

SECTION 7 PARTS LIST

Chassis, Hardware, Misc.

Ref No.	Description	Part No.
CHASSIS, HARDWARE, AND MISCELLANEOUS		
A 102	Front panel assembly (frt mt) (see separate listing on page 7-19)	023-5300-710
A 200	Interface board assembly (see separate listing which follows)	023-5300-201
A 300	Receiver/exciter assembly (VHF) (see separate listing on page 7-2)	023-5317-212
	Receiver/exciter assembly (UHF) (see listing on page 7-2)	023-5337-202
	Receiver/exciter assembly (800 MHz) (see listing on page 7-2)	023-5387-202
A 301	Accessory pigtail cable (internal)	597-2002-230
A 302	Remote/acc pigtail cable (internal)	597-2002-249
A 400	Logic board assembly (see separate listing on page 7-13)	023-5300-411
A 500	PA board assembly (VHF) (see separate listing on page 7-3)	023-5315-501
	PA board assembly (UHF) (see separate listing on page 7-10)	023-5335-511
	PA board assembly (800 MHz) (see separate listing on page 7-10)	023-5385-501
CH 101	Chassis, metal standard models	015-0970-001
	Chassis, metal 100W models	015-0970-011
EP 001	No. 6 terminal lug	586-0005-106
EP 002	Ferrite bead, .375 x .375	517-2002-003
EP 003	Ferrite block (for J200)	517-2002-020
EP 920	Snubber, bottom shield	018-1134-136
HW 001	Captive screw, cover	537-9007-045
HW 002	Screw, 6-32 x 5/16" Torx	575-0006-010
HW 003	Plug, option (in unused chass hole)	032-0792-075
HW 004	Audio amp U1 clip	017-9700-001
HW 005	O-ring, 1/8" x 1/4" cover screw	574-2002-001
HW 006	Nylon washer, cover screw	596-4408-015
HW 007	Split rubber grommet 1/8"ID	574-0002-015
HW 009	Flat washer, cover screw	596-9408-009
HW 010	Screw, 4-40 x 5/16" phil pan hd	575-0604-010
HW 011	Washer, No 4 split lock	596-1304-008
HW 012	Washer, No. 4 split lock	596-1304-008
HW 020	1/4" x 1.20" x 1.90" urethane pad	018-1007-250

Interface Board

Ref No.	Description	Part No.
HW 150	Screw, 4-40 x 5/16 phil pan hd	575-0604-010
HW 151	Screw, 6-32 x 3/8 phil flat hd	575-8206-012
HW 152	Screw, 8-32 x 3/8 hex socket hd	575-9076-012
HW 202	Screw, 4-40 x 1-1/8 mach pan hd	575-1604-036
HW 203	Screw, 2-56 x 1/8 pan hd	575-1602-004
HW 204	Screw, 4-40 x 1/4 pan hd	575-1604-008
J 002	RF – PA board connector	515-9006-110
J 200	Connector, 28-pin inline header	515-7181-038
MP 002	Cover, top black	015-0970-007
MP 003	Cover, bottom black	015-0970-009
MP 004	Gasket, blank front panel (remote)	032-0792-068
MP 005	Front panel, blank (remote)	032-0792-005
MP 151	Cover, 100W heatsink	017-9700-007
MP 152	Gasket, 100W heatsink cover	018-1136-142
MP 153	Gasket, 100W heatsink coax	018-1136-144
MP 156	Gasket, top cover	018-1136-136
MP 157	Gasket, bottom cover	018-1136-134
MP 300	Foam tape, dbl side	574-3002-013
MP501	Shield, coax gnd (800 MHz)	017-2226-017
MP 502	Shield, low-pass filter (800 MHz)	017-2226-036
MP 503	Grounding finger (800 MHz)	537-5001-010
MP 504	Grounding clip (800 MHz)	537-5001-004
MP 505	Grounding clip (rx/ex assy)	017-9700-003
	Shield (800 MHz)	017-2227-063
MP 506	Transistor ground tab (800 MHz)	017-2225-527
MP 601	Shield, low-pass filter	017-9700-000
NP 001	Label, RS 5300	559-5300-100
NP 002	Label, Johnson	559-9001-310
W 103	Cable assy, display - logic bd	023-5300-025
W 501	Pwr pigtail cable assembly, std PA	597-2002-235
W 502	RF pigtail cable assembly, std PA	597-2002-240
INTERFACE BOARD		
Part No. 023-5300-201		
C 002	470 μ F 25V electrolytic	510-4064-471
C 003	100 μ F 25V electrolytic	510-4425-101
C 004	1.0 μ F 10V tantalum smd	510-2624-109
C 005	.1 μ F $\pm$ 5% X7R 50V cer smd	510-3609-104

Interface Board Assembly (Cont'd)

Ref No.	Description	Part No.
C 006	.1 μ F $\pm$ 5% X7R 50V cer smd	510-3609-104
C 007	.1 μ F $\pm$ 5% X7R 50V cer smd	510-3609-104
C 009	470 pF $\pm$ 5% NPO cer smd	510-3602-471
C 010	.1 μ F $\pm$ 10% X7R 50V cer smd	510-3606-104
C 011	.1 μ F $\pm$ 10% X7R 50V cer smd	510-3606-104
C 012	.1 μ F $\pm$ 10% X7R 50V cer smd	510-3606-104
C 013	4.7 μ F 10V tantalum smd	510-2624-479
C 014	4.7 μ F 10V tantalum smd	510-2624-479
C 015	.01 μ F $\pm$ 5% X7R 50V cer smd	510-3609-103
CR 001	10V zener SOT-23	523-2016-100
CR 002	Switching diode SOT-23	523-1504-002
J 201	Connector, 20-pin	515-7111-230
J 202	Connector, 30-pin	515-7106-430
P 100	Header, 2-pin friction lock	515-9031-201
P 101	Header, 3-pin friction lock	515-9031-202
PC 201	PC board, interface	035-5300-200
Q 001	NPN general purpose	576-0003-658
Q 002	NPN general purpose	576-0003-658
R 002	2.2 ohm $\pm$ 5% 1W smd	569-0175-229
R 003	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
R 004	47k ohm $\pm$ 5% 1/8W smd	569-0105-473
R 005	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
R 006	7.5k ohm $\pm$ 5% 1/8W smd	569-0105-752
R 008	1k ohm $\pm$ 5% 1/8W smd	569-0115-102
R 009	1k ohm $\pm$ 5% 1/8W smd	569-0115-102
R 010	1k ohm $\pm$ 5% 1/8W smd	569-0115-102
R 011	10k ohm $\pm$ 1% 1/8W smd	569-0111-401
R 012	35.7k ohm $\pm$ 1% 1/8W smd	569-0111-454
R 013	10k ohm $\pm$ 5% 1/8W smd	569-0115-103
R 014	10k ohm $\pm$ 5% 1/8W smd	569-0115-103
R 015	Zero ohm jumper	569-0115-001
R 016	10k ohm $\pm$ 5% 1/8W smd	569-0115-103
R 017	3k ohm $\pm$ 5% 1/8W smd	569-0115-302
R 018	10k ohm $\pm$ 5% 1/8W smd	569-0115-103
R 019	Zero ohm jumper	569-0115-001
R 020	10k ohm $\pm$ 5% 1/8W smd	569-0115-103
R 021	10k ohm $\pm$ 5% 1/8W smd	569-0115-103
R 022	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
U 001	Audio amp, 22W TDA1519	544-2004-003
U 002	Voltage regulator, adjust TK11900	544-2603-093

