

Identifier	Description	Reference Designator
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PART\0100.02071\

2303.00987	ASSY,GND CBL,10/10,	CABLE
3508.00009	SCR,PPH,10-32X0.375,SEMS	GND
3508.02001	SCR,HEX,THRD FORM,10-32X0.75,NYLON	HDW1
8101.00325	LABEL,SERIAL NUMBER	LABEL

PART\1000.02183\

1000.02087-AS	ASY,EXCITER,900MHZ,RACKMOUNT	
2520082028	FAB VCO SHIELD PLATE	MP26
2540084015	FAB BACK PANEL EXCITER	MP2
2540084034	FRONT PNL EXCITER RACK MT	MP28
2630082062	ASSY VCO/RF AMP 929-941MHZ	A3

PART\2630082062

2630082051-AS	ASSY VCO/RF AMP 900-912MHz	
2850082029-SD	RELEASED SCH 900 MHZ VCO	
2301.00511	ASSY,COAX 900 VCO/RF AMP	L11
2301.00512	ASSY,COAX,900 VCO/RF AMP	L10
2540082049	FAB PCBG VCO/RF AMP	PC1
3012.00063	COVER ASSY,2 X 6.5 X 1T	MP1
4501.00071	CONN,SMB,PCMT,GOLD,F	J4 P9 P10
4502.00012	CONN,BNC,RA,PCMT,F	P3
4546.00038	SKT 6 POS VERT RECP .1SP	P4
4930003000	MIXER DBL BAL +7DBM LO SM	Z1
5024.00033	DIO,VVC,105,2.3PF,SOT23	CR1 CR4
5030.00004	XSTR,3904,GEN PURP NPN	Q6 Q8
5030.00005	TRS,2N3906,GP,PNP,SOT23	Q2 Q7 Q9
5031.00020	MMIC,0186,18DB,ODBM,AMP,SMD	Q13
5031.00022	MMIC,0386,2.4GHz,AMP,SMD	Q5
5031.00023	MMIC,0886,HIGAIN,AMP,SMD	Q3
5031.00025	MMIC,1105,1.3GHz,17.5Bm,SM Q11	Q12
5031.00037	TRS,NPN,41486,LO NOISE,SMD	Q1
5033.00049	TRS,MRF837,870MHz,750MW,X-PK	Q10
5153.00009	IC,723,2-37V,150MA,REG	U1
6104.01097	RES,1206,10R0,0.125W,1%	R9 R10 R11 R16 R51
6104.01151	RES,1206,36R5,0.125W,1%	R19
6104.01165	RES,1206,51R1,0.125W,1%	R3
6104.01177	RES,1206,68R1,0.125W,1%	R12
6104.01181	RES,1206,75R0,0.125W,1%	R15
6104.01193	RES,1206,100R,0.125W,1%	R4 R7 R13 R23
6104.01210	RES,1206,150R,0.125W,1%	R18 R20
6104.01258	RES,1206,475R,0.125W,1%	R14
6104.01273	RES,1206,681R,0.125W,1%	R46
6104.01325	RES,1206,2K37,0.125W,1%	R45
6104.01333	RES,1206,2K87,0.125W,1%	R2 R8 R37 R41
6104.01354	RES,1206,4K75,0.125W,1%	R6
6104.01377	RES,1206,8K25,0.125W,1%	R1
6104.01385	RES,1206,10K0,0.125W,1%	R5 R17 R32 R36 R42 R44
6104.02091	RES,1206,0R00,0.125W	R60 R61
6106.01139	RES,2010,27R4,0.5W,1%	R47
6106.01230	RES,2010,243R,0.5W,1% +/-100PPM	R38 R55 R67
6106.01258	RES,2010,475R,0.5W,1%	R39
6106.01289	RES,2010,1K00,0.5W,1% +/-100PPM	R49 R50
6106.02007	RES,2010,430R,0.5W,5%	R30 R43 R68
6106.02009	RES,2010,4R7,0.5W,5%	R48
6250.00001	CAP,0.35-3.5pF AIR TRIM RA	C35
6310.00005	CAP,0805,NPO,1P0,50V,+0P25	C18
6310.00007	CAP,0805,NPO,1P5,50V,+0P25	C7 C8 C22
6310.00008	CAP,0805,NPO,1P8,50V,+0P25	C10 C13
6310.00009	CAP,0805,NPO,2P2,50V,+0P25	C62
6310.00010	CAP,0805,NPO,2P7,50V,+0P25	C51 C52

