611024A79 0611024A73	22k 22k 1.8k 10k 18k 10k
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117-	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73	22k 22k 1.8k 10k 18k 10k 10k
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	22k 22k 1.8k 10k 18k 10k 10k
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117-	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73	22k 22k 1.8k 10k 18k 10k 10k
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	22k 22k 1.8k 10k 18k 10k 10k
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73	22k 22k 1.8k 10k 18k 10k 10k 10k 1.8k
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53	22k 22k 1.8k 10k 18k 10k 10k 1.8k SWITCH:
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53	22k 22k 1.8k 10k 18k 10k 10k 1.8k <u>SWITCH:</u> 8lide, 300mA 24V
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53	22k 22k 1.8k 10k 18k 10k 10k 1.8k <u>SWITCH:</u> 8lide, 300mA 24V
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 0611024A53	22k 22k 1.8k 10k 18k 10k 10k 10k 1.8k SWITCH: 81ide, 300mA 24V 81ide, 300mA 24V
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53	22k 22k 22k 1.8k 10k 18k 10k 10k 1.8k <u>SWITCH:</u> Slide, 300mA 24V Slide, 300mA 24V Miniature momentary
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 0611024A53	22k 22k 1.8k 10k 18k 10k 10k 10k 1.8k SWITCH: 81ide, 300mA 24V 81ide, 300mA 24V
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53	22k 22k 22k 1.8k 10k 18k 10k 10k 1.8k <u>SWITCH:</u> Slide, 300mA 24V Slide, 300mA 24V Miniature momentary
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53	22k 22k 22k 1.8k 10k 18k 10k 10k 1.8k <u>SWITCH:</u> <u>Slide, 300mA 24V</u> Slide, 300mA 24V Slide, 300mA 24V
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01	22k 22k 22k 1.8k 10k 18k 10k 10k 10k 1.8k <u>SWITCH:</u> 8lide, 300mA 24V Slide, 300mA 24V Miniature momentary 8lide, 300mA 24V <u>TEST POINTS:</u>
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01 4003445A01	22k 22k 22k 1.8k 10k 18k 10k 10k 10k 1.8k SWITCH: Slide, 300mA 24V Slide, 300mA 24V Miniature momentary Slide, 300mA 24V TEST POINTS: Plug connector
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01	22k 22k 22k 1.8k 10k 18k 10k 10k 10k 1.8k <u>SWITCH:</u> 8lide, 300mA 24V Slide, 300mA 24V Miniature momentary 8lide, 300mA 24V <u>TEST POINTS:</u>
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01 4003445A01	22k 22k 22k 1.8k 10k 18k 10k 10k 10k 1.8k SWITCH: Slide, 300mA 24V Slide, 300mA 24V Miniature momentary Slide, 300mA 24V TEST POINTS: Plug connector
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01 4003445A01	22k 22k 22k 1.8k 10k 18k 10k 10k 10k 1.8k SWITCH: Slide, 300mA 24V Slide, 300mA 24V Miniature momentary Slide, 300mA 24V <u>TEST POINTS:</u> Plug connector Plug connector
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01 4003445A01	22k 22k 22k 1.8k 10k 18k 10k 10k 10k 1.8k SWITCH: Slide, 300mA 24V Slide, 300mA 24V Miniature momentary Slide, 300mA 24V TEST POINTS: Plug connector
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP U800-	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01 2802002M15 2802002M15	22k 22k 22k 1.8k 10k 18k 10k 10k 10k 1.8k SWITCH: Slide, 300mA 24V Slide, 300mA 24V Miniature momentary Slide, 300mA 24V <u>TEST POINTS:</u> Plug connector Plug connector
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01 4003445A01	22k 22k 22k 1.8k 10k 18k 10k 10k 10k 1.8k SWITCH: Slide, 300mA 24V Slide, 300mA 24V Miniature momentary Slide, 300mA 24V <u>TEST POINTS:</u> Plug connector Plug connector
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP U800-	0611024A81 0611024A81 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01 2802002M15 2802002M15 2802002M15	22k 22k 22k 22k 1.8k 10k 10k 10k 10k 1.8k <u>SWITCH:</u> <u>Slide, 300mA 24V</u> Slide, 300mA 24V <u>TEST POINTS:</u> Plug connector Plug connector <u>INTEGRATED CIRCUIT:</u> (SEE NOTE) Quad op amp
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP U800- U800- U802 U803	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01 4003445A01 2802002M15 2802002M15 2802002M15 2802002M15	22k 22k 22k 22k 1.8k 10k 10k 10k 10k 10k 1.8k <u>SWITCH:</u> <u>Slide, 300mA 24V</u> <u>Slide, 300mA 24V</u> <u>Miniature momentary</u> <u>Slide, 300mA 24V</u> <u>TEST POINTS:</u> <u>Plug connector</u> <u>Plug connector</u> <u>Plug connector</u> <u>Plug connector</u> <u>INTEGRATED CIRCUIT:</u> (SEE NOTE) Quad op amp Op amp