Receiver/Exciter Assembly

Ref No.	Description	Part No.
U 003	Op amp, dual LM2904	544-2019-004
U 004	Digital potentiometer, 2-ch AD8402	544-0004-213
RECEIVER/EXCITER ASSEMBLY Part No. 023-53x7-202/-212		
A 001	Interconnect board assy, unrevised (see separate listing which follows)	023-5300-050
	Interconnect board assy, revised (see separate listing which follows)	023-5300-055
A 002	RF board assembly, VHF unrevised	585-0400-003
	RF board assembly, VHF revised	585-5100-003
	RF board assy, UHF unrevised	587-0400-005
	RF board assy, UHF revised	585-5100-005
	RF board assy, 800 MHz unrevised	587-5000-003
	RF board assy, 800 MHz revised	585-5100-009
A 216	Flex circuit, revised RF to logic bd	035-5100-050
EP 001	0.2 x 0.2 fish paper	018-1080-020
HW 001	Screw, 2-56 x 3/16" pan hd	575-1602-006
HW 002	Screw, 4-40 x 1/4" pan hd	575-1604-008
HW 003	Lockwasher, internal	596-2102-006
HW 004	Washer, split lock #4 ZPS	596-1304-008
MP 002	Metal RF board housing	015-0970-004
MP 003	Cover for housing MP2	015-0970-005
MP 004	H-clip for RF board (unrevised bd)	017-2229-509
	Grounding clip (revised bd)	537-5001-005
P 001	Jumper, flex	515-9500-005
W 001	Coax assy, right angle	597-3008-001
INTERCONNECT BOARD ASSEMBLY Part No. 023-5300-050/-055		
C 001	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 002	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 003	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 004	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 005	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 007	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 008	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 009	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 010	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 011	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 012	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 014	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 016	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390

Receiver/Exciter Assembly (Cont'd)

Ref No.	Description	Part No.
C 017	.1 μ F X7R $\pm$ 10% 50V cer smd	510-3675-104
C 018	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 019	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 020	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 021	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 022	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 024	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 025	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 026	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 027	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 028	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 029	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
C 030	39 pF $\pm$ 5% NPO 50V cer smd	510-3674-390
EP 001	Ferrite bead smd	517-2503-002
EP 002	Ferrite bead smd	517-2503-002
J 001	Connector, 2 x 10-pin (unrevised)	515-7113-070
	Connector, 20-pin ZIF (revised bd)	515-7111-520
J 002	Connector, 30-pin	515-7111-430
MP 011	Contact, power (unrevised bd)	013-1724-001
PC 001	PC board, interconnect (revised)	035-5300-050
PC 011	Flex circuit, power (unrevised bd)	035-1800-180
R 002	10k ohm $\pm$ 5% 1/16W smd	569-0155-103

VHF 50W PA BOARD ASSEMBLY
Part No. 023-5315-521

C 501	12 pF $\pm$ 10% 50V high Q smd	510-3663-120
C 502	10 pF 250V mini mica	510-0019-100
C 503	22 pF $\pm$ 10% 50V high Q smd	510-3663-220
C 504	12 pF 250V mini mica	510-0019-120
C 505	22 pF $\pm$ 10% 50V high Q smd	510-3663-220
C 506	10 pF 250V mini mica	510-0019-100
C 507	8.2 pF $\pm$ 10% 50V high Q smd	510-3663-829
C 508	300 pF $\pm$ 10% 50V high Q smd	510-3663-301
C 509	12 pF $\pm$ 10% 50V high Q smd	510-3663-120
C 510	300 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 511	300 pF $\pm$ 10% 50V high Q smd	510-3663-301
C 512	33 pF $\pm$ 5% NPO 50V cer smd	510-3615-330
C 513	12 pF $\pm$ 5% NPO 50V cer smd	510-3615-120
C 515	300 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 516	300 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 517	51 pF $\pm$ 5% NPO 50V cer smd	510-3601-510

VHF 50W PA Board Assembly

Ref No.	Description	Part No.
C 518	.01 μ F $\pm$ 10% X7R 50V cer smd	510-3605-103
C 519	300 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 520	300 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 521	300 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 522	300 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 523	33 pF $\pm$ 5% NPO 50V cer smd	510-3615-330
C 524	120 pF $\pm$ 5% NPO 50V cer smd	510-3601-121
C 526	.01 μ F $\pm$ 10% X7R 50V cer smd	510-3605-103
C 527	30 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 528	.01 μ F $\pm$ 10% X7R 50V cer smd	510-3605-103
C 529	300 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 530	.1 μ F $\pm$ 10% X7R 50V cer smd	510-3606-104
C 531	.1 μ F $\pm$ 10% X7R 50V cer smd	510-3606-104
C 532	.01 μ F X7R $\pm$ 10% 50V cer smd	510-3605-103
C 533	300 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 534	300 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 535	240 pF $\pm$ 5% NPO 50V cer smd	510-3615-241
C 536	51 pF $\pm$ 5% NPO 50V cer smd	510-3601-510
C 537	100 pF $\pm$ 5% NPO 50V cer smd	510-3601-101
C 538	150 pF $\pm$ 5% NPO 50V cer smd	510-3601-151
C 540	4.7 μ F 20V tantalum smd	510-2626-479
C 541	300 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 542	.01 μ F X7R $\pm$ 10% 50V cer smd	510-3605-103
C 543	.01 μ F X7R $\pm$ 10% 50V cer smd	510-3605-103
C 544	300 pF $\pm$ 5% NPO 50V cer smd	510-3615-301
C 545	130 pF $\pm$ 10% 50V high Q smd (revised bd)	510-3663-131
	120 pF $\pm$ 10% 50V high Q smd (unrevised bd)	510-3663-121
C 546	120 pF $\pm$ 10% 50V high Q smd	510-3663-121
C 547	56 pF $\pm$ 10% 50V high Q smd (revised bd)	510-3663-560
	100 pF $\pm$ 10% 50V high Q smd (unrevised bd)	510-3663-101
C 548	300 pF $\pm$ 10% 50V high Q smd	510-3663-301
C 549	220 pF $\pm$ 10% 50V high Q smd	510-3663-221
C 550	220 pF $\pm$ 10% 50V high Q smd	510-3663-221
C 551	220 pF $\pm$ 10% 50V high Q smd	510-3663-221
C 552	220 pF $\pm$ 10% 50V high Q smd	510-3663-221
C 553	220 pF $\pm$ 10% 50V high Q smd	510-3663-221
C 554	300 pF $\pm$ 10% 50V high Q smd (revised bd)	510-3663-301
	300 pF 250V mini mica (unrevised bd)	510-0019-301

