

SECTION 6 PARTS LIST

SYMBOL NO.	DESCRIPTION	PART NO.	SYMBOL NO.	DESCRIPTION	PART NO.
RECEIVER SUBASSEMBLY					
UHF FRONT END					
	Front end assembly				
	450-470 MHz	023-3001-201			
	470-488 MHz	023-3001-202			
	488-512 MHz	023-3001-203			
C109	1000 pF ±20% 50V Y5U disc	510-3002-102	C217	0.1 μF ±20% 16V Y5S disc	510-3010-104
C110	10 pF ±10% 500V NPO feed	510-3156-100	C218	1500 pF ±5% 500V 4DM20	510-0008-152
C111	27 pF ±10% 500V N750 feed	510-3156-270	C219	15 pF ±5% 100V 1DM10	510-0002-150
C112	1000 pF ±10% 500V N750 feed	510-3156-102	C220	Same as C219	
C114	39 pF ±5% 50V NPO disc	510-3013-390	C221	0.01 μF ±20% 16V Y5S disc	510-3010-103
C115	1000 pF ±20% 50V Y5U disc	510-3002-102	C222	0.22 μF +80/-20% 3V Y5T disc	510-3009-224
C116	Same as C115		C223	0.1 μF ±20% 16V Y5S disc	510-3010-104
C117	2 pF ±5% 50V NPO disc	510-3013-209	C224	1500 pF ±5% 500V 4DM20	510-0008-152
CR101	1N67A 80V 30 mA germ	523-1000-067	C225	100 pF ±20% 50V Y5U disc	510-3002-101
L101-L105	Coil (450-470 MHz)	016-1929-011	C226	0.01 μF ±20% 16V Y5S disc	510-3010-103
L101-L105	Coil (470-488 MHz)	016-1929-013	C227	0.1 μF ±20% 16V Y5S disc	510-3010-104
L101-L105	Coil (488-512 MHz)	016-1929-015	C228	0.1 μF +80/-20% 10V Y5U disc	510-3008-104
L106-L108	Coil (450-470 MHz)	016-1929-011	C229	43 pF ±5% 100V 1DM10	510-0002-430
L106-L108	Coil (470-488 MHz)	016-1929-012	C230	4700 pF ±20% 50V Y5U disc	510-3002-472
L106-L108	Coil (488-512 MHz)	016-1929-014	C231	0.1 μF +80/-20% 10V Y5U disc	510-3008-104
L109	3.5T coil 26 AWG	542-0001-035	C232	10 pF ±5% 100V 1DM15	510-0001-100
L110	2.5T coil 26 AWG	542-0001-025	C233	0.1 μF ±20% 16V Y5S disc	510-3010-104
Q101	SI NPN 470 MHz mixer	576-0003-027	C234	0.1 μF +80/-20% 10V Y5U disc	510-3008-104
Q103	J-FET RF amp	576-0006-009	C235	0.047 μF ±10% 35V submin tub	510-2075-477
R101	4.7k ohm ±10% 1/4W	569-1002-472	C236	1000 pF ±20% 500V Y5U disc	510-3004-102
R106	2.7k ohm ±10% 1/4W	569-1002-272	C237	0.01 μF ±20% 16V Y5S disc	510-3010-103
R107	100 ohm ±10% 1/4W	569-1002-101	C238	1000 pF ±5% 100V 1DM15	510-0001-102
R108	47k ohm ±10% 1/4W	569-1002-473	C239	270 pF ±5% 100V 1DM15	510-0001-271
	Front end mounting plate	017-1642-002	C240	220 μF 16V aluminum	510-4006-004
	Q101 mounting bracket	017-1641-002	C241	1000 pF ±5% 100V 1DM15	510-0001-102
	TO92 transistor shield	578-0004-001	C242	Same as C241	
	Teflon stand-off terminal	032-0253-012	C243	1 μF ±10% 35V submin tubular	510-2075-109
	White feedthru terminal	260-0201-001	C244	Same as C243	
			C245	5.6 μF ±20% 15V molded	510-2023-569
			C246	1 μF ±10% 35V submin tubular	510-2075-109
			C247	680 pF ±10% 200V disc	510-3062-681
			C248	6.8 μF ±20% 35V dipped	510-2045-689
			C249	0.1 μF +80/-20% 10V Y5U disc	510-3008-104
			C250	1 μF ±10% 35V submin tubular	510-2075-109
			C251	0.1 μF ±20% 16V Y5S disc	510-3010-104
			C252	0.01 μF ±10% 250V flatfoil	510-1003-103
			C253	Same as C252	
			C254	Same as C252	
			C255	0.01 μF ±20% 16V Y5S disc	510-3010-103
			C256	5.6 μF ±20% 15V molded	510-2023-569
			C257	470 μF 16V aluminum	510-4116-471
			C258	0.1 μF ±20% 16V Y5S disc	510-3010-104
			C259	2200 pF ±20% 50V Y5U disc	510-3002-222
			C260	1000 μF 16V aluminum	510-4006-005
			C261	0.01 μF ±20% 16V Y5S disc	510-3010-103
			C262	47 pF ±5% 50V N750 disc	510-3020-470
			C263	130 pF ±5% 50V NPO disc	510-3013-131
			C264	270 pF ±5% 50V N750 disc	510-3020-271
			C265	0.01 μF ±20% 16V Y5S disc	510-3010-103
			C266	0.1 μF ±20% 16V Y5S disc	510-3010-104
			C269	1.9 - 15.7 pF variable	187-0109-005
C200	Receiver assembly (2 channel)	023-3706-021	*C271	22 pF ±5% 50V N330 disc	510-3018-220
C201	47 μF 10V aluminum	510-4110-470	*C271	27 pF ±5% 50V N330 disc	510-3018-270
C202	8.2 pF ±5% 50V NPO disc	510-3013-829	*C271	33 pF ±5% 50V N330 disc	510-3018-330
C202	Same as C201		*C271	39 pF ±5% 50V N330 disc	510-3018-390
C203	0.01 μF ±20% 16V Y5S disc	510-3010-103	*C271	43 pF ±5% 50V N330 disc	510-3018-430
C204	27 pF ±5% 100V 1DM10	510-0002-270	*C271	47 pF ±5% 50V N330 disc	510-3018-470
C206	68 pF ±5% 100V 1DM10	510-0002-680	*C271	56 pF ±5% 50V N330 disc	510-3018-560
C207	39 pF ±5% 100V 1DM10	510-0002-390	C273	91 pF ±5% 100V 1DM10	510-0002-910
C208	0.1 μF ±20% 16V Y5S disc	510-3010-104	C274	300 pF ±5% 100V 1DM10	510-0002-301
C209	3 pF ±5% 500V composition	510-9002-309	C277	100 pF ±5% 50V N150 disc	510-3016-101
C211	0.22 μF +80/-20% 3V Y5T disc	510-3009-224	C278	3 pF ±5% 500V composition	510-9002-309
C212	0.22 μF ±10% 15V molded	510-2033-228	C279	0.01 μF ±20% 16V Y5S disc	510-3010-103
C213	0.1 μF ±20% 16V Y5S disc	510-3010-104	C280	91 pF ±5% 50V N150 disc	510-3016-910
C214	1500 pF ±5% 500V 4DM20	510-0008-152	C281	1000 pF ±20% 500V Y5U disc	510-3004-102
C215	0.01 μF ±20% 16V Y5S disc	510-3010-103			
C216	0.22 μF +80/-20% 3V Y5T disc	510-3009-224			

* Capacitor value is selected to adjust the frequency to within the tuning range of the respective variable capacitor.