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP U800- U802 U803 U809	0611024A81 0611024A81 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01 4003445A01 2802002M15 2802002M15 2802002M15 2802002M15 2802002M15 2802002M15 2802002M15	22k 22k 22k 22k 1.8k 10k 10k 10k 10k 1.8k <u>SWITCH:</u> <u>Slide, 300mA 24V</u> Slide, 300mA 24V <u>Miniature momentary</u> <u>Slide, 300mA 24V</u> <u>TEST POINTS:</u> <u>Plug connector</u> <u>Plug connector</u> <u>Plug connector</u> <u>INTEGRATED CIRCUIT:</u> (SEE NOTE) Quad op amp Op amp Quad 2-input OR gate
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP U800- U803 U809 U811	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01 4003445A01 2802002M15	22k 22k 22k 22k 1.8k 10k 10k 10k 10k 10k 1.8k <u>SWITCH:</u> <u>Slide, 300mA 24V</u> <u>Slide, 300mA 24V</u> <u>Miniature momentary</u> <u>Slide, 300mA 24V</u> <u>TEST POINTS:</u> <u>Plug connector</u> <u>Plug connector</u> <u>Plug connector</u> <u>Plug connector</u> <u>INTEGRATED CIRCUIT:</u> (SEE NOTE) Quad op amp Op amp
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP U800- U802 U803 U809	0611024A81 0611024A81 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01 4003445A01 2802002M15 2802002M15 2802002M15 2802002M15 2802002M15 2802002M15 2802002M15	22k 22k 22k 22k 1.8k 10k 10k 10k 10k 1.8k <u>SWITCH:</u> 8lide, 300mA 24V Slide, 300mA 24V Miniature momentary Slide, 300mA 24V <u>TEST POINTS:</u> Plug connector Plug connector <u>INTEGRATED CIRCUIT:</u> (SEE NOTE) Quad op amp Op amp Quad 2-input OR gate Triple 3-input AND gate
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP U800- U802 U803 U809 U811 U812	0611024A81 0611024A81 0611024A53 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A73 0611024A53 4003445A01 4003445A01 4003445A01 4003445A01 2802002M15	22k 22k 22k 22k 22k 1.8k 10k 18k 10k 10k 10k 1.8k <u>SWITCH:</u> <u>Slide, 300mA 24V</u> Miniature momentary Slide, 300mA 24V <u>TEST POINTS:</u> Plug connector Plug connector <u>INTEGRATED CIRCUIT:</u> (SEE NOTE) Quad op amp Op amp Quad 2-input OR gate Triple 3-input AND gate Hex inverting buffer
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP U800- U802 U800- U802 U803 U809 U811 U812 U814	0611024A81 0611024A81 0611024A73 0610245A01 400345A01 400345A01 400345A01 5183629M18 5183629M28 5183627M92	22k 22k 22k 22k 22k 1.8k 10k 10k 10k 10k 10k 1.8k <u>SWITCH:</u> <u>Slide, 300mA 24V</u> <u>Miniature momentary</u> <u>Slide, 300mA 24V</u> <u>TEST POINTS:</u> Plug connector <u>Plug connector</u> <u>Plug connector</u> <u>INTEGRATED CIRCUIT:</u> (SEE NOTE) Quad op amp Quad 2-input OR gate Triple 3-input AND gate Hex inverting buffer Hex trigger
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP U800- U802 U803 U809 U811 U814 U814 U821	0611024A81 0611024A81 0611024A73 06110247 078 078 078 078 078 078 078 078 078 07	22k 22k 22k 22k 22k 1.8k 10k 10k 10k 10k 10k 1.8k <u>SWITCH:</u> <u>Slide, 300mA 24V</u> Slide, 300mA 24V <u>TEST POINTS:</u> Plug connector Plug connector <u>INTEGRATED CIRCUIT:</u> (SEE NOTE) Quad op amp Op amp Quad 2-input OR gate Triple 3-input AND gate Hex inverting buffer Hex trigger Quad bilateral switch
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP U800- U802 U800- U802 U803 U809 U811 U812 U814	0611024A81 0611024A81 0611024A73 0610245A01 400345A01 400345A01 400345A01 5183629M18 5183629M28 5183627M92	22k 22k 22k 22k 22k 1.8k 10k 10k 10k 10k 10k 1.8k <u>SWITCH:</u> <u>Slide, 300mA 24V</u> Slide, 300mA 24V <u>TEST POINTS:</u> Plug connector Plug connector <u>INTEGRATED CIRCUIT:</u> (SEE NOTE) Quad op amp Op amp Quad 2-input OR gate Triple 3-input AND gate Hex inverting buffer Hex trigger Quad bilateral switch
R1108 R1109 R1110 R1111 R1113 R1114 R1115 R1117- R1121 R1122 S801 S802 S803 S806 TP01 GNP U800- U802 U803 U809 U811 U814 U814 U821	0611024A81 0611024A81 0611024A73 06110247 078 078 078 078 078 078 078 078 078 07	22k 22k 22k 22k 22k 1.8k 10k 10k 10k 10k 10k 1.8k <u>SWITCH:</u> <u>Slide, 300mA 24V</u> <u>Miniature momentary</u> <u>Slide, 300mA 24V</u> <u>TEST POINTS:</u> Plug connector <u>Plug connector</u> <u>Plug connector</u> <u>INTEGRATED CIRCUIT:</u> (SEE NOTE) Quad op amp Quad 2-input OR gate Triple 3-input AND gate Hex inverting buffer Hex trigger

	F1 00 00/ - 1/	
U823	5182884L14	
V824	5183629M18	
U825	5182884L05	Quad 2-input NAND gate
<b>U826</b>	5182884L51	
<b>U827</b>	5184371K76	Dual timer
U828	5182884164	
U829	5182884105	
U832	5182884L04	Quad 2-input NOR gate
U839	5182609M33	Dual op amp
		·
		TENED DIODE. (OBE NOTE)
	0000//1-/0	ZENER DIODE: (SEE NOTE)