VHF 50W PA Board Assembly (Cont'd)

Ref No.	Description	Part No.
C 555	300 pF $\pm 10\%$ 50V high Q smd (revised bd)	510-3663-301
	300 pF 250V mini mica (unrevised bd)	510-0019-301
C 556	120 pF $\pm 10\%$ 50V high Q smd (revised bd)	510-3663-121
	240 pF 250V mini mica (unrevised bd)	510-0019-241
C 557	120 pF $\pm 10\%$ 50V high Q smd (revised bd)	510-3663-121
	240 pF 250V mini mica (unrevised bd)	510-0019-241
C 558	100 pF $\pm 10\%$ 50V high Q smd (revised bd)	510-3663-101
	100 pF 250V mini mica (unrevised bd)	510-0019-101
C 559	100 pF $\pm 10\%$ 50V high Q smd (revised bd)	510-3663-101
	100 pF 250V mini mica (unrevised bd)	510-0019-101
C 560	39 pF $\pm 10\%$ 50V high Q smd (revised bd)	510-3663-390
	43 pF 250V mini mica (unrevised bd)	510-0019-430
C 561	0.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 562	300 pF $\pm 10\%$ 50V high Q smd	510-3663-301
C 563	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105
C 564	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 565	300 pF $\pm 5\%$ NPO 50V cer smd	510-3615-301
C 566	.018 μ F $\pm 10\%$ X7R 50V cer smd	510-3605-183
C 567	.018 μ F $\pm 10\%$ X7R 50V cer smd	510-3605-183
C 568	300 pF $\pm 5\%$ NPO 50V cer smd	510-3615-301
C 569	300 pF $\pm 5\%$ NPO 50V cer smd	510-3615-301
C 570	.018 μ F $\pm 10\%$ X7R 50V cer smd	510-3605-183
C 571	300 pF $\pm 5\%$ NPO 50V cer smd	510-3615-301
C 572	.018 μ F $\pm 10\%$ X7R 50V cer smd	510-3605-183
C 573	300 pF $\pm 5\%$ NPO 50V cer smd	510-3615-301
C 574	1500 μ F 25V electrolytic	510-4055-152
C 577	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 579	10 μ F 25V tantalum smd	510-2627-100
C 580	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105
C 581	.01 μ F $\pm 5\%$ X7R 50V cer smd	510-3609-103
C 582	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105
C 583	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105
C 585	470 μ F 16V electrolytic	510-4056-471

Ref No.	Description	Part No.
C 588	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105
C 589	470 μ F 16V electrolytic	510-4056-471
C 590	1500 μ F 25V electrolytic	510-4055-152
C 591	.01 μ F $\pm 10\%$ X7R 50V cer smd	510-3605-103
C 593	.001 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-102
C 594	.001 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-102
C 597	100 pF $\pm 5\%$ NPO 50V cer smd	510-3601-101
C 598	100 pF $\pm 5\%$ NPO 50V cer smd	510-3601-101
C 599	100 pF $\pm 5\%$ NPO 50V cer smd	510-3601-101
C 600	100 pF $\pm 5\%$ NPO 50V cer smd	510-3601-101
C 608	100 pF $\pm 5\%$ NPO 50V cer smd	510-3601-101
C 609	100 pF $\pm 5\%$ NPO 50V cer smd	510-3601-101
C 611	27 pF $\pm 10\%$ 50V high Q smd	510-3663-270
C 612	47 pF $\pm 10\%$ 50V high Q smd	510-3663-470
C 613	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105
C 614	56 pF $\pm 10\%$ 50V high Q smd	510-3663-560
C 615	56 pF $\pm 10\%$ 50V high Q smd	510-3663-560
C 616	150 pF $\pm 10\%$ 50V high Q smd	510-3663-151
C 617	150 pF $\pm 10\%$ 50V high Q smd	510-3663-151
C 618	200 pF $\pm 10\%$ 50V high Q smd	510-3663-201
C 620	300 pF $\pm 5\%$ NPO 50V cer smd	510-3615-301
C 621	39 pF $\pm 5\%$ NPO 50V cer smd	510-3615-390
C 622	300 pF $\pm 5\%$ NPO 50V cer smd	510-3615-301
CR 501	Pin diode	523-1504-032
CR 502	Pin diode	523-1504-032
CR 503	Pin switching diode	523-1504-001
CR 506	Switching diode SOT-23	523-1504-002
CR 508	Switching diode SOT-23	523-1504-002
CR 509	Switching diode SOT-23	523-1504-002
CR 510	HC diode	523-1504-016
CR511	Pin switching diode	523-1504-001
CR 512	Pin switching diode	523-1504-001
CR 513	Pin switching diode	523-1504-001
CR 514	Transient suppressor	523-2906-001
CR 515	Schottky power 3A,40V	523-0519-032
EP 501	Ferrite bead smd	517-2503-010
EP 502	Ferrite bead smd	517-2503-010
EP 503	Ferrite bead smd	517-2503-002
J 501	Connector, 20-pin	515-7111-230
J 502	Connector, SMT receptacle	515-7111-470
L 501	2T inductor	016-0020-082

VHF 50W PA Board Assembly (Cont'd)

Ref No.	Description	Part No.
L 502	2T inductor	016-0020-082
L 503	2T inductor	016-0020-082
L 504	10T inductor	016-0020-050
L 505	10T inductor	542-0030-010
L 506	1.0 μ H $\pm$ 5% smd	542-9000-109
L 507	1.0 μ H $\pm$ 5% smd	542-9000-109
L 509	10T 43 nH smd	542-0030-010
L 510	10T 43 nH smd	542-0030-010
L 511	6T 17.5 nH	542-0030-006
L 512	330 nH inductor smd	542-9003-338
L 514	10T 43 nH smd	542-0030-010
L 515	10T 43 nH smd	542-0030-010
L 516	Air dielectric inductor	016-0020-058
L 517	4T .08" diameter inductor	542-0020-034
L 518	4T.08" diameter inductor	542-0020-034
L 519	70 μ H DC line filter	542-5010-003
L 520	100 μ H 3A toroid inductor	542-5010-016
L 521	50 μ H 3A toroid inductor	542-5010-013
MP 501	Line choke tie-down bracket	017-9700-005
PC 501	PA board, VHF rev 7	035-5315-500 7
Q 501	NPN general purpose	576-0003-658
Q 504	NPN general purpose	576-0003-658
Q 505	NPN general purpose	576-0003-658
Q 506	PNP power Darlington amp	576-0007-013
Q 507	NPN general purpose	576-0003-658
Q 508	NPN general purpose	576-0003-658
Q 509	NPN RF power	576-0004-111
Q 510	NPN RF power 75W, 175 MHz	576-0004-053
Q 511	PNP power Darlington	576-0007-013
Q 512	PNP switching	576-0003-612
Q 513	NPN general purpose	576-0003-658
Q 514	NPN general purpose	576-0003-658
R 501	220k ohm $\pm$ 5% 1/8W smd	569-0105-224
R 502	220k ohm $\pm$ 5% 1/8W smd	569-0105-224
R 503	220 ohm $\pm$ 5% 1/8W smd	569-0105-221
R 505	100 ohm $\pm$ 5% 1W smd	569-0175-101
R 506	100 ohm $\pm$ 5% 1W smd	569-0175-101
R 507	220k ohm $\pm$ 5% 1/8W smd	569-0105-224
R 508	4.7k ohm $\pm$ 5% 1/8W smd	569-0105-472
R 509	68k ohm $\pm$ 5% 1/8W smd	569-0105-683
R 511	0 ohm jumper	569-0105-001
R 512	0 ohm jumper	569-0105-001