PARTS LIST (cont'd)

SYMBOL NO.	DESCRIPTION	PART NO.	SYMBOL NO.	DESCRIPTION	PART NO.
T201	10mm 10.7 MHz IF	592-5013-012	HW	Shoulder screw (for J200 mtg plate)	013-1350-002
T202	10mm 455 kHz IF	592-5006-005	HW	Screw, 10-32 RH slot NPB (1 1/8 inch helical screw)	575-2410-036
T203	Same as T202		HW	Screw, 10-32 RH slot NPB (1" helical screw)	575-2410-032
T204	Same as T202		HW	Screw, 10-32 RH slot NPB (7/8" helical screw)	575-2410-028
T205	10mm 455 kHz IF	592-5006-007	HW	Nut tension lock (for helical screws)	560-1810-022
T206	Input/driver	592-1015-001	J200	36 pin male connector housing	117-0336-103
T208	10mm 150 MHz	592-5009-016	J250	UHF female coax receptacle	142-0102-004
T209	Same as T208		L206	20 mH, 150 mA filter choke	542-5007-011
T210	Same as T208		MP	Connector shield (for J250)	013-1198-001
T211	18.75 MHz transformer	592-5009-023	TB	Terminal strip, 3 ins 1 ground	586-1001-022
TP202-TP204	Red PC jack	105-0852-001			
U201	CA 3089 FM IF system	544-2002-007			
U202	MC 3301 quad op amp	544-2005-001			
Y201	Refer to "Receiver Crystal"				
Y203	11.155 MHz 32 pF HC - 18/U	519-0009-001			
Z201	Crystal filter, 10.7 MHz	532-0007-002			
Z202	Crystal filter, 10.7 MHz	532-0006-001			
	IF shield	017-2013-001			
	Crystal clip	032-0589-001			
	Crystal socket	126-0110-016			
	Receiver PC board	035-0314-001			
	<u>Receiver Crystal (Y201)</u>				
	$521 - 6 \text{ XXX-XXX}$				
	<p>Example: The part number for a receiver crystal on a channel frequency of 450.625 MHz is 521-6450-625.</p> <p>Crystal Frequency Formula = $\frac{\text{Channel Frequency} - 10.7 \text{ MHz}}{27}$</p>				
	NOTE				
	<p>The part number includes the crystal and compensating capacitor (C291) as a matched set. The capacitor value is stamped on the crystal case and this value capacitor (see C291) must always be used with the crystal.</p>				
	RECEIVER CASTING, HARDWARE AND MISC.				
C1	33 pF ±5% 50V NPO disc	510-3013-330			
C2	Same as C1				
CH	Brown transceiver cover (clip on)	017-1626-030			
CH	Casting assembly	015-0805-522			
CH	Mounting plate (for J200)	017-1666-003			
CH	Front cover, casting	017-1703-011			
EP	Male contact assembly (for J200)	023-4132-001			
EP	Therma-film TO220 washer	574-5005-005			
EP	0.14 x 0.13 ferrite bead	517-2002-001			
			C300	100 pF ±5% 50V P350 ceramic	510-3512-161
			C301	6.8 μF ±20% 35V dipped	510-2045-689
			C302	1000 pF ±20% 500V Y5U disc	510-3004-102
			C303	6.8 μF ±20% 35V dipped	510-2045-689
			C304	Same as C303	
			C305	0.1 μF +80/-20% 10V Y5U disc	510-3008-104
			C306	0.1 μF ±10% 250V flatfoil	510-1003-104
			C307	4700 pF ±10% 100V polyest	510-1001-025
			C308	0.01 μF ±20% 16V Y5S disc	510-3010-103
			C309	1 μF ±20% 35V dipped	510-2045-109
			C310	470 pF ±5% 100V 1DM15	510-0001-471
			C311	4700 pF ±10% 100V polyest	510-1001-025
			C312	360 pF ±5% 100V 1DM10	510-0002-361
			C318	91 pF ±5% 100V 1DM10	510-0002-910
			C319	300 pF ±5% 100V 1DM10	510-0002-301
			C329	1000 pF ±20% 500V Y5U disc	510-3004-102
			C330	1.5 pF ±5% 500V composition	510-9002-159
			C331	22 pF ±5% 50V N150 disc	510-3016-220
			C332	27 pF ±5% 50V N150 disc	510-3016-270
			C333	1.5 pF ±5% 500V composition	510-9002-159
			C334	470 pF ±5% 100V 1DM15	510-0001-471
			C335	5.1 pF ±0.5 pF 50V N150 disc	510-3016-519
			C336	27 pF ±5% 50V N150 disc (450-470 MHz)	510-3016-270
			C336	22 pF ±5% 50V N150 disc (470-512 MHz)	510-3016-220
			C337	1000 pF ±20% 500V Y5U disc	510-3004-102
			C338	0.01 μF ±20% 16V Y5S disc	510-3010-103
			C339	1.8 pF ±0.5 pF 50V NPO disc	510-3013-189
			C340	18 pF ±5% 50V N150 disc (450-470 MHz)	510-3016-180
			C340	15 pF ±5% 50V N150 disc (470-512 MHz)	510-3016-150
			C341	12 pF ±5% 50V N150 disc (450-470 MHz)	510-3016-120
			C341	10 pF ±5% 50V N150 disc (470-512 MHz)	510-3016-100

**EXCITER SUBASSEMBLY
EXCITER BOARD**

Exciter assembly	
450-470 MHz	023-3824-300
470-488 MHz	023-3824-310
488-512 MHz	023-3824-320
C300	100 pF ±5% 50V P350 ceramic
C301	6.8 μF ±20% 35V dipped
C302	1000 pF ±20% 500V Y5U disc
C303	6.8 μF ±20% 35V dipped
C304	Same as C303
C305	0.1 μF +80/-20% 10V Y5U disc
C306	0.1 μF ±10% 250V flatfoil
C307	4700 pF ±10% 100V polyest
C308	0.01 μF ±20% 16V Y5S disc
C309	1 μF ±20% 35V dipped
C310	470 pF ±5% 100V 1DM15
C311	4700 pF ±10% 100V polyest
C312	360 pF ±5% 100V 1DM10
C318	91 pF ±5% 100V 1DM10
C319	300 pF ±5% 100V 1DM10
C329	1000 pF ±20% 500V Y5U disc
C330	1.5 pF ±5% 500V composition
C331	22 pF ±5% 50V N150 disc
C332	27 pF ±5% 50V N150 disc
C333	1.5 pF ±5% 500V composition
C334	470 pF ±5% 100V 1DM15
C335	5.1 pF ±0.5 pF 50V N150 disc
C336	27 pF ±5% 50V N150 disc (450-470 MHz)
C336	22 pF ±5% 50V N150 disc (470-512 MHz)
C337	1000 pF ±20% 500V Y5U disc
C338	0.01 μF ±20% 16V Y5S disc
C339	1.8 pF ±0.5 pF 50V NPO disc
C340	18 pF ±5% 50V N150 disc (450-470 MHz)
C340	15 pF ±5% 50V N150 disc (470-512 MHz)
C341	12 pF ±5% 50V N150 disc (450-470 MHz)
C341	10 pF ±5% 50V N150 disc (470-512 MHz)