V R800	3883461E40	Zener type
GLN686	1A Wall Mount	ting Hardware
SYMBOL	PART NO.	DESCRIPTION
ULIMOU	Indi NV.	DEBURIFIION
	000/70/000	
		SCREW, tapping 4-8x38", 3 used
	3803460A01	BUTTON, plug, 6 used
GLN687	8A Enhanced 1	fRC Board
CALCULAR OF	PART NO.	NE CONTINUT ON
SIMDUL	PART NU.	DESCRIPTION
		CAPACITOR: fixed uF 5% 50V
		unless otherwise stated
C1. C2	2 <b>111032B15</b>	0.22 +80-20% (chip)
C3	2111032B15	
C4	2111032B15	
C6	2111032A21	0.01 10% (chip)
C7	2111031A39	100pF (chip)
C8	2111032A21	
C9	2111031A39	
C10	2311013D01	1 10% 200
C11	2111031A29	
C12	2111031A25	
C13	0811051A15	0.22 63V
C14	2111032B15	0.22 +80-20% (chip)
C15	2111031A15	
C16	2111032B15	
C17	0811051A13	0.1 63V
C18	2183162H36	
C19	2100861439	
C20		
	0811051A15	
C21	0811051A13	
C22	0811051A04	0.0033 63V
C23	0811051A13	0.1 63V
C24	2183162H36	0.01
C25	2100861439	345pF 10% 75V
C26	0811051A15	0.22 63V
C27	0811051A13	0.1 63V
C28		
	0811051A04	0.0033 63V
C29	0811051A13	0.1 63V
C30	2183162H36	0.01
C31	2100861439	345 pF 10% 75V
C32	0811051A15	0.22 63V
C33	0811051A13	0.1 63V
C34	0811051A04	0.0033 63V
C35	0811051A13	0.1 63V
C36	2183162H36	0.01
C37	2100861439	
		345 pF 10% 75V
C38	0811051A15	0.22 63V
C39	0811051A13	0.1 63V
C40	0811051A04	0.0033 63V
C41	2111031A65	1800pF (chip)
C42	0811051A09	0.022 63V
C43	2111032A13	0.0022 10%
C44	0811051A15	0.22 63V
	-	
C45	2111032B15	0.22 +80-20% (chip)
C46	2360561B21	220 20% 25V
C48	2311048B05	1 20%
C49	2311048B11	10 20% 35V
C50	2311048B11	10 20% 35V
C51	2111031A39	100pF (chip)
C52	2311048B11	10 20% 35V
C53-	_011040D11	LV 200 JJT
	2111022012	0 1 +80-209 (-+=)
C59	2111032B13	······································
C60	2111032B13	0.1 +80-20% (chip)
C61	2111032B13	0.1 +80-20% (chip)
C62	2111032B13	
C63	2111032B13	0.1 +80-20% (chip)
C64	0811051A13	

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		DIODE: (SEE NOTE)	R57	1902/6/ 102	
CR1-CR4	4883654H01		R58	1803464A03 0611024B14	
CR6-			· R59	0611024A73	
CR13	4883654H01	Silicon	R60	0602366M93	
CR16- CR20	4883654H01	Cili	R61	0611024B22	
CR22	4883654H01		R62 R63	0611024B12	
CR23	4884350P01		R64	1803464A03 0611024B14	
	•		R65	0611024A73	
		CONNECTOR:	R66	0602366 <b>M</b> 94	
J1 J2	2882697R03 2882697R05	Male 4-contact Male 6-contact	R67	0611024B22	
J3	2882984N04		R68 R69	0611024B12 1803464A03	
J4	2880261H01	Male 11-contact	R70	0611024B14	
J5	2880261H03	Male 4-contact	R71	0611024A73	10k
	·	JUMPER:	R72		82k 1% 0.39W
JU1-		JOFF ER.	R73 R74	0611024B22 0611024B12	
JU10	0611009D23	Jumper	R75	1803464A03	
JU13	0611009D23		R76	0611024B14	
JU14	0611009D23		R77	0611024A99	
JU19 JU21	0611009D23 0611009D23		R78	0611024806	
JU23	0611009D23		R79 R80	0611024A71 0611024A95	
JU25	0611009D23		R81	0602367M13	
JU28-			R82	0611024A97	
JU30	0611009D23	Jumper	R83	0602369M66	
		TRANSISTOR: (SEE NOTE)	R84	0611024A97	
Q1	4880214G01	MMBT3906	R85 R86	0602369M31 0611024A73	
Q2-Q4	4880214G02		R87	0611024A73	
Q5	4880214G01		R88	0611024A57	
Q6-Q8	4880214G02		R89	0611024B22	1M
010.012	4800869707 4800869787	M9787	R90 R91	0611024A49	lk
Q13,Q14	4880214G02	MMBT3904	R91 R92	0611024A49 0611024A65	1k 4.7k
Q15			R93-	0011024185	70/R
			R95	0611024A83	
		RESISTOR: fixed 5% 1/8W (chip) unless otherwise stated	R96	0602369M57	
R1-R4	0611024 B22		R97 R98	0611024A81 0602369M45	22k 4.7k 0.6W
R6, R7	0611024A77		R99	0611024A77	15k
	0611024A79		R100	0602369M45	
R9 R10	0611024A89 0611024A73		R101-		
R10 R11	0611024A73	10k	R102 R103	0602369M53 0602369M34	
R12	0611024A89		R105	0602369M34	560 0.6W 560 0.6W
R13	0611024A89	47k	R105	0611024A89	47k
R14 R15	0611024A73	10k	R106	0611024A89	47k
R16	0611024A89 0611024A77		R107 R108-	0611024A79	18k
R17	0611024A77		R108-	0611024 B20	820k
R18	0611024A79		R112	0611024A97	100k
R19	0611024A89		R113	0611024A73	10k
R20 R21	0611024A73 0611024A73		R114	0611024B22	1M
R22	0611024A89		R115- R117	0611024A81	22k
R23	0611024A89		R118-	0011024801	226
R24	0611024A73		R121	0611024A73	10k
R25 R26-	0611024A89	4/k	R122	0611024B23	Jumper
R33	0611024 B20	820k	R123 R124	0611024A73 0611024B23	10k Jumper
R34	0611024B02		R125	0611024B23	10k
R35	0602369M45				
R36 R37	0602369M66				SWITCH:
R38	0611024A97 0602369M53		S1-S4	4003429A01	Momentary
R39	0602369M53				TEST POINT:
R40	0611024A83		TP1	2802002M16	
	0611024A97	100k	TP2	2802002M15	
R42 R43	0602369M34	560 0.6W	TP3	2802002M16	•
	0611024A83 0611024A83		TP4 TP5	2802002M15 2802002M16	0
	0611024A97	100k	TP6	2802002M16 2802002M15	Plug connector Plug connector
	0602369M34	560 0.6W	TP7	2802002M16	Plug connector
	0611024A83		TP8	2802002M15	Plug connector