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		page 2
6310.00013	CAP,1206,NPO,100P,50V,1%	C12
6310.00037	CAP,1206,X7R,10N,50V,5%	C1 C4 C14 C15 C17 C27 C44 C54
6310.00040	CAP,1206,X7R,2N2,50V,5%	C58
6310.00047	CAP,1210,X7R,100N,50V,5%	C53
6310.00049	CAP,1210,Z5U,470N,50V,20%	C59
6310.00086	CAP,1206,NPO,22P,50V,+/-0P5	C2 C3 C9 C16 C19 C21 C23 C24 C25 C26 C28 C29 C38 C39 C40 C41 C42 C43 C46 C50 C55 C60 C61 C5 C6 C11
6310.00119	CAP,0805,NPO,3P3,50V,+/-0P25	C45
6310.00120	CAP,0805,NPO,4P7,50V,+/-0P25	C20 C63
6310.01000	CAP,0805,NPO,3P9,50V,+/-0P25	C32
6330.00002	CAP,TAN,3528,4U7,10V,10%	C56
6330.00003	CAP,TAN,7343,10U,35V,10%	C30 C31 C33
6330.00011	CAP,TAN,3528,1U0,35V,10%	L1 L2 L3 L5 L9 L13 L14 L17 L18 L21
6420.00004	CHOKESMD,100NH,3%,1.38A	L19 L20
6420.00016	CHOKESMD,390NH,3%,710MA	L7 L8 L15
6631.00010	FLTR,880-945MHZ,TRIPLE TUNED	U2
6632.00001	FLTR,SAW,90MHZ,RESONATOR	L6
6642.00003	RESONATOR,1045MHZ,SQ COAX	
2650082015	GL-C2000 I/F FOR GL-T8X00 EXC	A2
2850082024-SD	SCHEM GL-C2000 I/F BD	
2801.00045	IC,HOST ADR DCDR R1.00 \$CC38,	U20
2801.00046	IC,HOST SRAM DCDR R1.00 \$1DAF,	U5
2801.00048	IC,LOCAL ADR DCDR R1.00 \$37C5,	U22
2801.00113	F/W,I20,V2.00 \$4E56 U2	
3310327003	INSUL XTAL HC-49 3 LEAD	MP1
4540.00094	HDR,1X6 .1SP 0.32H GOLD	J3
4546.00013	CONN,2X40 RECP .33TALL .1SP	P1
4554.00006	CONN,15 POS D-SUB .32RA FILTER	J2
4554.00016	CONN,37 PIN D-SUB .32RA FILTER	J1
5005.00012	LED,GRN,T1.75,1.6-12MCD,50DG	DS1
5005.00022	LED,RED,T1.75,1-8MCD,50DEG	DS2
5005.00029	LED,YEL,T1.75,4-8MCD,50DEG	DS3
6602.00064	XTAL,8MHZ 50PPM -20+70C HC49	Y1
2560082032	FAB C2000I20 INTERFACE B	PC1
5023.00026	TVS,6V5,QUAD,BI-DIR,SMD	D1 D3 D4 D7
5023.00027	TVS ARRAY,24V,UNI-DIR,SMD	D2 D26
5023.00028	TVS ARRAY,24V,BI-DIR,SMD	D5 D6
5030.00001	MOSFET,7002,60V,N-CH,SOT23	Q2 Q3
5159.00002	IC,33064,VOLT SENSE CKT	U1
5159.00015	IC,6273,OCTAL D-LATCH	U11
5263.00005	IC 74AC04 HEX INVERTER	U28
5263.00015	IC 74AC573 OCTAL 3-ST D LATCH	U3
5263.00018	IC 74AC86 QUAD 2-IN XOR GATE	U26 U27
5264.00009	IC,74ACT157,QUAD 2-IN MUX SO16	U19
5264.00010	IC,74ACT273,8F/F,SO20	U25
5264.00011	IC,74ACT574,OCTAL D F/F SO20	U9 U10 U24
5280.00010	IC 65C189 QUAD RS232 LINE RX	U14 U33
5280.00012	IC 75179 EIA-485 DIFF XCVR	U23
5280.00020	IC,75175,4-485RX,SO16 U12	U13
5350.00004	IC 1M 128K X 8 LP SRAM 100ns	U4
5350.00005	IC 256K(32KX8)CMOS SRAM	U21
6104.01097	RES,1206,10R0,0.125W,1%	R42 R43 R44 R45 R46 R47 R48 R49 R50 R51 R52 R53 R54 R55 R56 R57 R58 R59 R60 R61 R62 R63 R64 R65 R66 R67 R68 R69 R70 R71 R72
6104.01201	RES,1206,121R,0.125W,1%	R14
6104.01204	RES,1206,130R,0.125W,1%	R15 R16 R17 R18 R19