PARTS LIST (cont'd)

SYMBOL NO.	DESCRIPTION	PART NO.	SYMBOL NO.	DESCRIPTION	PART NO.
C342	1000 pF ±20% 500V Y5U disc	510-3004-102	C388	25 pF ±1% 250V mini mica	510-0019-250
C343	Same as C342		C389	Same as C388	
C344	22 pF ±5% 50V N150 disc	510-3016-220	C390	9 pF ±1% 250V mini mica (450-488 MHz)	510-0019-909
C345	2 pF ±5% 500V composition	510-9002-209	C390	7 pF ±1% 250V mini mica (488-512 MHz)	510-0019-709
C346	0.01 μF ±20% 16V Y5S disc	510-3010-103	C391	5 pF ±1% 250V mini mica	510-0019-509
C347	1000 pF ±20% 500V Y5U disc	510-3004-102	C392	25 pF ±1% 250V mini mica	510-0019-250
C348	1 pF ±5% 500V composition	510-9002-109	C393	0.01 μF ±20% 16V Y5S disc	510-3010-103
C349	6.8 pF ±0.5 pF 50V N150 disc (450-470 MHz)	510-3016-689	C394	1000 pF ±20% 500V Y5U disc	510-3004-102
C349	5.1 pF ±0.5 pF 50V N150 disc (470-512 MHz)	510-3016-519	C395	470 pF ±20% 500V Y5U disc	510-3004-471
C350	1000 pF ±20% 500V Y5U disc	510-3004-102	C396	30 pF ±1% 250V mini mica	510-0019-300
C351	6.8 pF ±0.5 pF 50V N150 disc (450-470 MHz)	510-3016-689	C397	47 pF ±5% 50V N150 disc	510-3016-470
C351	5.1 pF ±0.5 pF 50V N150 disc (470-512 MHz)	510-3016-519	C398	470 pF ±20% 500V Y5U disc	510-3004-471
C352	1 pF ±5% 500V composition	510-9002-109	C399	2.2 μF ±20% 35V dipped	510-2045-229
C353	8.2 pF ±0.5 pF 50V N150 disc (450-470 MHz)	510-3016-829	CR300	1N67A 80V 30 mA germ	523-1000-067
C353	7.5 pF ±0.5 pF 50V N150 disc (470-512 MHz)	510-3016-759	CR301	9.1V ±5% 1W zener	523-2003-919
C354	1 pF ±5% 500V composition	510-9002-109	CR302	1N67A 80V 30 mA germ	523-1000-067
C355	470 pF ±20% 500V Y5U disc	510-3004-471	CR303-CR306	1N4148 silicon diode	523-1000-883
C356	0.01 μF ±20% 16V Y5S disc	510-3010-103	CR312	1N67A 80V 30 mA germ	523-1000-067
C357	22 pF ±5% 50V N150 disc (450-470 MHz)	510-3016-220	CR313	Same as CR312	
C357	18 pF ±5% 50V N150 disc (470-512 MHz)	510-3016-180	CR314	Same as CR312	
C358	20 pF ±5% 50V N150 disc (450-470 MHz)	510-3016-200	CR315	1N4148 silicon diode	523-1000-883
C358	18 pF ±5% 50V N150 disc (470-488 MHz)	510-3016-180	CR316	Same as CR315	
C358	15 pF ±5% 50V N150 disc (488-512 MHz)	510-3016-150	CR317	2.4 volt 1W zener	523-2005-249
C359	1000 pF ±20% 500V Y5U disc	510-3004-102	CR318	Same as CR317	
C360	6.8 pF ±5% 200V NPO disc (450-488 MHz)	510-3013-689	EP	3/8" coil shield (L322, L323, etc.)	578-0002-001
C360	5.1 pF ±0.5 pF 50V N150 disc (488-512 MHz)	510-3016-519	EP405	0.14 x 0.13 ferrite bead	517-2002-001
C361	470 pF ±20% 500V Y5U disc	510-3004-471	J301	0.06 dia. solderless pin	586-3502-002
C362	3.3 pF ±5% NPO 50V disc	510-3013-339	J304-J310	Same as J301	
C363	0.01 μF ±20% 16V Y5S disc	510-3010-103	L322	0.22 - 0.37 μH var. ind.	542-1006-017
C364	5.6 μF ±20% 35V tubular	510-2005-569	L323	Same as L322	
C365	1000 pF ±20% 500V Y5U disc	510-3004-102	L345	Same as L322	
C366	1.8 pF ±0.5 pF 50V NPO disc	510-3013-189	L347	0.17 - 0.22 μH var. ind.	542-1012-011
C367	6.8 pF ±5% 200V NPO disc	510-3013-689	L348	Var. inductor	542-1012-013
C368	3.3 pF ±5% NPO 50V disc	510-3013-339	L349	Var. inductor	542-1012-013
C369	4.7 pF ±5% 50V NPO disc	510-3013-479	L350	8.5T coil 26 AWG	542-0001-085
C370	6.2 pF ±5% NPO 50V disc	510-3013-629	L351	1.5T coil 20 AWG	542-0002-015
C371	6.8 pF ±5% 200V NPO disc	510-3013-689	L352	1.5T coil 26 AWG	542-0001-015
C372	7.5 pF ±5% NPO 50V disc	510-3013-759	L353	Coil 20 AWG	016-1977-003
C373	7 pF ±1% 250V mini mica	510-0019-709	L354	Same as L353	
C374	22 pF ±1% 250V mini mica	510-0019-220	L355	1.5T coil 26 AWG	542-0001-015
C375	18 pF ±1% 250V mini mica	510-0019-180	L357	Choke	517-2005-003
C376	0.1 μF ±20% 16V Y5S disc	510-3010-104	L358	Same as L357	
C377	1000 pF ±20% 500V Y5U disc	510-3004-102	L359	UHF RF choke	023-3462-002
C378	33 pF ±5% 50V N750 disc	510-3020-330	L360	Choke	517-2005-005
C379	30 pF ±1% 250V mini mica	510-0019-300	L361	Same as L360	
C380	Same as C379		MP	Crystal clip	032-0589-001
C381	22 pF ±1% 250V mini mica	510-0019-220	MP	Bed spacer for Q346, Q347	539-0005-001
C382	Same as C381		Q320	SI NPN FM osc/mult low noise	576-0003-051
C383	Same as C381		Q345	SI NPN 175 MHz amp TO72	576-0003-029
C384	6.8 μF ±20% 35V dipped	510-2045-689	Q346	1W 175 MHz amp TO39	576-0004-008
C385	5.6 μF ±20% 35V tubular	510-2005-569	Q347	Same as Q346	
C386	0.1 μF ±20% 16V Y5S disc	510-3010-104	Q348	SI PNP 80V 7A TO220	576-0002-021
C387	1000 pF ±20% 500V Y5U disc	510-3004-102	Q349	Same as Q348	
			Q350	SI NPN general purpose TO92	576-0003-011
			Q375	NPN 1W 470 MHz SOE	576-0004-055
			Q376	NPN 2W UHF amp SOE	576-0004-058
			Q377	NPN 4W UHF amp	576-0004-054
			Q378	NPN 20W UHF amp	576-0004-063