	0611024 B22 0611024 A85	1M 33k			
	0611024A81		U1-U3	5182884L14	INTEGRATED CIRCUIT: (SEE NOTE) Quad bilateral switch
R51	0611024B06		01-03 04	5183627M92	Hex Schmitt trigger multivib
		10k	U5, U6	5197020C01	LCD III microprocessor
	0602366M92		U7	5182884108	Dual 4-input NAND gate
-	0611024B22 0611024B12	1M 390k	U8 U9	5182884L05	Quad 2-input NAND gate
-			07	5182884102	Hex inverting buffer

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U12 U13	5182884L0 5182884L0	4 7-stage binary counter 8 Dual 4-input NAND gate 5 Quad 2-input NAND gate 0 Phase lock loop	TP476 TP477	2802002M1 2802002M1	TEST POINT: 5 Male, single contact 5 Male, single contact			
U18 U19 U20 U21	5184621K9 5183627M9 5182884L0 5184887K5	6 +5 V voltage regulator 2 Hex Schmitt trigger multivib 8 Dual 4-input NAND gate 3 Dual monostable multivibrator	U476 U477	5184320A79 5182609M33	INTEGRATED CIRCUIT: (SEE NOTE) 9 Amplifier diff/prec 3 Dual op amp			
U22	518288415	5182884L55 Frequency divider		GLN6900A DC Power Only Hardware Kit				
VR14	4882256C30			PART NO.	DESCRIPTION			
VR15 VR21	4882256C3( 4883461E4(				FUSE:			
¥1	CRYSTAL: 4805705G02 Resonator 400kHz		F1	6584711C16				
		NON-REFERENCED ITEM: ESCUTCHEON	P7	1583498F15 2983499F01	<u>CONNECTOR:</u> Housing, 7-contact Terminal, 2 used			
GLN68		ion EEPROM Kit		0284719001	NON-REFERENCED ITEMS: NUT, hex 5, 3 used			
GLN688	BOA Repeater	EEPROM Kit		0380269H06	SCREW M5x16 SCREW M3x0.5, 2 used SCREW M4x0.7, 4 used			
SYMBOI	L PART NO.	DESCRIPTION		0380269h08	SCREW MAX0.7, 4 used SCREW M3x0.5, 2 used LOCKWASHER, 2 used			
U702	5197014 BO2	INTEGRATED CIRCUIT: (SEE NOTE) 128 x 8 EEPROM		1503433A01 1503475A01	COVER, battery COVER, AC connector COVER, radio			
GLN688	A RAT Decod	er Code Plug		2682152R01 5402335M01	HEAT SINK LABEL			
SYMBOL	PART NO.	DESCRIPTION		4384798F01	STRAP, tie, 4 used INSERT, polarizing key FEMALE, contact, 2 used			
U702 U703	5197014 BO2 5197014 BO2	INTEGRATED CIRCUIT: (SEE NOTE) 128x8 EEPROM 128x8 EEPROM		1484710C01 2802098M03 3102101M02	FUSEHOLDER, body FEMALE, contact, 2 used TERMINAL, strip			
GLN689	8A 10W DC Tn	terconnect Board		4184707C01	SPRING			
	PART NO.	DESCRIPTION	GLN6901	lA Coaxial Co	onnector, Receiver			
		CONNECTOR:	SYMBOL	PART NO.	DESCRIPTION			
J1, J2 J3–J5	2882697R03 2910231A10	Male, 4-contact Terminal, single contact	J9	0982442E01	<u>CONNECTOR:</u> Female, single contact			
JU476	0611009D23	JUMPER: Jumper		0380269108	NON-REFERENCED ITEMS: SCREW, tapt M3x0.5, 2 used			
JU482	3010286A12	Wire #16		0703432A01 1500483599 3080116K05	BRACKET, connector UHF HOOD, receptacle			
GLN6899	9A 25W Curren	nt Limiter Board		4203471A01	CABLE, coaxial CLIP, ground			
SYMBOL	PART NO.	DESCRIPTION	GLN6904	GLN6904A Fuse 110/120VAC, 10W Transmitter				
C476-	0111000.001	CAPACITOR: fixed uF 10% 50V		PART NO.	DESCRIPTION			
C483	2111032821	0.01 (chip)		6584711C21	FUSE, T3.16A			
CR476	4883654H01	<u>DIODE:</u> (SEE NOTE) Silicon	<i></i>		· · · · · · · · · · · · · · · · · · ·			
J1	2882697R03	CONNECTOR, receptacle: Male, 4 position			20VAC, 25W Transmitter			
J2 J3-J5	2882697 R03 2910231A10	Hdr plug	SIMBOL	PART NO.	DESCRIPTION			
		RESISTOR: fixed chip 5% 0.125W unless otherwise stated	<b>(71 N6</b> 009	6584711C11	FUSE OV Operation			
R476 R477	0611024A77 1802099B02			PART NO.				
R478- R480	0611024A68		JINDOL	TARI NO.	CONNECTOR, receptacle:			
R481 R482	0611024A45 1782620B03		J9	0982442E01	Female, single contact			
R483 R484	0611024A49 0602366M81	1k 22k 1% 0.39W		0284784 <b>B</b> 02	NON-REFERENCED ITEMS:			
R485 R486	0611024A49 0611024A89	1k 47k		0390165J09	SCREW, machine			
R487 R488	0611024A97 0611024A60	100k		0384725C04	SCREW, M3.5x0.6x10 SCREW, M3.5x13			
R489	0611024A60 0611024A57	3k 2.2k		0484718C02	LOCKWASHER A4.3 HOUSING, junction			
				1000400101	noosing, junction			

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•	2802138M04	RECEPTACLE, ac				CONNECTOR:	
	2984770A06	LUG		J 1	1583498F37		or 6 Postn: and:
		GRILLE, fan		JI	2983499F01		
•		CLIP, nylon		J 2	1583498F04		
		STRAP, tie		J 2	2983499F01		
		FAN, cooling		J 3	0102716B38		GPN1007A/1009A
	6584711C09	FUSE 250V T0.254	A	J 7	3102101M02	Term Strip Bat	GPN1009A/1010A
GLN6909	A Duplexer H	lardware, Wall Mou	nt	JU 2	0611009D23	JUMPER: Jumper	
		•		JU101	0611009D23	Jumper	
SYMBOL	PART NO.	DESCRIPTION		JU102	0611009D23	Jumper	
						-	
		NON-REFERENCED I	ITEMS:	K101	8002111M02	RELAY: 12V 50mA	GPN1009A/1010A
	0380165J06	SCREW, M5x0.8x8	(black)	KIUI	000211102	12V JUIIA	GPN1009A/1010A
	0384723C38		(DIACK)			DI UC.	