Ref No.	Description	Part No.
R 513	3.9k ohm $\pm$ 5% 1/8W smd	569-0105-392
R 508	4.7k ohm $\pm$ 5% 1/8W smd	569-0105-472
R 519	47k ohm $\pm$ 5% 1/8W smd	569-0105-473
R 520	20k ohm $\pm$ 5% 1/8W smd	569-0105-203
R 521	20k ohm $\pm$ 5% 1/8W smd	569-0105-203
R 522	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
R 523	20k ohm $\pm$ 5% 1/8W smd	569-0105-203
R 524	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
R 525	20k ohm $\pm$ 5% 1/8W smd	569-0105-203
R 526	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
R 527	20k ohm $\pm$ 5% 1/8W smd	569-0105-203
R 528	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
R 529	20k ohm $\pm$ 5% 1/8W smd	569-0105-203
R 530	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
R 531	20k ohm $\pm$ 5% 1/8W smd	569-0105-203
R 532	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
R 533	20k ohm $\pm$ 5% 1/8W smd	569-0105-203
R 534	220k ohm $\pm$ 5% 1/8W smd	569-0105-224
R 535	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
R 536	2.2k ohm $\pm$ 5% 1/8W smd	569-0105-222
R 537	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
R 538	18k ohm $\pm$ 5% 1/8W smd	569-0105-183
R 539	47k ohm $\pm$ 5% 1/8W smd	569-0105-473
R 540	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
R 541	1.8k ohm $\pm$ 5% 1/8W smd	569-0105-182
R 542	1.0k ohm $\pm$ 5% 1/8W smd	569-0105-102
R 543	4.3k ohm $\pm$ 5% 1/8W smd	569-0105-432
R 544	4.3k ohm $\pm$ 5% 1/8W smd	569-0105-432
R 545	6.2k ohm $\pm$ 5% 1/8W smd	569-0105-622
R 546	330 ohm $\pm$ 5% 1/8W smd	569-0105-331
R 547	470k ohm $\pm$ 5% 1/8W smd	569-0105-474
R 548	10k ohm $\pm$ 5% 1/8W smd	569-0105-103
R 549	20k ohm $\pm$ 5% 1/8W smd	569-0105-203
R 550	1.0k ohm $\pm$ 5% 1/8W smd	569-0105-102
R 551	18k ohm $\pm$ 5% 1/8W smd	569-0105-183
R 552	68k ohm $\pm$ 5% 1/8W smd	569-0105-683
R 553	1.0k ohm $\pm$ 5% 1/8W smd	569-0105-102
R 554	100 ohm $\pm$ 5% 1/8W smd	569-0105-101
R 555	4.7k ohm $\pm$ 5% 1/8W smd	569-0105-472
R 556	10 ohm $\pm$ 5% 1W smd	569-0175-100
R 557	100 ohm $\pm$ 5% 1W smd	569-0175-101
R 558	18k ohm $\pm$ 5% 1/8W smd	569-0105-183
R 559	51 ohm $\pm$ 5% 1W smd	569-0175-510
R 560	51 ohm $\pm$ 5% 1W smd	569-0175-510
R 561	.015 ohm $\pm$ 5% 2W smd	569-2020-157

VHF 50W PA Board Assembly (Cont'd)

Ref No.	Description	Part No.
R 562	200 ohm $\pm 5\%$ 1/8W smd	569-0115-201
R 563	200 ohm $\pm 5\%$ 1/8W smd	569-0115-201
R 564	4.7k ohm $\pm 5\%$ 1/8W smd	569-0115-472
R 565	330 ohm $\pm 5\%$ 1/8W smd	569-0105-331
R 566	100 ohm $\pm 5\%$ 0.75W smd	569-0135-101
R 567	68k ohm $\pm 5\%$ 1/8W smd	569-0105-683
R 568	39k ohm $\pm 5\%$ 1/8W smd (revised bd)	569-0105-394
	100k ohm $\pm 5\%$ 1/8W smd (unrevised bd)	569-0105-104
R 569	68k ohm $\pm 5\%$ 1/8W smd	569-0105-683
R 570	470 ohm $\pm 5\%$ 1/8W smd	569-0105-471
R 571	100 ohm $\pm 5\%$ 1/8W smd	569-0105-101
R 572	1.2k ohm $\pm 5\%$ 1/8W smd	569-0115-122
R 573	1.2k ohm $\pm 5\%$ 1/8W smd	569-0115-122
R 574	100k ohm $\pm 5\%$ 1/8W smd	569-0105-104
R 575	560 ohm $\pm 5\%$ 1/8W smd	569-0105-561
R 576	1.2k ohm $\pm 5\%$ 1/8W smd	569-0115-122
R 577	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 578	3.01k ohm $\pm 1\%$ 1/8W smd	569-0111-347
R 579	1.27k ohm 1% 1/8W smd	569-0111-311
R 580	680 ohm $\pm 5\%$ 1/8W smd	569-0105-681
R 581	18k ohm $\pm 5\%$ 1/8W smd	569-0105-183
R 582	68k ohm $\pm 5\%$ 1/8W smd	569-0105-683
R 583	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 584	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 585	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
R 586	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
R 587	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
R 588	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
R 589	820 ohm $\pm 5\%$ 1/8W smd	569-0105-821
RT 501	Thermistor, 10k ohm $\pm 5\%$ smd	569-3013-007
U 501	Shift reg, 8-stage MC4094	544-3016-094
U 502	Op amp, dual LM2904	544-2019-004
U 505	Current sense amp MAX472ESA	544-2039-002
U 506	Switching regulator, 3A MC33166	544-2003-102
U 507	Op amp, dual LM2904	544-2019-004
VHF 100W PA BOARD ASSEMBLY Part No. 023-5315-510		
A 120	Power pigtail cable assembly includes: Housing, 75-amp red	023-5315-120 515-9032-559