PARTS LIST (cont'd)

SYMBOL NO.	DESCRIPTION	PART NO.	SYMBOL NO.	DESCRIPTION	PART NO.
R300	1k ohm $\pm 5\%$ 1/4W	569-0013-102		Crystal clip	032-0589-001
R301	680 ohm $\pm 5\%$ 1/4W	569-0013-681		Crystal socket	126-0110-016
R302	1k ohm $\pm 5\%$ 1/4W	569-0013-102		PC board	035-0355-300
R303	56 ohm $\pm 10\%$ 1W	569-1006-560			
R304	68k ohm $\pm 5\%$ 1/4W	569-0013-683			
R305	10k ohm $\pm 5\%$ 1/4W	569-0013-103			
R306	Same as R305				
R307	100k ohm $\pm 5\%$ 1/4W	569-0013-104			
R308	22k ohm $\pm 5\%$ 1/4W	569-0013-223			
R309	15k ohm $\pm 5\%$ 1/4W	569-0013-153			
R310	100k ohm $\pm 5\%$ 1/4W	569-0013-104			
R311	3.3k ohm $\pm 5\%$ 1/4W	569-0013-332			
R312	100k ohm $\pm 5\%$ 1/4W	569-0013-104			
R313	150k ohm $\pm 5\%$ 1/4W	569-0013-154			
R314	Same as R313				
R315	22k ohm $\pm 5\%$ 1/4W	569-0013-223			
R316	150k ohm $\pm 5\%$ 1/4W	569-0013-154			
R317	100k ohm $\pm 5\%$ 1/4W	569-0013-104			
R318	68k ohm $\pm 5\%$ 1/4W	569-0013-683			
R319	Same as R318				
R320	33k ohm $\pm 5\%$ 1/4W	569-0013-333			
R321	100k ohm $\pm 5\%$ 1/4W	569-0013-104			
R322	1k ohm $\pm 5\%$ 1/4W	569-0013-102			
R325	47k ohm $\pm 5\%$ 1/4W	569-0013-473			
R327	27k ohm $\pm 5\%$ 1/4W	569-0013-273			
R328	470 ohm $\pm 5\%$ 1/4W	569-0013-471			
R338	100 ohm $\pm 5\%$ 1/4W	569-0013-101			
R351	1.8k ohm $\pm 5\%$ 1/4W	569-0013-182			
R352	22k ohm $\pm 5\%$ 1/4W	569-0013-223			
R353	100 ohm $\pm 5\%$ 1/4W	569-0013-101			
R354	10k ohm $\pm 5\%$ 1/4W	569-0013-103			
R355	10 ohm $\pm 5\%$ 1/4W	569-0013-100			
R356	3.3k ohm $\pm 5\%$ 1/4W	569-0013-332			
R357	220 ohm $\pm 5\%$ 1/4W	569-0013-221			
R358	15 ohm $\pm 5\%$ 1/4W	569-0013-150			
R359	10k ohm $\pm 5\%$ 1/4W	569-0013-103			
R360	10 ohm $\pm 5\%$ 1/4W	569-0013-100			
R361	3.3k ohm $\pm 5\%$ 1/4W	569-0013-332			
R362	150 ohm $\pm 5\%$ 1/4W	569-0013-151			
R363	10k ohm $\pm 5\%$ 1/4W	569-0013-103			
R364	100 ohm $\pm 5\%$ 1/4W	569-0013-101			
R365	Same as R364	569-0013-101			
R366	470 ohm $\pm 5\%$ 1/4W	569-0013-471			
R367	560 ohm $\pm 5\%$ 1/4W	569-0013-561			
R368	18 ohm $\pm 5\%$ 1/4W	569-0013-180			
R369	4.7 ohm $\pm 10\%$ 1/4W	569-1002-479			
R370	Same as R369				
R371	10 ohm $\pm 10\%$ 1/2W	569-1004-100			
R372	680 ohm $\pm 5\%$ 1/4W	569-0013-681			
R373	22 ohm $\pm 10\%$ 1/2W	569-1004-220			
R374	15 ohm $\pm 10\%$ 1/2W	569-1004-150			
R375	56 ohm $\pm 10\%$ 1W	569-1006-560			
R377	680 ohm $\pm 10\%$ 1/2W	569-1004-681			
R378	47 ohm $\pm 5\%$ 1/4W	569-0013-470			
R379	10k ohm $\pm 10\%$ 1/4W	569-1002-103			
R380	22 ohm $\pm 10\%$ 1/4W	569-1502-220			
R381	56 ohm $\pm 10\%$ 1/2W	569-1004-560			
R382	10 ohm $\pm 10\%$ 1W	569-1006-100			
T346	6-32 5 1/4T tap at 2	592-5022-001			
T348	6-32 1/2 tap at 1	592-5022-010			
TP205	Red PC jack	105-0852-001			
TP301	Same as TP205				
TP302	Same as TP205				
TP303	Same as TP205				
U301	Quad diff input op amp	544-2020-001			
				POWER CONTROL BOARD	
				Power control assembly	023-4111-012
			C400	33 pF $\pm 5\%$ 50V N750 disc	510-3020-330
			C402	1 μ F $\pm 20\%$ 35V dipped	510-2045-109
			C403	Same as C402	
			C404	Same as C402	
			C405	220 μ F 16V aluminum	510-4116-221
			C406	1000 pF $\pm 20\%$ 500V Y5U disc	510-3004-102
			C407	33 pF $\pm 5\%$ 50V N750 disc	510-3020-330
			C408	Same as C407	
			C409	100 pF $\pm 20\%$ 50V Y5U ceramic	510-3002-101
			C410	33 pF $\pm 5\%$ 50V N750 disc	510-3020-330
			C411	1000 pF $\pm 20\%$ 500V Y5U disc	510-3004-102
			C412	5.6 μ F $\pm 20\%$ 35V tubular	510-2005-569
			C414	100 pF $\pm 20\%$ 50V Y5U ceramic	510-3002-101
			C415	Same as C414	
			C416	0.047 μ F $\pm 20\%$ 16V Y5S disc	510-3010-473
			C417	33 pF $\pm 5\%$ 50V N750 disc	510-3020-330
			C418	Same as C417	
			C419	1000 pF $\pm 20\%$ 500V Y5U disc	510-3004-102
			C420	33 pF $\pm 5\%$ 50V N750 disc	510-3020-330
			C421	15 μ F $\pm 10\%$ 15V submin tub	510-2073-150
			C422	33 pF $\pm 5\%$ 50V N750 disc	510-3020-330
			C423	Same as C422	
			C424	0.1 μ F $\pm 20\%$ 16V Y5S disc	510-3010-104
			CR400	6.2V $\pm 5\%$ 1W zener	523-2003-629
			CR401	9.1V $\pm 5\%$ 1W zener	523-2003-919
			CR402	6.8V $\pm 5\%$ 1W zener	523-2003-689
			CR403	1N67A 80V 30 mA germ	523-1000-067
			CR404	Same as CR403	
			CR405	Same as CR403	
			Q400	SI NPN general purpose	576-0003-011
			Q401	SI PNP 80V 7A TO220	576-0002-021
			Q402	SI NPN general purpose	576-0003-011
			Q403	SI PNP 50 MHz amp	576-0003-017
			Q404	SI NPN general purpose	576-0003-011
			R400	1.5k ohm $\pm 10\%$ 1/4W	569-1002-152
			R401	1k ohm $\pm 1\%$ 1/8W	569-0007-301
			R402	100k ohm $\pm 10\%$ 1/4W	569-1002-104
			R403	1k ohm $\pm 1\%$ 1/8W	569-0007-301
			R404	100k ohm $\pm 10\%$ 1/4W	569-1002-104
			R405	10k ohm $\pm 10\%$ 1/4W	569-1002-103
			R406	10k ohm $\pm 1\%$ 1/8W	569-0007-401
			R407	1k ohm $\pm 1\%$ 1/8W	569-0007-301
			R408	270k ohm 1/4W	569-1002-274
			R409	100k ohm $\pm 10\%$ 1/4W	569-1002-104
			R410	100 ohm $\pm 10\%$ 1/2W	569-1004-101
			R411	10k ohm $\pm 10\%$ 1/4W	569-1002-103
			R412	50k ohm PC pot	562-0005-503
			R413	100k ohm $\pm 10\%$ 1/4W	569-1002-104
			R414	12k ohm $\pm 10\%$ 1/4W	569-1002-123
			R415	470k ohm $\pm 10\%$ 1/4W	569-1002-474
			R416	10k ohm $\pm 10\%$ 1/4W	569-1002-103
			R417	47k ohm $\pm 10\%$ 1/4W	569-1002-473
			R418	330 ohm $\pm 10\%$ 1/2W	569-1004-331
			R419	1k ohm $\pm 10\%$ 1/4W	569-1002-102
			R420	50k ohm PC pot	562-0005-503