		BRACKET, mountin		· P 1	2882984N13	PLUG:	
	07023431102	Diekokali, mountili	<u>-</u> 6	P 2	2883441F04		6 Pin
				P 10-	2003441504	Plug kea	4 Pin
GLN6910	A Duplever H	lardware, Rack Mou			2002000000	<b>Terrer</b> 4100	
GLW0910	A Duplexel a	aldwale, Mack Mot		P 12	2802098M02	Term AMP	up to 8 used
SYMBOL	PART NO.	DESCRIPTION				TRANSISTOR: (SE	LE NOTE).
				Q 1	4800869649		
		NON-REFERENCED I	TEMS:	Q 2	4800869706		
	0284784B02			Q 3	4800869648		
		SCREW, M4x10		Q 4	4800869633		
		LOCKWASHER A4.3		Q 5	4800869639		GPN1008A/1010A
		PANEL, structura	1	Q 5	4802081B29		GPN1008A/1010A GPN1007A/1009A
		J Structure	·	Q 6	4800869639		
			•	Q 6			GPN1008A/1010A
				Q 7	4802081B29		GPN1007A/1009A
2011007		GPN1009A & GPN10	104	•	4800869570		000100010000
		GENILUUYA & GPNIU	IVA	Q102	4802081B30		GPN1009A/1010A
rower 5	upplies			Q103	4802081B30		GPN1009A/1010A
mmm	DADE NO			Q109	4800869648	M9648	GPN1009A/1010A
SIMDUL	PART NO.	DESCRIPTION				DECTOTOD.	
		CAPACITOR:		R 1	0602369M23	<u>RESISTOR:</u> 68 5% 0.6W	
C 1A	2384818A02	10000uF 40V	GPN1008/1010A	R 2		10k 5% 0.6W	
C 1B	2384818A02		01112000, 101011	R 3		150 5% 0.6W	
C 2	2311019A46			R 4			
c 3		1uF 20% 50V				82 5% 0.6W	
C 4		220uF 20% 25V		R 5	0602366M38		
C 5				R 6	0611049H79		
		0.022uF 10% X7R		R 7		820 5% 0.6W	
C 6	2102288M04	3300pF 10% X7R		R 8		lk 20% variable	
C 7		3300pF 10% X7R		R 9		1.2k 5% 0.6W	
		luF 20% 50V		R 10	1784820 <b>A</b> 07		
						33 57 6 60	
C 9		1000uF 20% 25V		R 11	0602369M19	72 79 0.04	
C 9	2102288M13	0.047uF 10% X7R		R 11 R 12		1k 5% 0.6W	
C 9 C 10	2102288M13			R 12	0602369M37	1k 5% 0.6W	•
C 9 C 10 C 20	2102288M13	0.047uF 10% X7R	GPN1008A/1010A		0602369M37		• •
C 9 C 10 C 20 C101	2102288M13 0884700C01	0.047uF 10% X7R 0.1uF 10% 250V	GPN1008A/1010A GPN1008A/1010A	R 12 R 13	0602369M37 0602369M49 0611049J08	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W	• •
C 9 C 10 C 20 C 101 C 102	2102288M13 0884700C01 2311019A46	0.047uF 10% X7R 0.1uF 10% 250V 100uF 20% 25V 220uF 20% 25V	-	R 12 R 13 R 14 R 15	0602369M37 0602369M49 0611049J08 0602366M25	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W	• • •
C 9 C 10 C 20 C 101 C 102 C 103	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08	0.047uF 10% X7R 0.1uF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO	GPN1008A/1010A GPN1008A/1010A	R 12 R 13 R 14 R 15 R 16	0602369M37 0602369M49 0611049J08 0602366M25 0602366M37	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W	CDN10084/10104
C 9 C 10 C 20 C 101 C 102 C 103 C 104	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102281M08	0.047uF 10% X7R 0.1uF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A	R 12 R 13 R 14 R 15 R 16 R 17	0602369M37 0602369M49 0611049J08 0602366M25 0602366M37 1784820A05	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W	GPN1008A/1010A
C       9         C       10         C       20         C101       101         C102       103         C103       104         C105       105	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102281M08 2102288M13	0.047uF 10% X7R 0.1uF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 0.047uF 10%	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17	0602369M37 0602369M49 0611049J08 0602366M25 0602366M37 1784820A05 1784820A06	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W	GPN1008A/1010A GPN1007A/1009A
2 9 2 10 2 20 2101 2102 2103 2104 2105 2106	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102281M08 2102288M13 2102281M08	0.047uF 10% X7R 0.1uF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 0.047uF 10% 120pF 5% NPO	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 18	0602369M37 0602369M49 0611049J08 0602366M25 0602366M37 1784820A05 1784820A06 1784820A06	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W	
2 9 2 10 2 20 2101 2102 2103 2104 2105 2106	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102281M08 2102288M13	0.047uF 10% X7R 0.1uF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 0.047uF 10%	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 18 R 19	0602369M37 0602369M49 0611049J08 0602366M25 0602366M37 1784820A05 1784820A06 1784820A06 0602369M42	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 0.2 5% 5W 2.7k 5% 0.6W	GPN1007A/1009A
2 9 2 10 2 20 2101 2102 2103 2104 2105 2106	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102281M08 2102288M13 2102281M08	0.047uF 10% X7R 0.luF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 0.047uF 10% 120pF 5% NPO 120pF 5% NPO	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 17 R 18 R 19 R101	0602369M37 0602369M49 0611049J08 0602366M25 0602366M37 1784820A05 1784820A06 1784820A06 0602369M42 0602369M52	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 0.2 5% 5W 2.7k 5% 0.6W 18k 5% 0.6W	GPN1007A/1009A GPN1009A/1010A