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		page 3
		R20
6104.01222	RES,1206,200R,0.125W,1%	R11 R12 R13
6104.01277	RES,1206,750R,0.125W,1%	R73 R74 R75 R76 R77
		R78 R79 R80 R81 R82
		R83 R84
6104.01354	RES,1206,4K75,0.125W,1%	R5
6104.01385	RES,1206,10K0,0.125W,1%	R22 R23 R24 R30 R31
		R32 R33 R34 R38
6104.01673	RES,1206,10M0,0.125W,1%	R21
6153.00001	RES,NET,10RES,10K,5%,SM	RN1 RN2 RN3
6310.00018	CAP,1206,NPO,18P,50V,5%	C1 C2
6310.00047	CAP,1210,X7R,100N,50V,5%	C3 C4 C5 C6 C7 C10 C11
		C12 C16 C17 C18 C42
		C43 C44 C45 C46 C47
		C51 C52 C53 C54
6330.00011	CAP,TAN,3528,1U0,35V,10%	C13 C14 C15
2650082024	ASSY EXCITER/CONTROL BRD	
2860082004-SD	SCHEM EXCITER/CONTROL BD	
2050.00588	SMT ASSY,EXC/CONTROL BRD	
2560082001	FAB PCBG EXCITER CONTROL	PC1
4930003000	MIXER DBL BAL +7DBM LO SM	Z1
5020.00002	DIO,914,100V,100UA,SOT23	CR3 CR4 CR5 CR6 CR7
		CR8 CR9 CR12 CR13 CR14
		CR18 CR19 CR22 CR23
		CR24 CR25 CR26
		CR15
5024.00034	DIO,VVC,3102,22PF,SOT23	Q1 Q10 Q17 Q18 Q20
5030.00004	XSTR,3904,GEN PURP NPN	Q2 Q3 Q4 Q5 Q6 Q7 Q11
5030.00005	TRS,2N3906,GP,PNP,SOT23	Q12 Q16
		Q15
5031.00019	JFET,310,-25V,N-CH	Q14
5031.00022	MMIC,0386,2.4GHZ,AMP,SMD	Q19
5031.00023	MMIC,0886,HIGAIN,AMP,SMD	U17 U40
5150.00010	OP AMP,258,DUAL,LO PWR	U41
5150.00011	OP AMP,2902,QUAD,LOW PWR	U16
5150.00021	OP AMP,662,DUAL,CMOS,-40+85c	U21
5150.00023	OP AMP,847,300V/US,50MHZ,5-15	CR16
5152.00004	IC,REF,285,1.2V,1%,SMD	CR17
5152.02001	IC,REF,LM4040,5.000V,0.1%,100PPM,S	U37
5153.00003	IC,1054,CONV/REG,3.5-15V,100M	U50
5159.00002	IC,33064,VOLT SENSE CKT	U26 U27
5162.00004	IC,1501 FREQ SYNTH 1.1GHZ	U8
5261.00013	IC 74HC138 1-OF-8 DECODE/DEMU	U25
5261.00016	IC 74HC175 QUAD D FF W/RESET	U60
5261.00024	IC 74HC4050 NONINVERT BUFFER	U10
5261.00030	IC 74HC4351 8-CH MUX/DEMUX	U47
5261.00042	IC,HC,74HC74,2-F/F,SO14	U13
5263.00004	IC 74AC02 QUAD 2-IN NOR GATE	U15 U42
5263.00005	IC 74AC04 HEX INVERTER	U20 U49 U54
5263.00006	IC 74AC08 QUAD 2-IN AND GATE	U48
5263.00007	IC 74AC138 1-OF-8 DECODE/DEMU	U14 U38 U39 U53
5263.00013	IC 74AC32 QUAD 2-IN OR GATE	U9 U24 U28
5263.00015	IC 74AC573 OCTAL 3-ST D LATCH	U12 U22 U23 U29 U43
5263.00016	IC 74AC574 OCTAL D F/F W/3 ST	U44 U45 U46 U57
5263.00018	IC 74AC86 QUAD 2-IN XOR GATE	U19
5280.00008	IC 232A DUAL RS-232 DRVR/RX	U7
5350.00007	IC 64K (8K x 8) SRAM 25ns	U34 U35
5451.00003	IC 1851 16-BIT SERIAL PCM DAC	U59
5451.00005	IC 7524 8-BIT BUFFERED DAC	U4
6104.01097	RES,1206,10R0,0.125W,1%	R27
6104.01165	RES,1206,51R1,0.125W,1%	R280 R285
6104.01193	RES,1206,100R,0.125W,1%	R115 R128 R198 R226
		R231 R271
6104.01218	RES,1206,182R,0.125W,1%	R137 R139
6104.01222	RES,1206,200R,0.125W,1%	R24 R25 R30 R32 R90