PARTS LIST (cont'd)

SYMBOL NO.	DESCRIPTION	PART NO.	SYMBOL NO.	DESCRIPTION	PART NO.
C911	With TRW finals (Q902, Q903) use:		F900	Fuse 7A 125B SB MDX	534-0001-010
	7 pF 250V mini mica (450-470 MHz)	510-0019-709	FH900	Fuseholder HHJ-A	534-1004-007
	5 pF 250V mini mica (470-512 MHz)	510-0019-509	HW	Nut hex 1/4-28 (for J903)	560-9040-012
C912	25 pF 250V mini mica	510-0019-250	HW4	Nut hex 3/8-32 (for J902)	560-9062-016
C913	22 pF 250V mini mica	510-0019-220	HW5	0.5 nylon snap bushing	574-0001-005
C914	Same as C913		J900	N connector panel mount	515-3007-002
C915	25 pF 250V mini mica	510-0019-250	J901	Same as J900	
C916	Same as C915		J902	Jack, female	013-0025-010
C917	Same as C915		J903	Banana plug assembly	023-0030-014
C918	Same as C915		L901	2.5T coil 26 AWG	542-0001-025
C919	22 pF 250V mini mica	510-0019-220	L902	Choke assembly	023-3170-003
C920	Same as C919		L903	UHF RF choke	023-3462-002
C921	25 pF 250V mini mica	510-0019-250	L904	2.5T coil 26 AWG	542-0001-025
C922	Same as C921		L905	Choke	517-2005-005
C923	Same as C921		L906	Same as L905	
C924	Variable capacitor	187-0106-175	L907	2.5T coil 26 AWG	542-0001-025
C925	7 pF $\pm 5\%$ 350V Underwood	510-0016-007	L908	UHF RF choke	023-3462-002
C926	11 pF $\pm 5\%$ 350V Underwood	510-0016-011	L909	Same as L908	
C927	Same as C926		L910	Inductor	016-1977-004
C928	7 pF $\pm 5\%$ 350V Underwood	510-0016-007	L911	Same as L910	
C930	0.33 pF $\pm 5\%$ 500V composition	510-9002-338	L912	Same as L910	
C931	33 pF $\pm 5\%$ 50V N750 disc	510-3020-330	L913	1.5T coil 26 AWG	542-0001-015
C932	1000 pF $\pm 20\%$ 500V Y5U disc	510-3004-102	ML	Cable tie	042-0492-003
C936	47 μ F 25V aluminum	510-4006-012	MP901	Heat sink, power amplifier	015-0868-004
C938	33 pF $\pm 5\%$ 50V N150 disc (not used on 450-470 MHz)	510-3016-330	MP910	Mounting plate for C943	017-2081-021
C939	1000 pF $\pm 20\%$ 500V Y5U disc	510-3004-102	MP	Plate (over PA board)	017-2081-011
C940	33 pF $\pm 5\%$ 50V N750 disc	510-3020-330	MP913	Plate (w/holes for jacks)	017-2081-001
C941	With Motorola finals (Q902, Q903): C941 not used		MP	Connector shield (J900, J901)	013-1198-001
	With TRW finals (Q902, Q903) use:		MP	Shield (near low pass filter)	017-2138-001
	5 pF 250V mini mica (450-470 MHz)	510-0019-509	MP	Stand off for mounting screws	013-1188-007
	Not used (470-512 MHz)		MP	Heat sink plate (under PC board)	016-2112-003
C942	6.8 pF $\pm 5\%$ 200V NPO disc (450-488 MHz)	510-3013-689	Q901	Silicon NPN 45W	576-0004-027
C942	5.1 pF $\pm 5\%$ 200V NPO disc (488-512 MHz)	510-3013-519	Q902	Silicon NPN 55W	576-0004-066
C943	1000 pF $\pm 20\%$ 1KV feedthru	510-3149-102	Q903	Same as Q902	
C945	10 pF 250V mini mica (not used on 488-512 MHz)	510-0019-100	R901	15 ohm $\pm 10\%$ 1/2W	569-1004-150
C955	1000 pF $\pm 20\%$ 1KV feedthru	510-3149-102	R902	Same as R901	
C956	Same as C955		R903	Same as R901	
C957	33 pF $\pm 5\%$ 50V N150 disc	510-3016-330	R905	180 ohm $\pm 10\%$ 1/4W	569-1502-181
C958	Same as C957		R906	100k ohm $\pm 10\%$ 1/4W	569-1502-104
			R908	10 ohm $\pm 10\%$ 1W	569-1006-100
CR901	6 amp silicon diode	523-0015-001	RT900	8k ohm thermistor	569-3001-001
CR902	HC diode	523-1000-014	RT901	500 ohm thermistor	569-3001-002
EP	Solder terminal (for J903)	016-0104-004		PC board, power amp	035-0355-900
EP	Plastic connector shield (for J902, J903)	032-0576-001		INDOOR CABINET	
EP	Solder terminal (for J902)	016-0104-003		Standard cabinet	023-3824-001
EP	Molded handle (for EP911, EP912)	032-0362-001		Tall cabinet (if both duplexer and tone remote used)	023-3824-003
EP	6/6-14 ring terminal	586-0001-010	CH	Cabinet corner, front (standard cabinet)	014-0723-011
EP	0.38 flag terminal	586-0004-002	CH	Cabinet corner, front (tall cabinet)	014-0723-021
EP	Spade terminal	586-0003-020	CH	Cabinet corner, w/mtg holes (standard cabinet)	014-0724-011
EP405	0.14 x 0.13 ferrite bead	517-2002-001			
EP	Insulator (under PC board)	018-1085-001			
EP903	0.37 x 0.37 ferrite bead	517-2002-003			
EP911	Banana plug connector	023-3313-001			
EP912	Female connector	013-1426-001			