<ul> <li>9</li> <li>10</li> <li>20</li> <li>2101</li> <li>2102</li> <li>2103</li> <li>2104</li> <li>2105</li> <li>2106</li> <li>2107</li> </ul>	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102281M08 2102288M13 2102281M08	0.047uF 10% X7R 0.1uF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 0.047uF 10% 120pF 5% NPO	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 17 R 18 R 19 R101 R102	0602369M37 0602369M49 0611049J08 0602366M25 0602366M37 1784820A06 1784820A06 1784820A06 0602369M42 0602369M52 0602369M52	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 0.2 5% 5W 2.7k 5% 0.6W 18k 5% 0.6W	GPN1007A/1009A GPN1009A/1010A GPN1009A/1010A
2 9 2 10 2 20 2101 2102 2103 2104 2105 2106 2107 2R1-	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08	0.047uF 10% X7R 0.1uF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 0.047uF 10% 120pF 5% NPO 120pF 5% NPO <u>DIODE:</u> (SEE NOT	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 18 R 19 R101 R102 R103	0602369M37 0602369M49 0611049J08 0602366M25 0602366M37 1784820A06 1784820A06 1784820A06 0602369M42 0602369M42 0602369M52 0602369M53 0602369M49	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 0.2 5% 5W 2.7k 5% 0.6W 18k 5% 0.6W 22k 5% 0.6W	GPN1007A/1009A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A
C 9 C 10 C 20 C 101 C 20 C 20 C 20 C 20 C 20 C 20 C 20 C 20	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08	0.047uF 10% X7R 0.1uF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 0.047uF 10% 120pF 5% NPO 120pF 5% NPO <u>DIODE:</u> (SEE NOT Silicon	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A E)	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 18 R 19 R101 R102 R103 R104	0602369M37 0602369M49 0611049J08 0602366M25 0602366M37 1784820A05 1784820A06 1784820A06 0602369M42 0602369M52 0602369M53 0602369M49 0602369M61	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 0.2 5% 5W 2.7k 5% 0.6W 18k 5% 0.6W 10k 5% 0.6W	GPN1007A/1009A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A
C 9 C 10 C 20 C 101 C 20 C 20 C 102 C 103 C 104 C 105 C 106 C 107 C 106 C 107 C 107 C 107 C 107 C 10 C 10 C 20 C 10 C 20 C 10 C 20 C 10 C 20 C 20 C 10 C 20 C 20 C 20 C 20 C 20 C 20 C 20 C 2	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08	0.047uF 10% X7R 0.1uF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 0.047uF 10% 120pF 5% NPO 120pF 5% NPO <u>DIODE:</u> (SEE NOT Silicon Silicon	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A E) GPN1009A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 17 R 18 R 19 R101 R102 R103 R104 R105	0602369M37 0602369M49 0611049J08 0602366M25 0602366M37 1784820A06 1784820A06 1784820A06 0602369M42 0602369M53 0602369M49 0602369M49 0602369M45	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 0.2 5% 5W 2.7k 5% 0.6W 18k 5% 0.6W 10k 5% 0.6W 10k 5% 0.6W	GPN1007A/1009A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A
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2 9 2 10 2 20 2 10 2 20 2 10 2 20 2 10 2 20 2 10 2 10 2 10 2 103 2 104 2 105 2 104 2 105 2 104 2 105 2 106 2 107 2 R1- 2 R101 2 R102 2 R103 2 R104 2 R105 2 R105 2 R105 2 R105 2 R105 2 R105 2 R105 2 R106 2 R106 2 R106 2 R105 2 R106 2	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102081M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102081M08 210080858001 210080858001 21008000000000000000000000000000000	0.047uF 10% X7R 0.luF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 0.047uF 10% 120pF 5% NPO 120pF 5% NPO 120pF 5% NPO DIODE: (SEE NOT Silicon Silicon Silicon Silicon Silicon Silicon Silicon RT51 MR751 MR751 Rectifier Rectifier	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A E) GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 17 R 17 R 18 R 19 R101 R102 R103 R104 R105 R106 R107 R106 R107 R108 R109 R110 R111 R112 R113 R114 R115 R116	0602369M37 0602369M49 0611049J08 0602366M35 0602366M37 1784820A05 1784820A06 1784820A06 0602369M42 0602369M52 0602369M53 0602369M49 0602369M45 0602369M45 0602369M45 0602369M45 0602369M41 1802099B01 0602369M53 0602369M53 0602369M54 0602369M54 0602369M54 0602369M54 0602369M54	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 2.7k 5% 0.6W 18k 5% 0.6W 22k 5% 0.6W 10k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 10k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 10k 5% 0.6W 22k 5% 0.6W 10k 5% 0.6W 10k 5% 0.6W 27k 5% 0.6W 10k 5	GPN1007A/1009A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A