VHF 100W PA Board Assembly

Ref No.	Description	Part No.
	Contact, 50-amp 10/12 AWG	515-9032-561
	Housing, 75-amp black	515-9032-557
	Connector boot, power 8 AWG	574-9025-015
	Power cable	597-2002-236
C 002	20 pF 250V mini mica	510-0019-200
C 003	43 pF 250V mini mica	510-0019-430
C 005	180 pF 250V mini mica	510-0019-181
C 006	180 pF 250V mini mica	510-0019-181
C 007	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 008	300 pF $\pm 5\%$ NPO 50V cer smd	510-3615-301
C 009	22 μ F 16V tantalum smd	510-2625-220
C 010	300 pF $\pm 5\%$ NPO 50V cer smd	510-3615-301
C 011	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 013	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 014	270 pF 250V mini mica	510-0019-271
C 015	270 pF 250V mini mica	510-0019-271
C 017	82 pF 250V mini-mica	510-0019-820
C 018	56 pF 250V mini mica	510-0019-560
C 019	14 pF 250V mini mica	510-0019-140
C 021	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 023	20 pF 250V mini mica	510-0019-200
C 024	47 pF 250V mini mica	510-0019-470
C 026	180 pF 250V mini mica	510-0019-181
C 027	180 pF 250V mini mica	510-0019-181
C 028	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 029	300 pF $\pm 5\%$ NPO 50V cer smd	510-3615-301
C 030	22 μ F 16V tantalum smd	510-2625-220
C 031	300 pF $\pm 5\%$ NPO 50V cer smd	510-3615-301
C 032	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 034	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 035	270 pF 250V mini mica	510-0019-271
C 036	270 pF 250V mini mica	510-0019-271
C 038	82 pF 250V mini mica	510-0019-820
C 039	56 pF 250V mini mica	510-0019-560
C 040	14 pF 250V mini mica	510-0019-140
CH 151	100-watt heat sink 5300	015-0970-013
CR 001	Transient suppressor	523-2906-001
EP 001	Insulator, high power resistor	018-1136-146
	Ferrite bead smd	517-2503-010
EP 002	Insulator, DC leads	018-1136-148
	Ferrite bead smd	517-2503-010
EP 003	Ferrite bead smd	517-2503-010
	Terminal lug	586-0005-106

VHF 100W PA Board Assembly (Cont'd)

Ref No.	Description	Part No.
EP 004	Ferrite bead smd	517-2503-010
EP 006	Eyelet	031-0313-001
EP 007	Eyelet	031-0313-001
F 001	Fuse, 15A 32V	534-0332-015
FH 001	Fuse clip	534-1007-006
FH 002	Fuse clip	534-1007-006
HW 001	Screw, #6 x 1/4 torx zps	575-1006-008
HW 002	Screw, 4-40 x 1/4 pan head zps	575-1604-008
HW 003	Screw, 6-32 x 3/8 flat head	575-8206-012
HW 004	Screw, 8-32 x 3/8 hex soc cap blk	575-9076-012
HW 005	Screw, 2-56 x 3/8 pan hd	575-1602-012
HW 006	Screw, 4-40 x 5/16 pan hd zps ph	575-1604-010
HW 007	Washer, split lock #4 zps	596-1304-008
HW 008	Lock washer, internal 2 x .013 thk	596-2102-006
HW 010	.31 flag terminal	586-0004-004
L 001	3T .120 in ID smd inductor	542-0020-053
L 002	1T .140 in ID 18 awg inductor	542-0020-061
L 003	10T 43.0 nH smd inductor	542-0030-010
L 004	8T .120 in ID smd inductor	542-0020-058
L 005	8T .120 in ID smd inductor	542-0020-058
L 006	1T .060 in ID smd inductor	542-0020-011
L 007	1T .120 in ID 18 awg inductor	542-0020-051
L 008	3T .120 in ID smd inductor	542-0020-053
L 009	3T .120 in ID smd inductor	542-0020-053
L 010	1T .140 in ID 18 awg inductor	542-0020-061
L 011	10T 43.0 nH smd inductor	542-0030-010
L 012	8T .120 in ID smd inductor	542-0020-058
L 013	8T .120 in ID smd inductor	542-0020-058
L 014	1T .060 in ID smd inductor	542-0020-011
L 015	1T .120 in ID 18 awg inductor	542-0020-051
L 016	3T .120 in ID smd inductor	542-0020-053
L 017	10 μ H RF choke	542-4503-100
MP 153	Coax gasket	018-1136-144
PC 001	PC board, 100W PA	035-5315-5102
Q 001	100W VHF amp	576-0004-147
Q 002	100W VHF amp	576-0004-147
R 001	100 ohm $\pm$ 5% 1W smd	569-0175-101
R 002	100 ohm $\pm$ 5% 1W smd	569-0175-101

UHF 15W PA Board Assembly

Ref No.	Description	Part No.
R 003	100 ohm $\pm$ 5% 1W smd	569-0175-101
R 004	100 ohm $\pm$ 5% 1W smd	569-0175-101
R 005	High power resistor, 50 watt	569-5003-003
R 006	High power resistor, 150 watt	569-5003-001
RT 001	Thermistor, 10k ohm smd	569-3013-007
U 001	Hybrid coupler, 130-180 MHz	585-2001-001
U 002	Hybrid coupler, 130-180 MHz	585-2001-001
W 120	Coax, double shld RG 316/U	597-3002-011
W 500	Coax .141 dia.	597-3001-011
W 501	Power cable, RF to PA board	597-2002-238
W 502	RF pigtail cable	597-2002-239
W 5xx	DC power cable assembly	See A120

UHF 15W PA BOARD ASSEMBLY
Part No. 023-5335-511

C 500	.01 μ F X7R $\pm$ 10% 50V cer smd	510-3605-103
C 502	100 pF $\pm$ 5% NPO 50V cer smd	510-3615-101
C 503	100 pF $\pm$ 5% NPO 50V cer smd	510-3615-101
C 504	.01 μ F X7R $\pm$ 10% 50V cer smd	510-3605-103
C 505	.001 μ F X7R $\pm$ 10% 50V cer smd	510-3605-102
C 506	.01 μ F X7R $\pm$ 10% 50V cer smd	510-3605-103
C 507	1 μ F $\pm$ 10% X7R 16V cer smd	510-3606-105
C 508	100 pF $\pm$ 5% NPO 50V cer smd	510-3615-101
C 509	.001 μ F X7R $\pm$ 10% 50V cer smd	510-3605-102
C 513	100 pF $\pm$ 5% NPO 50V cer smd	510-3615-101
C 514	.01 μ F X7R $\pm$ 10% 50V cer smd	510-3605-103
C 515	100 pF NPO $\pm$ 5% 50V cer smd	510-3601-101
C 516	100 pF $\pm$ 5% NPO 50V cer smd	510-3615-101
C 517	100 pF $\pm$ 5% NPO 50V cer smd	510-3601-101
C 518	.1 μ F $\pm$ 10% X7R 50V cer smd	510-3606-104
C 519	100 pF $\pm$ 5% NPO 50V cer smd	510-3615-101
C 520	100 pF $\pm$ 5% NPO 50V cer smd	510-3601-101
C 521	100 pF $\pm$ 5% NPO 50V cer smd	510-3615-101
C 522	100 pF $\pm$ 10% 50V high Q smd	510-3663-101
C 523	5.1 pF $\pm$ 5% NPO 50V cer smd	510-3615-519
C 524	100 pF $\pm$ 5% NPO 50V cer smd	510-3601-101
C 525	7.5 pF $\pm$ 5% NPO 50V cer smd	510-3615-759
C 526	100 pF $\pm$ 5% NPO 50V cer smd	510-3615-101
C 528	5.1 pF $\pm$ 5% NPO 50V cer smd	510-3615-519
C 529	100 pF $\pm$ 5% NPO 50V cer smd	510-3615-101