PARTS LIST (cont'd)

SYMBOL NO.	DESCRIPTION	PART NO.	SYMBOL NO.	DESCRIPTION	PART NO.
	<u>TEST PANEL ASSEMBLY</u>	023-3823-340	C723	Same as C722	
	Includes:		C724	1 μ F \pm 20% 35V dipped	510-2045-109
			C725	Same as C724	
			C726	6.8 μ F \pm 20% 35V dipped	510-2045-689
CH	Chassis	017-2155-001			
EP	Contact for J3 (male)	023-4132-001			
HW	Set screw for knob	575-9908-006	CR700	11V 1W zener	523-2003-110
MP	Hood for J3	032-0323-003	CR701	1N4148 silicon diode	523-1000-883
MP	Locating plate, switch	017-2045-010	CR702	Same as CR701	
MP	Knob	013-1052-014			
MP	Jack screw	013-1357-001	EP	Receptacle, PC board (19 req.)	586-3503-001
J1	Red tip jack	105-0802-001	EP700	Red terminal	260-0202-001
J2	Black tip jack	105-0803-001	EP701	Black terminal	260-0203-001
J3	Male 36 pin connector housing	117-0336-103			
S1	12 position rotary switch	583-2039-003			
	MISC. PARTS				
	Repeater wire harness (from card rack to transmitter and receiver) Includes: (partial listing)	023-3823-070	HW700	Nut 1/4 - 32 NPB	560-9043-012
			HW701	Screw 6-32 PH slot CPS	575-0506-010
			HW702	Set screw 4-40 CPS (for knob)	575-9904-004
			MP700	PC board bracket	017-2007-013
			MP701	Control knobs	013-1402-001
J6	36 pin female conn housing	117-0436-103	Q700	SI NPN audio driver	576-0002-027
J7	Same as J6		Q701	SI NPN gen purp	576-0003-011
J8	Same as J6		Q702	Same as Q701	
	Jack screw	013-1357-001	Q703	Same as Q701	
	Hood	032-0323-003	Q704	Same as Q701	
	Female contact	023-4133-001	Q705	Same as Q701	
			Q706	Same as Q701	
	Extender test card	023-3823-022	Q707	Same as Q701	
	Coaxial cable (receiver to duplexer; exciter to PA)	597-3004-001	Q708	Same as Q701	
	90 cm, RG 400, PL-259 to UG536B		Q709	Same as Q701	
	Coaxial cable (PA to duplexer) RG400, UG536B to UG536B				
	450-470 MHz, 55 cm \pm 1 cm	597-3004-002	R700	200k ohm 1/8W PC trim pot	562-0004-204
	470-488 MHz, 53 cm \pm 1 cm	597-3004-003	R701	27k ohm \pm 10% 1/4W	569-1002-273
	488-512 MHz, 51 cm \pm 1 cm (length includes connector)	597-3004-004	R702	100k ohm \pm 10% 1/4W	569-1002-104
			R703	1k ohm \pm 10% 1/4W	569-1002-102
			R704	100k ohm \pm 10% 1/4W	569-1002-104
			R705	200k ohm 1/8W PC trim pot	562-0004-204
			R706	100k ohm \pm 10% 1/4W	569-1002-104
			R707	1k ohm \pm 10% 1/4W	569-1002-102
			R708	Same as R707	
			R709	15 ohm \pm 10% 1/2W	569-1004-150
			R710	10k ohm volume pot	562-0016-005
			R711	1k ohm \pm 10% 1/4W	569-1002-102
			R712	10k ohm \pm 10% 1/4W	569-1002-103
			R713	Same as R712	
			R714	200k ohm 1/8W PC trim pot	562-0004-204
			R715	10k ohm \pm 10% 1/4W	569-1002-103
			R716	100k ohm \pm 10% 1/4W	569-1002-104
			R717	10k ohm 1/8W PC trim pot	562-0004-103
			R718	100k ohm \pm 10% 1/4W	569-1002-104
			R719	Same as R718	
			R720	10k ohm \pm 10% 1/4W	569-1002-103
			R721	Same as R720	
			R722	100k ohm \pm 10% 1/4W	569-1002-104
			R723	4.7k ohm \pm 10% 1/4W	569-1002-472
			R724	10 ohm \pm 10% 1/4W	569-1002-100
			R725	100k ohm \pm 10% 1/4W	569-1002-104
			R726	10k ohm \pm 10% 1/4W	569-1002-103
			R727	15k ohm \pm 10% 1/4W	569-1002-153
			R728	2.2k ohm \pm 10% 1/4W	569-1002-222
			R729	82k ohm \pm 10% 1/4W	569-1002-823
			R730	330k ohm \pm 10% 1/4W	569-1002-334
			R731	10k ohm \pm 10% 1/4W	569-1002-103
			R732	Same as R731	
			R733	330k ohm \pm 10% 1/4W	569-1002-334
	LEVEL ADJUST CARD				
	Part No. 023-3823-040				
C700	1 μ F \pm 10% 35V submin tub	510-2075-109			
C701	1000 pF \pm 20% 500V Y5U disc	510-3004-102			
C702	0.01 μ F \pm 20% 16V Y5S disc	510-3010-103			
C703	6.8 μ F \pm 20% 35V dipped	510-2045-689			
C704	1 μ F \pm 10% 35V submin tub	510-2075-109			
C705	1000 pF \pm 20% 500V Y5U disc	510-3004-102			
C706	1 μ F \pm 10% 35V submin tub	510-2075-109			
C707	0.1 μ F \pm 80/-20% 10V Y5U disc	510-3008-104			
C708	6.8 μ F \pm 20% 35V dipped	510-2045-689			
C709	1 μ F \pm 10% 35V submin tub	510-2075-109			
C710	3300 pF \pm 20% 50V Y5U disc	510-3002-332			
C711	Same as C710				
C712	2.2 μ F \pm 20% 35V dipped	510-2045-229			
C713	3300 pF \pm 20% 50V Y5U disc	510-3002-332			
C714	Same as C713				
C715	2.2 μ F \pm 20% 35V dipped	510-2045-229			
C716	1 μ F \pm 10% 35V submin tub	510-2075-109			
C717	2.2 μ F \pm 20% 35V dipped	510-2045-229			
C718	1 μ F \pm 20% 35V dipped	510-2045-109			
C720	Same as C718				
C721	Same as C718				
C722	1 μ F \pm 10% 35V submin tub	510-2075-109			