2 9 2 10 2 20 101 2 20 101 2 20 101 2 20 103 2 103 2 104 105 2 105 2 106 2 107 2 R104 2 R107 2 R101 2 R102 2 R103 2 R104 2 R105 2 R105	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 4883654H014	0.047uF 10% X7R 0.luF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 120pF 5% NPO 120pF 5% NPO DIODE: (SEE NOT Silicon Silicon Silicon Silicon Silicon Silicon Silicon MR751 MR751 MR751 Rectifier Rectifier LED:	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A E) GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 17 R 17 R 18 R 19 R101 R102 R103 R104 R105 R106 R107 R106 R107 R108 R109 R110 R111 R112 R113 R114 R115 R116 R117	0602369M37 0602369M49 0611049J08 0602366M37 1784820A05 1784820A06 1784820A06 0602369M42 0602369M52 0602369M53 0602369M53 0602369M45 0602369M45 0602369M45 0602369M45 0602369M53 0602369M53 0602369M41 1802099B01 0602369M54 0602369M54 0602369M54 0602369M54 0602369M54	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 2.7k 5% 0.6W 18k 5% 0.6W 22k 5% 0.6W 10k 5% 0.6W 22k 5% 0.6W 27k 5% 0.6W 28.7k 1% 0.25W 150k 5% 0.6W	GPN1007A/1009A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A
2 9 2 10 2 20 2 101 2 20 2 103 2 104 2 105 2 106 2 105 2 106 2 107 2 R104 2 R101 2 R102 2 R103 2 R104 2 R105 2 R105 2 R106 2 R105 2 R105 2 R106 2 R105 2 R15 2 R	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 488654H01 4883654H01 4	0.047uF 10% X7R 0.luF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 120pF 5% NPO 120pF 5% NPO DIODE: (SEE NOT Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon MR751 MR751 MR751 Rectifier Rectifier LED: Green	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 17 R 17 R 18 R 19 R101 R102 R103 R104 R105 R106 R107 R106 R107 R108 R109 R110 R111 R112 R113 R114 R115 R116 R117 R118	0602369M37 0602369M49 0611049J08 0602366M25 0602366M37 1784820A05 1784820A06 0602369M42 0602369M52 0602369M53 0602369M53 0602369M49 0602369M53 0602369M53 0602369M53 0602369M53 0602369M41 1802099B01 0602369M54 0602369M57 0602369M54 0602369M54 0602369M54 0602369M54 0602369M54	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 2.7k 5% 0.6W 18k 5% 0.6W 22k 5% 0.6W 10k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 10k 5% 0.6W 22k 5% 0.6W 10k 5% 0.6W 27k 5% 0.6W 15k 1% 0.39W 28.7k 1% 0.25W 150k 5% 0.6W	GPN1007A/1009A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A
2 9 2 10 2 20 2 101 2 20 2 103 2 104 2 105 2 106 2 105 2 106 2 107 2 R104 2 R101 2 R102 2 R103 2 R104 2 R105 2 R105 2 R106 2 R105 2 R105 2 R106 2 R105 2 R15 2 R	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 2102281M08 4883654H014	0.047uF 10% X7R 0.luF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 120pF 5% NPO 120pF 5% NPO DIODE: (SEE NOT Silicon Silicon Silicon Silicon Silicon Silicon Silicon MR751 MR751 MR751 Rectifier Rectifier LED:	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A E) GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 17 R 17 R 17 R 17 R 17 R 17	0602369M37 0602369M49 0611049J08 0602366M37 1784820A05 1784820A06 1784820A06 1784820A06 0602369M42 0602369M42 0602369M49 0602369M45 0602369M45 0602369M45 0602369M45 0602369M49 0602369M49 0602369M53 0602369M53 0602369M57 0602369M57 0602369M57 0602369M57 0602369M57 0602369M57 0602369M49 1782177B03	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 2.7k 5% 0.6W 18k 5% 0.6W 10k 5% 0.6W 22k 5% 0.6W 10k 5% 0.6W 27k 5% 0.6W 47k 5% 0.6W 47k 5% 0.6W 15k 1% 0.25W 150k 5% 0.6W	GPN1007A/1009A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A
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2 9 2 10 2 20 2 10 2 20 2 10 2 20 2 10 2 20 2 10 2 10 2 10 2 10 2 103 2 104 2 105 2 106 2 107 2 8 101 2 8 101 2 8 101 2 8 101 2 8 101 2 8 105 2 8 101 2 8 101 2 8 105 2 8 101 2 8 101 2 8 105 2 8 101 2 8 105 2 8 101 2 8 105 2 8 101 2 8 105 2 8 105 2 8 101 2 8 105 2 8 10	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 210281M08 210081M08 210081M08 2100810000000000000000000000000000000	0.047uF 10% X7R 0.1uF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 0.047uF 10% 120pF 5% NPO DIODE: (SEE NOT Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon MR751 MR751 MR751 Rectifier Rectifier LED: Green Red FUSE:	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A E) GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 17 R 18 R 19 R101 R102 R103 R104 R105 R106 R107 R108 R109 R110 R111 R112 R113 R114 R115 R116 R117 R118 R119 R120 R121	0602369M37 0602369M49 0611049J08 0602366M37 1784820A05 1784820A06 1784820A06 1784820A06 0602369M42 0602369M42 0602369M49 0602369M45 0602369M45 0602369M45 0602369M45 0602369M49 0602369M49 0602369M53 0602369M53 0602369M57 0602369M57 0602369M57 0602369M57 0602369M57 0602369M57 0602369M49 1782177B03	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 2.7k 5% 0.6W 18k 5% 0.6W 10k 5% 0.6W 22k 5% 0.6W 10k 5% 0.6W 27k 5% 0.6W 47k 5% 0.6W 47k 5% 0.6W 15k 1% 0.25W 150k 5% 0.6W	GPN1007A/1009A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A