UHF 15W PA Board Assembly (Cont'd)

Ref No.	Description	Part No.
C 532	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 533	100 pF $\pm 10\%$ 50V high Q smd	510-3663-101
C 534	1.0 pF $\pm 10\%$ 50V high Q smd	510-3663-109
C 535	3.9 pF $\pm 10\%$ 50V high Q smd	510-3663-399
C 536	5.1 pF $\pm 10\%$ 50V high Q smd	510-3663-519
C 537	5.1 pF $\pm 10\%$ 50V high Q smd	510-3663-519
C 538	3.9 pF $\pm 10\%$ 50V high Q smd	510-3663-399
C 539	7.5 pF $\pm 10\%$ 50V high Q smd	510-3663-759
C 540	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 541	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 542	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 543	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105
C 544	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 545	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 546	6.8 uF 35V tantalum smd	510-2635-689
C 547	100 pF $\pm 10\%$ 50V high Q smd	510-3663-101
C 548	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 549	4.7 uF $\pm 10\%$ 20V tantalum smd	510-2626-479
C 551	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 552	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 553	12 pF $\pm 5\%$ NPO 50V cer smd	510-3615-120
C 554	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 555	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 556	.018 X7R $\pm 10\%$ 50V cer smd	510-3605-183
C 557	100 pF $\pm 10\%$ 50V high Q smd	510-3663-101
C 558	6.8 uF 35V tantalum smd	510-2635-689
C 559	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 560	100 pF $\pm 10\%$ 50V high Q smd	510-3663-101
C 561	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 562	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 563	100 pF $\pm 10\%$ 50V high Q smd	510-3663-101
C 564	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 566	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 567	27 pF $\pm 10\%$ 50V high Q smd	510-3663-270
C 567	56 pF $\pm 10\%$ 50V high Q smd	510-3663-560
C 568	15 pF $\pm 5\%$ NPO 50V cer smd	510-3615-150
C 569	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 570	24 pF $\pm 10\%$ 50V high Q smd	510-3663-240
C 570	24 pF $\pm 10\%$ 50V high Q smd	510-3663-240
C 571	6.2 pF $\pm 10\%$ 50V high Q smd	510-3663-629
C 571	56 pF $\pm 10\%$ 50V high Q smd	510-3663-560
C 572	100 pF $\pm 10\%$ 50V high Q smd	510-3663-101
C 573	39 pF $\pm 10\%$ 50V high Q smd	510-3663-390
C 574	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 575	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101

Ref No.	Description	Part No.
C 576	51 pF $\pm 10\%$ 50V high Q smd	510-3663-510
C 577	51 pF $\pm 10\%$ 50V high Q smd	510-3663-510
C 578	5.6 pF $\pm 10\%$ 50V high Q smd	510-3663-569
C 579	5.6 pF $\pm 10\%$ 50V high Q smd	510-3663-569
C 580	6.2 pF $\pm 10\%$ 50V high Q smd	510-3663-629
C 580	56 pF $\pm 10\%$ 50V high Q smd	510-3663-560
C 582	24 pF $\pm 10\%$ 50V high Q smd	510-3663-240
C 582	24 pF $\pm 10\%$ 50V high Q smd	510-3663-240
C 583	15 pF $\pm 5\%$ NPO 50V cer smd	510-3615-150
C 584	27 pF $\pm 10\%$ 50V high Q smd	510-3663-270
C 584	56 pF $\pm 10\%$ 50V high Q smd	510-3663-560
C 585	15 pF $\pm 5\%$ NPO 50V cer smd	510-3615-150
C 586	20 pF $\pm 5\%$ NPO 50V cer smd	510-3615-200
C 587	.018 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-183
C 593	.018 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-183
C 594	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 595	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 596	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 597	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105
C 598	.010 uF X7R $\pm 5\%$ cer smd	510-3609-103
C 599	1500 uF 25V alum electrolytic	510-4055-152
C 600	10 uF 25V tantalum smd	510-2627-100
C 601	470 uF 16V alum electrolytic	510-4056-471
C 602	.018 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-183
C 603	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 606	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105
C 607	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105
C 608	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 609	470 uF 16V alum electrolytic	510-4056-471
C 612	27 pF $\pm 10\%$ 50V high Q smd	510-3663-270
C 613	100 pF $\pm 5\%$ NPO 50V cer smd	510-3615-101
C 650	18 pF $\pm 10\%$ 50V high Q smd	510-3663-180
CR 500	Switching diode	523-1504-002
CR 501	Pin diode	523-1504-032
CR 502	Switching diode	523-1504-002
CR 503	Pin switching diode	523-1504-001
CR 504	Switching diode	523-1504-002
CR 505	Pin diode	523-1504-032
CR 506	Pin switching diode	523-1504-001
CR 507	Pin switching diode	523-1504-001
CR 508	Pin switching diode	523-1504-001
CR 509	HC diode	523-1504-016
CR 510	Transient suppressor	523-2906-001

UHF 15W PA Board Assembly (Cont'd)

Ref No.	Description	Part No.
EP 001	Ferrite Bead Smd	517-2503-010
EP 002	Ferrite Bead Smd	517-2503-010
EP 003	Ferrite Bead Smd	517-2503-010
EP 004	Ferrite Bead Smd	517-2503-010
EP 005	Ferrite Bead Smd	517-2503-010
EP 006	Ferrite Bead Smd	517-2503-002
J 501	Connector, 20-pin	515-7111-230
J 502	Connector, SMT receptacle	515-7111-470
L 500	3T .100 in ID smd inductor	542-0020-043
L 501	3T .100 in ID smd inductor	542-0020-043
L 502	3T .080 in ID smd inductor	542-0020-033
L 503	4T .080 in ID smd inductor	542-0020-034
L 504	3T .080 in ID smd inductor	542-0020-033
L 505	4T .100 in ID smd inductor	542-0020-044
L 506	4T .100 in ID smd inductor	542-0020-044
L 507	1.0 uH $\pm 5\%$ smd inductor	542-9000-109
L 508	10T 43.0 nH smd inductor	542-0030-010
L 509	4T .100 in ID smd inductor	542-0020-044
L 510	10T 43.0 nH smd inductor	542-0030-010
L 511	4T .100 in ID smd inductor	542-0020-044
L 512	1.0 uH $\pm 5\%$ smd inductor	542-9000-109
L 513	9T 35.5 nH smd inductor	542-0030-009
L 514	9T 35.5 nH smd inductor	542-0030-009
L 515	10T 43.0 nH smd inductor	542-0030-010
L 517	DC line filter	542-5010-003
PC 500	PC board, 15W UHF PA rev 0	035-5335-500
Q 500	PNP power Darlington TO-220	576-0007-013
Q 501	Silicon NPN gen purpose	576-0003-658
Q 502	Silicon NPN gen purpose	576-0003-658
Q 503	Silicon NPN gen purpose	576-0003-658
Q 504	Silicon NPN gen purpose	576-0003-658
Q 505	Silicon NPN gen purpose	576-0003-658
Q 506	Silicon NPN gen purpose	576-0003-658
Q 507	NPN 50 watts UHF	576-0004-205
Q 508	NPN 15 watts UHF	576-0004-207
Q 509	NPN 3 watts UHF	576-0004-209
Q 510	Silicon NPN gen purpose	576-0003-658
Q 511	PNP power Darlington TO-220	576-0007-013
Q 512	PNP switching	576-0003-612
R 500	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 501	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203