PARTS LIST (cont'd)

SYMBOL NO.	DESCRIPTION	PART NO.	SYMBOL NO.	DESCRIPTION	PART NO.
R633	10k ohm $\pm 10\%$ 1/4W	569-1002-103	C524	6.8 μF $\pm 20\%$ 35V dipped	510-2045-689
R634	Same as R633		C525	1000 pF $\pm 20\%$ 500V Y5U disc	510-3004-102
R635	10 ohm $\pm 10\%$ 1/4W	569-1002-100	C526	1 μF $\pm 20\%$ 35V dipped	510-2045-109
R636	22k ohm $\pm 10\%$ 1/4W	569-1002-223	C527	Same as C526	
R637	470k ohm $\pm 10\%$ 1/4W	569-1002-474	C528	33 pF $\pm 5\%$ 50V NPO disc	510-3013-330
R638	4.7k ohm $\pm 10\%$ 1/4W	569-1002-472	C529	1 μF $\pm 10\%$ 35V submin tub	510-2075-109
R639	2.2k ohm $\pm 10\%$ 1/4W	569-1002-222	CR500-CR503	1N881/1N645 diode	523-1000-881
R640	8.2k ohm $\pm 10\%$ 1/4W	569-1002-822	CR504-CR507	Red LED	549-4001-001
R641	270k ohm $\pm 10\%$ 1/4W	569-1002-274	CR508-CR515	1N4148 silicon diode	523-1000-883
R642	Same as R641		EP	Receptacle, PC board (6 req.)	586-3503-001
R643	1k ohm $\pm 10\%$ 1/4W	569-1002-102	HW501	Screw 6-32 PH slot CPS	575-0506-010
R644	2.7k ohm $\pm 10\%$ 1/4W	569-1002-272	HW502	Nut hex 1/4 - 32 NPB	560-9043-012
R645	18k ohm $\pm 10\%$ 1/4W	569-1002-183	HW503	Set screw 4-40 (for MP501)	575-9904-004
R646	2.7k ohm $\pm 10\%$ 1/4W	569-1002-272	MP500	PC board bracket	017-2007-012
R647	1k ohm $\pm 10\%$ 1/4W	569-1002-102	MP501	Control knob	013-1402-001
R648	Same as R647		Q500	SI PNP 50 MHz amp	576-0003-017
R649	10 ohm $\pm 10\%$ 1/4W	569-1002-100	Q501	SI NPN darlington	576-0007-001
R650	100k ohm $\pm 10\%$ 1/4W	569-1002-104	Q502	SI PNP 50 MHz amp	576-0003-017
R651	10k ohm $\pm 10\%$ 1/4W	569-1002-103	Q503	SI NPN darlington	576-0007-001
R652	100k ohm $\pm 10\%$ 1/4W	569-1002-104	Q504	SI PNP 50 MHz amp	576-0003-017
R653	220k ohm $\pm 10\%$ 1/4	569-1002-224	Q505	SI NPN darlington	576-0007-001
R654	47k ohm $\pm 10\%$ 1/4W	569-1002-473	Q506	SI PNP 50 MHz amp	576-0003-017
R655	1k ohm $\pm 10\%$ 1/4W	569-1002-102	Q507	SI NPN darlington	576-0007-001
R656	1M ohm $\pm 10\%$ 1/4W	569-1002-105	Q508	SI PNP 50 MHz amp	576-0003-017
R657	220k ohm $\pm 10\%$ 1/4	569-1002-224	R500	470k ohm $\pm 10\%$ 1/4W	569-1002-474
R658	Same as R657		R501	Same as R500	
R659	10 ohm $\pm 10\%$ 1/4W	569-1002-100	R502	820k ohm $\pm 10\%$ 1/4W	569-1002-824
S600	Slide switch dpdt	583-3003-001	R503	Same as R502	
S601	Same as S600		R504	Resistor	569-0007-448
S602	SPST PB switch	583-4007-001	R504	30.9k ohm $\pm 1\%$ 1/8W	569-0007-448
U601	MC 3301 quad op amp	544-2005-001	R505	15.0k ohm $\pm 1\%$ 1/8W	569-0007-418
U602	Dual 4 input NOR gate	544-3001-135	R506	10 turn 25k ohm trimpot	562-0108-253
U603	LM 224 quad op amp	544-2020-001	R507	10.0k ohm $\pm 1\%$ 1/8W	569-0007-401
	PC board	035-0355-030	R508	Same as R507	
	CALL GUARD CARD		R509	Same as R507	
	Part No. 023-3823-050		R510	1.0k ohm $\pm 1\%$ 1/8W	569-0007-301
C500	1 μF $\pm 10\%$ 35V submin tub	510-2075-109	R511	Same as R510	
C501	0.1 μF $\pm 1\%$ 100V polycarb	510-1015-104	R512	10 ohm $\pm 10\%$ 1/4W	569-1002-100
C502	Same as C501		R513	1k ohm $\pm 10\%$ 1/4W	569-1002-102
C503	6.8 μF $\pm 20\%$ 35V dipped	510-2045-689	R514	10k ohm $\pm 10\%$ 1/4W	569-1002-103
C504	1000 pF $\pm 20\%$ 500V Y5U disc	510-3004-102	R515	100k ohm $\pm 10\%$ 1/4W	569-1002-104
C505	1 μF $\pm 20\%$ 35V dipped	510-2045-109	R516	10k ohm $\pm 10\%$ 1/4W	569-1002-103
C506	Same as C505		R517	15.0k ohm $\pm 1\%$ 1/8W	569-0007-418
C507	1 μF $\pm 10\%$ 35V submin tub	510-2075-109	R518	100.0k ohm $\pm 1\%$ 1/8W	569-0007-501
C508	0.1 μF $\pm 1\%$ 100V polycarb	510-1015-104	R519	270k ohm $\pm 10\%$ 1/4W	569-1002-274
C509	Same as C508		R520	100k ohm $\pm 10\%$ 1/4W	569-1002-104
C510	6.8 μF $\pm 20\%$ 35V dipped	510-2045-689	R521	470k ohm $\pm 10\%$ 1/4W	569-1002-474
C511	1000 pF $\pm 20\%$ 500V Y5U disc	510-3004-102	R522	Same as R521	
C512	1 μF $\pm 20\%$ 35V dipped	510-2045-109	R523	820k ohm $\pm 10\%$ 1/4W	569-1002-824
C513	Same as C512		R524	Same as R523	
C514	1 μF $\pm 10\%$ 35V submin tub	510-2075-109	R525	30.9k ohm $\pm 1\%$ 1/8W	569-0007-448
C515	0.1 μF $\pm 1\%$ 100V polycarb	510-1015-104	R526	15.0k ohm $\pm 1\%$ 1/8W	569-0007-418
C516	Same as C515		R527	10 turn 25k ohm trimpot	562-0108-253
C517	6.8 μF $\pm 20\%$ 35V dipped	510-2045-689	R528	10.0k ohm $\pm 1\%$ 1/8W	569-0007-401
C518	1000 pF $\pm 20\%$ 500V Y5U disc	510-3004-102	R529	Same as R528	
C519	1 μF $\pm 20\%$ 35V dipped	510-2045-109	R530	Same as R528	
C520	Same as C519		R531	1.0k ohm $\pm 1\%$ 1/8W	569-0007-301
C521	1 μF $\pm 20\%$ 35V submin tub	510-2075-109	R532	Same as R531	
C522	0.1 μF $\pm 1\%$ 100V polycarb	510-1015-104	R533	10 ohm $\pm 10\%$ 1/4W	569-1002-100
C523	Same as C522		R534	1k ohm $\pm 10\%$ 1/4W	569-1002-102