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		page 4
		R91 R92 R93 R97 R100
		R186 R240 R270
6104.01249	RES,1206,383R,0.125W,1%	R116
6104.01261	RES,1206,511R,0.125W,1%	R284
6104.01289	RES,1206,1K00,0.125W,1%	R1 R2 R9 R14 R17 R20
		R22 R23 R43 R44 R48
		R49 R51 R52 R53 R54
		R55 R56 R58 R60 R62
		R63 R64 R70 R72 R103
		R180 R202 R203 R242
		R246 R275
6104.01318	RES,1206,2K00,0.125W,1%	R66 R68 R86 R110 R120
		R183 R241
6104.01322	RES,1206,2K21,0.125W,1%	R134 R145
6104.01326	RES,1206,2K43,0.125W,1%	R10 R12 R105
6104.01335	RES,1206,3K01,0.125W,1%	R11 R47 R228 R229 R272
6104.01346	RES,1206,3K92,0.125W,1%	R140
6104.01349	RES,1206,4K22,0.125W,1%	R200 R210
6104.01354	RES,1206,4K75,0.125W,1%	R118 R122
6104.01357	RES,1206,5K11,0.125W,1%	R42 R46 R142 R143 R144
		R152
6104.01365	RES,1206,6K19,0.125W,1%	R6 R7
6104.01385	RES,1206,10K0,0.125W,1%	R3 R15 R18 R19 R21 R28
		R29 R33 R34 R35 R36
		R37 R38 R40 R41 R50
		R57 R61 R65 R69 R80
		R81 R82 R83 R88 R99
		R104 R109 R111 R112
		R114 R119 R136 R138
		R148 R153 R158 R160
		R161 R166 R178 R184
		R185 R187 R190 R191
		R204 R205 R206 R215
		R216 R219 R220 R221
		R222 R227 R230 R238
		R243 R247 R248 R249
		R250 R251 R252 R253
		R254 R255 R256 R257
		R258 R259 R260 R261
		R262 R263 R264 R265
		R266 R267 R268 R269
		R273 R278 R286
6104.01396	RES,1206,13K0,0.125W,1%	R5
6104.01404	RES,1206,15K8,0.125W,1%	R13
6104.01410	RES,1206,18K2,0.125W,1%	R135
6104.01414	RES,1206,20K0,0.125W,1%	R147 R165 R276
6104.01420	RES,1206,23K2,0.125W,1%	R154 R213
6104.01424	RES,1206,25K5,0.125W,1%	R127
6104.01431	RES,1206,30K1,0.125W,1%	R101 R141
6104.01446	RES,1206,43K2,0.125W,1%	R214
6104.01450	RES,1206,47K5,0.125W,1%	R121 R125
6104.01453	RES,1206,51K1,0.125W,1%	R107
6104.01481	RES,1206,100K,0.125W,1%	R8 R73 R75 R78 R84 R87
		R131 R132 R188 R189
		R237 R239 R281
6104.01482	RES,1206,102K,0.125W,1% +/-100PPM	R277
6104.01488	RES,1206,118K,0.125W,1%	R4
6104.01489	RES,1206,121K,0.125W,1%	R146
6104.01501	RES,1206,162K,0.125W,1%	R16
6104.01549	RES,1206,511K,0.125W,1%	R108
6104.01577	RES,1206,1M00,0.125W,1%	R236
6104.01673	RES,1206,10M0,0.125W,1%	R39
6106.01130	RES,2010,22R1,0.5W,1% +/-100PPM	R283
6106.01193	RES,2010,100R,0.5W,1% +/-100PPM	R225 R232
6106.01218	RES,2010,182R,0.5W,1%	R234
6106.01230	RES,2010,243R,0.5W,1% +/-100PPM	R126
6310.00008	CAP,0805,NPO,1P8,50V,+0P25	C47
6310.00010	CAP,0805,NPO,2P7,50V,+0P25	C49 C121 C126