Ref No.	Description	Part No.
R 502	2.2k ohm $\pm 5\%$ 1/8W smd	569-0105-222
R 503	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 504	3.9k ohm $\pm 5\%$ 1/8W smd	569-0105-392
R 505	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 506	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 507	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 508	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 510	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 511	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 512	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 513	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 514	220k ohm $\pm 5\%$ 1/8W smd	569-0105-224
R 515	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 516	1.8k ohm $\pm 5\%$ 1/8W smd	569-0105-182
R 517	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 518	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 519	18k ohm $\pm 5\%$ 1/8W smd	569-0105-183
R 520	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
R 521	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
R 522	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 523	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 524	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 525	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
R 526	2.0k ohm $\pm 5\%$ 1/8W smd	569-0105-202
R 527	Zero ohm $\pm 5\%$ 1/8W smd	569-0105-001
R 528	220k ohm $\pm 5\%$ 1/8W smd	569-0105-224
R 529	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 530	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
R 531	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 532	100 ohm $\pm 5\%$ 1W smd	569-0175-101
R 533	100 ohm $\pm 5\%$ 1W smd	569-0175-101
R 534	4.3k ohm $\pm 5\%$ 1/8W smd	569-0105-432
R 535	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
R 536	470k ohm $\pm 5\%$ 1/8W smd	569-0105-474
R 537	4.7k ohm $\pm 5\%$ 1/8W smd	569-0105-472
R 538	4.7k ohm $\pm 5\%$ 1/8W smd	569-0105-472
R 539	68k ohm $\pm 5\%$ 1/8W smd	569-0105-683
R 540	4.3k ohm $\pm 5\%$ 1/8W smd	569-0105-432
R 541	330 ohm $\pm 5\%$ 1/8W smd	569-0105-331
R 542	6.2k ohm $\pm 5\%$ 1/8W smd	569-0105-622
R 543	220 ohm $\pm 5\%$ 1/8W smd	569-0105-221
R 544	220k ohm $\pm 5\%$ 1/8W smd	569-0105-224
R 545	220k ohm $\pm 5\%$ 1/8W smd	569-0105-224
R 546	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
R 547	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102

UHF 15W PA Board Assembly (Cont'd)

Ref No.	Description	Part No.
R 548	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 549	18k ohm $\pm 5\%$ 1/8W smd	569-0105-183
R 550	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 551	68k ohm $\pm 5\%$ 1/8W smd	569-0105-683
R 552	820 ohm $\pm 5\%$ 1/8W smd	569-0105-821
R 553	200 ohm $\pm 5\%$ 1/8W smd	569-0115-201
R 554	.030 ohm $\pm 5\%$ 2W wirewound	569-2019-307
R 555	200 ohm $\pm 5\%$ 1/8W smd	569-0115-201
R 556	470 ohm $\pm 5\%$ 1/8W smd	569-0105-471
R 557	4.7k ohm $\pm 5\%$ 1/8W smd	569-0115-472
R 558	18k ohm $\pm 5\%$ 1/8W smd	569-0105-183
R 559	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 560	68k ohm $\pm 5\%$ 1/8W smd	569-0105-683
R 561	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 562	18 ohm $\pm 5\%$ 1/8W smd	569-0115-180
R 563	470 ohm $\pm 5\%$ 1W smd	569-0175-471
R 564	470 ohm $\pm 5\%$ 1W smd	569-0175-471
R 565	680 ohm $\pm 5\%$ 1/8W smd	569-0105-681
R 566	470 ohm $\pm 5\%$ 1W smd	569-0175-471
R 567	100 ohm $\pm 5\%$.75W smd	569-0135-101
R 568	300 ohm $\pm 5\%$ +/- 400 PPM smd	569-0116-301
R 569	300 ohm $\pm 5\%$ +/- 400 PPM smd	569-0116-301
R 570	18k ohm $\pm 5\%$ 1/8W smd	569-0105-183
R 571	68k ohm $\pm 5\%$ 1/8W smd	569-0105-683
R 572	330 ohm $\pm 5\%$ 1/8W smd	569-0105-331
R 573	68k ohm $\pm 5\%$ 1/8W smd	569-0105-683
R 574	10k ohm $\pm 5\%$ thermistor	569-3013-007
R 575	18k ohm $\pm 5\%$ 1/8W smd	569-0105-183
R 576	100 ohm $\pm 5\%$ 1/8W smd	569-0105-101
R 577	100k ohm $\pm 5\%$ 1/8W smd	569-0105-104
R 578	1.2k Ohm J 1206smd RI	569-0115-122
R 579	1.2k Ohm J 1206smd RI	569-0115-122
R 580	1.2k Ohm J 1206smd RI	569-0115-122
R 581	560 ohm $\pm 5\%$ 1/8W smd	569-0105-561
R 582	Zero ohm $\pm 5\%$ 1/8W smd	569-0105-001
R 583	Zero ohm $\pm 5\%$ 1/8W smd	569-0105-001
R 584	Zero ohm $\pm 5\%$ 1/8W smd	569-0105-001
U 501	Shift register, 8-stage MC4094	544-3016-094
U 502	Op amp, dual LM2904	544-2019-004
U 505	Current sense amp MAX472ESA	544-2039-002
U 507	Op amp, dual LM2904	544-2019-004
U 508	Regulator, 8V 3A MC78T08CT	544-2003-095