C 9 C 10 C 20 C 101 C 20 C 20 C 103 C 104 C 105 C 104 C 105 C 106 C 107 C R 1 C R 102 C R 103 C R 104 C R 105 C R 106 C R 107 C R 107	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 2102880058K02 2880058K02 2880058K02 2880058K02 2880058K02 2880058K02 2880058K02	0.047uF 10% X7R 0.1uF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 120pF 5% NPO 120pF 5% NPO DIODE: (SEE NOT Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon MR751 MR751 MR751 Rectifier Rectifier Rectifier Red <u>FUSE:</u> 3.1A(110/120V)	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A E) GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 17 R 18 R 19 R101 R102 R103 R104 R105 R106 R107 R108 R109 R110 R111 R112 R113 R114 R115 R116 R117 R118 R119 R120	0602369M37 0602369M49 0611049J08 0602366M37 1784820A05 1784820A06 1784820A06 1784820A06 0602369M42 0602369M42 0602369M49 0602369M45 0602369M45 0602369M45 0602369M45 0602369M41 1802099B01 0602369M41 1802099B01 0602369M57 000000000000000000000000000000000000	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 2.7k 5% 0.6W 18k 5% 0.6W 18k 5% 0.6W 10k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 22k 5% 0.6W 27k 5% 0.6W 27k 5% 0.6W 15k 1% 0.39W 28.7k 1% 0.25W 150k 5% 0.6W 4 10% 5W 2.7k 5% 0.6W	GPN1007A/1009A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A
C 9 C 10 C 20 C 101 C 20 C 20 C 20 C 20 C 20 C 20 C 20 C 20	2102288M13 0884700C01 2311019A46 2360561B21 2102281M08 210281M08 210081M08 210081M08 2100810000000000000000000000000000000	0.047uF 10% X7R 0.luF 10% 250V 100uF 20% 25V 220uF 20% 25V 120pF 5% NPO 120pF 5% NPO 120pF 5% NPO 120pF 5% NPO DIODE: (SEE NOT Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon Silicon MR751 MR751 MR751 Rectifier Rectifier Rectifier Rectifier Red <u>FUSE:</u> 3.1A(110/120V) 1.6A(220/230/240V	GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A GPN1008A/1010A E) GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A	R 12 R 13 R 14 R 15 R 16 R 17 R 17 R 17 R 18 R 19 R101 R102 R103 R104 R105 R106 R107 R108 R109 R110 R111 R112 R113 R114 R115 R116 R117 R118 R119 R120 R121	0602369M37 0602369M49 0611049J08 0602366M37 1784820A05 1784820A06 1784820A06 1784820A06 0602369M42 0602369M42 0602369M49 0602369M45 0602369M45 0602369M45 0602369M45 0602369M49 0602369M49 0602369M49 0602369M49 0602369M53 0602369M53 0602369M57 0602369M57 0602369M57 0602369M57 0602369M49 1782177B03 0602369M42 0602369M42 0602369M42	1k 5% 0.6W 10k 5% 0.6W 1370 1% 0.25W 100 1% 0.39W 330 1% 0.39W 0.1 5% 7W 0.2 5% 5W 2.7k 5% 0.6W 18k 5% 0.6W 10k 5% 0.6W 22k 5% 0.6W 27k 5% 0.6W 27k 5% 0.6W 15k 1% 0.39W 28.7k 1% 0.25W 150k 5% 0.6W 10k 5% 0.6W 10k 5% 0.6W 10k 5% 0.6W	GPN1007A/1009A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A GPN1009A/1010A
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S 1	0102716B38	SWITCH: Thermal	GPN1007A/1009A		A Speaker,	3W 4 ohms
		MDANODOD		SYMBOL	PART NO.	DESCRIPTION
T 1	2502210B01	TRANSFORMER:	000010074 (1000)			
T 1	2582169R01		GPN1007A/1009A	LS1	5002412B01	
	2502105801	rower	GPN1008A/1010A	P2	2880262H01	Connector, 2-contact
		INTEGRATED CIR	CUIT: (SEE NOTE)			
U 1 ·	5183629M94	Voltage Regula	tor			NON-REFERENCED ITEMS:
<b>U101</b>	5183629M18	Comparator	GPN1009A/1010A		0300136756	SCREW, tpng, 10-16x5/8", 2 used
U102	5184621K96		GPN1009A/1010A		1580274H01	COVER, cable
			CINICONA, ICICA		2980273H01	TERMINAL, crimp
		ZENER DIODE:			2980273H02 4280271H01	
VR 1	4882256C47	6.8V 1%			4280271HUI	STRAIN RELIEF
VR101	4882256C47	6.8V 1%	GPN1009A/1010A			
	:					
		NON-REFERENCED	ITEMS:			
÷		Screw M4x10	(4)			
	0380269H05		(2)			NOTE
	0380269H07	Screw M4x20				
	0380269808	Screw M3x8	(9)		For optim	um performance, diodes,
	0384723016	Screw M3x25	(4)		transistor	s, integrated circuits and
	0364723029	Screw M3x4			crystals m	ust be ordered by Motorola
	0/9/717001	Standoff Xfmr Washer M4	(4)		part number	rs.
	0484719002	wasner M4 Lockwasher	(4)			
	0500131314	Lockwasner	(8)			
	0502157в07		D			
	0703438A01		Pop PCB			
		Socket Transist			SUBSTIT	JTION OF TRANSISTORS
	0902263B01	Fuseholder	(2)			
	1382148R01	Panel	Front			
	1402019B02	Insulator	M9806/M9807		48008695	
	1402091M01	Insulator	10000/11/00/		48008695	
	1402161M01	Insulator mica	TO-3 (2)	· .	48008696	
	1402309M01	Cap Ins'g TO-3	(2)		48008696	
	1402662B01	Insulator	Transformer		48008696 48008698	
	1484277D25		Connector		48008699	
	1503433A01	Cover Batt Con	GPN1009A/1010A		48020818	
	1582413R01		Housing		48020818	
	2682150R01				4802081E	
	2782118R01				4802081B	
	2984770A06	Lug Gnd			4802081B	
		Strip Terminal			4805128M	
	3302373M39				4811043B	
	4202211B01 4280276¥01	Bracket Retainer Cable			4811043B	
	4384798F01	Theoret	Delesist		4811043B	10 = 4800869681
		Guide Card	Polarizing Key		4811043B	12 = 4800869839
	7505413001	Feet Bumper	(2) (4)		4811043B	
	8482361R01	Board	(4) Printed Circuit		4811043B	
			Tranced GITCUIE		4880182D	22 = 4800869577

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