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		page 5
6310.00013	CAP,1206,NPO,100P,50V,1%	C178
6310.00015	CAP,1206,NPO,12P,50V,1%	C45 C46 C55 C90
6310.00016	CAP,1206,NPO,150P,50V,1%	C56 C177
6310.00018	CAP,1206,NPO,18P,50V,5%	C18 C19
6310.00019	CAP,1206,NPO,1N0,50V,1%	C40 C42 C54 C59 C134 C146 C179 C184
6310.00024	CAP,1206,NPO,330P,50V,1%	C115 C116 C117 C118 C119 C143 C144
6310.00025	CAP,1206,NPO,33P,50V,1%	C50 C120 C131 C139 C188
6310.00037	CAP,1206,X7R,10N,50V,5%	C1 C7 C8 C11 C14 C15 C16 C20 C21 C23 C24 C25 C26 C27 C39 C41 C48 C57 C62 C63 C65 C66 C68 C69 C70 C71 C72 C73 C74 C75 C76 C77 C78 C79 C80 C81 C82 C83 C84 C91 C92 C93 C95 C96 C97 C99 C100 C107 C108 C109 C110 C113 C114 C132 C133 C145 C150 C151 C152 C153 C154 C159 C160 C167 C171 C175 C176 C180 C181 C182 C156
6310.00039	CAP,1206,X7R,22N,50V,5%	C37 C43 C52 C123 C127
6310.00040	CAP,1206,X7R,2N2,50V,5%	C157 C158 C183 C185 C190
6310.00042	CAP,1206,X7R,33N,50V,5%	C2 C3
6310.00043	CAP,1206,X7R,3N3,50V,5%	C101 C166
6310.00044	CAP,1206,X7R,47N,50V,5%	C64
6310.00045	CAP,1206,X7R,4N7,50V,5%	C104
6310.00047	CAP,1210,X7R,100N,50V,5%	C4 C5 C6 C9 C10 C12 C22 C36 C38 C58 C67 C98 C135 C136 C137 C138 C155 C174 C186
6310.00086	CAP,1206,NPO,22P,50V,+/-0P5	C51 C53 C200
6310.00120	CAP,0805,NPO,4P7,50V,+/-0P25	C125
6330.00003	CAP,TAN,7343,10U,35V,10%	C61 C85 C86 C88 C162 C191
6330.00004	CAP,TAN,7343,22U,16V,10%	C161
6330.00011	CAP,TAN,3528,1U0,35V,10%	C13 C34 C35 C105 C141 C147 C164 C169 C172 C192
6420.00002	CHOKE,SMD,1.5UH,10%,560MA	L17
6420.00004	CHOKE,SMD,100NH,3%,1.38A	L4 L8
6420.00007	CHOKE,SMD,10UH,10%,144MA	L6 L11
6420.00016	CHOKE,SMD,390NH,3%,710MA	L3 L5 L9 L10
2801.00200	DSP EXCTR F/W V2.10 \$10C0	U30
2801.00202	DSP DOWNLOAD VER 1.01	U31
3012.00034	COVER ASSY 3 X 3.25 X 0.7T	MP3
3012.00041	COVER ASSY 1 X 1.5 X 0.5T	MP2
4501.00070	CONN,SMB,.75T ST PCMT,M	J9 J10
4502.00012	CONN,BNC,RA,PCMT,F	J7 J8
4546.00006	CONN,12 POS RECP RA .156 SP	J2
4554.00003	CONN,15 PIN D-SUB .32RA FILTERED	J6
4554.00023	CONN,9 POS D-SUB .32RA FILTERED	J3
4560.00009	HDR,2-PIN RA SHROUDED,.2SP	TB1
4579.00005	TEST POINT BLACK	TP4
4579.00007	TEST POINT BLUE	TP7
4579.00012	TEST POINT GREEN	TP6
4579.00015	TEST POINT ORANGE T	P2
4579.00017	TEST POINT RED	TP1
4579.00020	TEST POINT WHITE	TP5
4579.00022	TEST POINT YELLOW T	P3
5001.00015	DIO,1N4004,400V,1A,DO41	CR20 CR21