PARTS LIST (cont'd)

SYMBOL NO.	DESCRIPTION	PART NO.	SYMBOL NO.	DESCRIPTION	PART NO.
R535	10k ohm $\pm 10\%$ 1/4W	569-1002-103	R574	Same as R573	
R536	100k ohm $\pm 10\%$ 1/4W	569-1002-104	R575	10 ohm $\pm 10\%$ 1/4W	569-1002-100
R537	10k ohm $\pm 10\%$ 1/4W	569-1002-103	R576	1k ohm $\pm 10\%$ 1/4W	569-1002-102
R538	15.0k ohm $\pm 1\%$ 1/8W	569-0007-418	R577	10k ohm $\pm 10\%$ 1/4W	569-1002-103
R539	100.0k ohm $\pm 1\%$ 1/8W	569-0007-501	R578	100k ohm $\pm 10\%$ 1/4W	569-1002-104
R540	270k ohm $\pm 10\%$ 1/4W	569-1002-274	R579	10k ohm $\pm 10\%$ 1/4W	569-1002-103
R541	100k ohm $\pm 10\%$ 1/4W	569-1002-104	R580	15.0k ohm $\pm 1\%$ 1/8W	569-0007-418
R542	470k ohm $\pm 10\%$ 1/4W	569-1002-474	R581	100.0k ohm $\pm 1\%$ 1/8W	569-0007-501
R543	Same as R542		R582	270k ohm $\pm 10\%$ 1/4W	569-1002-274
R544	820k ohm $\pm 10\%$ 1/4W	569-1002-824	R583	100k ohm $\pm 10\%$ 1/4W	569-1002-104
R545	Same as R544		R584	1k ohm $\pm 10\%$ 1/4W	569-1002-102
R546	30.9k ohm $\pm 1\%$ 1/8W	569-0007-448	R585	10k ohm $\pm 10\%$ 1/4W	569-1002-103
R547	15.0k ohm $\pm 1\%$ 1/8W	569-0007-418	R587	1k ohm $\pm 10\%$ 1/4W	569-1002-102
R548	10 turn 25k ohm trimpot	562-0108-253	R588	390 ohm $\pm 10\%$ 1/4W	569-1002-391
R549	10.0k ohm $\pm 1\%$ 1/8W	569-0007-401	R589	1k ohm $\pm 10\%$ 1/4W	569-1002-102
R550	Same as R549		R590	390 ohm $\pm 10\%$ 1/4W	569-1002-391
R551	Same as R549		R591	1k ohm $\pm 10\%$ 1/4W	569-1002-102
R552	1.0k ohm $\pm 1\%$ 1/8W	569-0007-301	R592	390 ohm $\pm 10\%$ 1/4W	569-1002-391
R553	Same as R552		R593	1k ohm $\pm 10\%$ 1/4W	569-1002-102
R554	10 ohm $\pm 10\%$ 1/4W	569-1002-100	R594	390 ohm $\pm 10\%$ 1/4W	569-1002-391
R555	1k ohm $\pm 10\%$ 1/4W	569-1002-102	S500	Switch	583-2036-007
R556	10k ohm $\pm 10\%$ 1/4W	569-1002-103	S501-S504	Submin PC switch	583-3001-211
R557	100k ohm $\pm 10\%$ 1/4W	569-1002-104			
R558	10k ohm $\pm 10\%$ 1/4W	569-1002-103			
R559	15.0k ohm $\pm 1\%$ 1/8W	569-0007-418			
R560	100.0k ohm $\pm 1\%$ 1/8W	569-0007-501			
R561	270k ohm $\pm 10\%$ 1/4W	569-1002-274	TP501	Brown PC jack	105-0858-001
R562	100k ohm $\pm 10\%$ 1/4W	569-1002-104	TP502	Red PC jack bulk	105-0852-901
R563	470k ohm $\pm 10\%$ 1/4W	569-1002-474	TP503	Orange PC jack	105-0856-001
R564	Same as R563		TP504	Yellow PC jack	105-0857-001
R565	820k ohm $\pm 10\%$ 1/4W	569-1002-824	TP505	Blue PC jack	105-0860-001
R566	Same as R565				
R567	30.9k ohm $\pm 1\%$ 1/8W	569-0007-448			
R568	15.0k ohm $\pm 1\%$ 1/8W	569-0007-418	U501	LM 224 quad op amp	544-2020-001
R569	10 turn 25k trim pot	562-0108-253	U502	Same as U501	
R570	10.0k ohm $\pm 1\%$ 1/8W	569-0007-401	U503	Same as U501	
R571	Same as R570		U504	Same as U501	
R572	Same as R570				
R573	1.0k ohm $\pm 1\%$ 1/8W	569-0007-301		PC board	035-0355-050