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5001.00056	DIO,1N5822,40V,3A,SCHOT	CR1 CR2
5005.00013	LED,GRN,T1.75,16-125MCD,24DG	LED1 LED4
5005.00023	LED,RED,T1.75,20MCD@10MA	LED3
5005.00025	LED,RED/GRN,T1.75,20MCD,50DG	LED2 LED5 LED6 LED7 LED8
5103.00004	IC,REG,1076,2.5-50V,2A,BUCK	U1 U2
5103.00010	IC,REG,317AT,+ADJ,1.5A,TO220	U58
5650.00002	IC 68HC11 8-BIT MCU 4MHZ	U5
5660.00006	IC 2105 DSP MCU 10MHZ	U33
5660.00009	IC,DSP,ADSP2101,PLCC68	U32
6161.00041	POT,4T,10K,S/A,PCMT	R164
6161.00058	POT,50K,3/8SQ,T/A	R235
6231.00058	CAP,TA,100U,20V,10%	C163
6241.00004	CAP,RE,0.1,10U,50V,20%,85	C106 C142 C148
6241.00017	CAP,RE,0.3,1500U,25V,20%	C30 C31 C32 C165 C193
6241.00039	CAP,RE,U47,50V,NP,0.1	C60
6241.00094	CAP,RE,.2,470U,50V,.35R/1.1A@100KH	C29
6241.00109	CAP,RE,0.1,100U,25V,20%,8 20%,-40+	C103 C149
6250.00002	CAP .6-4.5pF AIR TRIM	C189
6421.00004	CHOKE,20UH,1A,TOROID	L13
6421.00011	CHOKE,PWR,100UH,1A,TOROID	L1 L2 L14 L15 L16
6602.00020	XTAL,16MHZ 50PPM -20+70C HC49	Y1
6632.00001	FLTR,SAW,90MHZ,RESONATOR	Y2 Y3