800 MHz 35W PA Board Assembly

Ref No.	Description	Part No.
800 MHZ PA BOARD ASSEMBLY Part No. 023-5385-501		
C 501	3.9 pF $\pm 10\%$ 50V high Q smd	510-3653-399
C 502	7.5 pF $\pm 10\%$ 50V high Q smd	510-3663-399
C 503	1.0 pF $\pm 5\%$ NPO 50V cer smd	510-3615-109
C 504	7.5 pF $\pm 10\%$ 50V high Q smd	510-3663-399
C 505	3.9 pF $\pm 10\%$ 50V high Q smd	510-3653-399
C 506	39 pF $\pm 5\%$ NPO 50V cer smd	510-3615-390
C 507	9.1 pF $\pm 5\%$ NPO 50V cer smd	510-3615-919
C 508	1.8 pF $\pm 5\%$ NPO 50V cer smd	510-3615-189
C 509	39 pF $\pm 5\%$ NPO 50V cer smd	510-3615-390
C 510	2.2 pF $\pm 5\%$ NPO 50V cer smd	510-3615-229
C 511	56 pF $\pm 10\%$ 50V high Q smd	510-3653-560
C 513	1.8 pF $\pm 5\%$ NPO 50V cer smd	510-3615-189
C 514	12 pF $\pm 5\%$ NPO 50V cer smd	510-3601-120
C 515	8.2 pF $\pm 5\%$ NPO 50V cer smd	510-3615-829
C 516	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 517	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 518	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 519	39 pF $\pm 5\%$ NPO 50V cer smd	510-3615-390
C 521	39 pF $\pm 5\%$ NPO 50V cer smd	510-3615-390
C 522	2.2 pF $\pm 5\%$ NPO 50V cer smd	510-3615-229
C 524	39 pF $\pm 5\%$ NPO 50V cer smd	510-3601-390
C 525	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 526	.01 μ F X7R $\pm 10\%$ 50V cer smd	510-3605-103
C 527	.1 μ F X7R $\pm 10\%$ 50V cer smd	510-3606-104
C 528	39 pF $\pm 5\%$ NPO 50V cer smd	510-3601-390
C 529	.1 μ F X7R $\pm 10\%$ 50V cer smd	510-3606-104
C 530	39 pF $\pm 5\%$ NPO 50V cer smd	510-3601-390
C 531	39 pF $\pm 5\%$ NPO 50V cer smd	510-3601-390
C 532	39 pF $\pm 5\%$ NPO 50V cer smd	510-3601-390
C 533	39 pF $\pm 5\%$ NPO 50V cer smd	510-3601-390
C 534	39 pF $\pm 5\%$ NPO 50V cer smd	510-3601-390
C 535	12 pF $\pm 5\%$ NPO 50V cer smd	510-3601-120
C 536	39 pF $\pm 5\%$ NPO 50V cer smd	510-3601-390
C 537	39 pF $\pm 5\%$ NPO 50V cer smd	510-3601-390
C 538	5.6 pF $\pm 5\%$ NPO 50V cer smd	510-3601-569
C 539	39 pF $\pm 5\%$ NPO 50V cer smd	510-3601-390
C 540	39 pF $\pm 5\%$ NPO 50V cer smd	510-3601-390
C 541	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105
C 542	39 pF $\pm 5\%$ NPO 50V cer smd	510-3601-390
C 543	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105
C 544	1 μ F $\pm 10\%$ X7R 16V cer smd	510-3606-105

800 MHz 35W PA Board Assembly (Cont'd)

Ref No.	Description	Part No.
C 545	39 pF ±5% NPO 50V cer smd	510-3615-390
C 546	.018 µF ±10% X7R 50V cer smd	510-3605-183
C 547	1 µF ±10% X7R 16V cer smd	510-3606-105
C 548	39 pF ±5% NPO 50V cer smd	510-3615-390
C 549	.018 µF ±10% X7R 50V cer smd	510-3605-183
C 550	39 pF ±5% NPO 50V cer smd	510-3615-390
C 551	.018 µF ±10% X7R 50V cer smd	510-3605-183
C 552	1 µF ±10% X7R 16V cer smd	510-3606-105
C 553	.018 µF ±10% X7R 50V cer smd	510-3605-183
C 554	39 pF ±5% NPO 50V cer smd	510-3615-390
C 555	.018 µF ±10% X7R 50V cer smd	510-3605-183
C 556	3.0 pF ±5% NPO 50V cer smd	510-3615-309
C 557	10 pF 250V mini mica	510-0019-100
C 558	12 pF 250V mini mica	510-0019-120
C 559	18 pF 250V mini mica	510-0019-180
C 560	0.01 µF ±10% X7R 16V cer smd	510-3606-103
C 561	18 pF 250V mini mica	510-0019-180
C 562	4 pF 250V mini mica	510-0019-409
C 563	1 µF ±10% X7R 16V cer smd	510-3606-105
C 564	.01 µF X7R ±10% 50V cer smd	510-3605-103
C 565	56 pF ±10% 50V hi Q smd	510-3653-560
C 566	1.0 to 4.5 pF smd variable	512-1008-001
C 567	12 pF ±5% NPO 50V cer smd	510-3615-120
C 568	39 pF ±5% NPO 50V cer smd	510-3615-390
C 569	.018 µF ±10% X7R 50V cer smd	510-3605-183
C 570	39 pF ±5% NPO 50V cer smd	510-3615-390
C 571	1500 µF 25V electrolytic	510-4055-152
C 572	100 pF ±5% NPO 50V cer smd	510-3601-101
C 573	39 pF ±5% NPO 50V cer smd	510-3615-390
C 577	.1 µF ±10% X7R 50V cer smd	510-3606-104
C 579	10 µF 25V tantalum smd	510-2627-100
C 580	1 µF ±10% X7R 16V cer smd	510-3606-105
C 581	.01 µF X7R ±5% 50V cer smd	510-3609-103
C 585	470 µF 16V electrolytic	510-4056-471
C 586	470 µF 16V electrolytic	510-4056-471
C 589	1 µF ±10% X7R 16V cer smd	510-3606-105
C 590	.018 µF ±10% X7R 50V cer smd	510-3605-183
C 591	.018 µF ±10% X7R 50V cer smd	510-3605-183
C 592	39 pF ±5% NPO 50V cer smd	510-3615-390
C 593	.01 µF X7R ±10% 50V cer smd	510-3605-103
C 594	470 µF 16V electrolytic	510-4056-471
C 595	39 pF ±5% NPO 50V cer smd	510-3601-390
C 596	39 pF ±5% NPO 50V cer smd	510-3601-390
C 597	39 pF ±5% NPO 50V cer smd	510-3601-390
C 598	5.1 pF ±5% NPO 50V cer smd	510-3601-519

Ref No.	Description	Part No.
C 599	39 pF ±5% NPO 50V cer smd	510-3601-390
C 601	39 pF ±5% NPO 50V cer smd	510-3601-390
C 602	39 pF ±5% NPO 50V cer smd	510-3601-390
C 604	39 pF ±5% NPO 50V cer smd	510-3601-390
C 605	39 pF ±5% NPO 50V cer smd	510-3601-390
C 606	39 pF ±5% NPO 50V cer smd	510-3601-390
C 607	39 pF ±5% NPO 50V cer smd	510-3601-390
C 608	39 pF ±5% NPO 50V cer smd	510-3601-390
C 609	.018 µF ±10% X7R 50V cer smd	510-3605-183
C 610	39 pF ±5% NPO 50V cer smd	510-3601-390
C 611	39 pF ±5% NPO 50V cer smd	510-3601-390
C 612	39 pF ±5% NPO 50V cer smd	510-3601-390
C 613	39 pF ±5% NPO 50V cer smd	510-3601-390
C 614	39 pF ±5% NPO 50V cer smd	510-3601-390
C 615	39 pF ±5% NPO 50V cer smd	510-3601-390
C 616	39 pF ±5% NPO 50V cer smd	510-3601-390
C 617	39 pF ±5% NPO 50V cer smd	510-3601-390
C 618	39 pF ±5% NPO 50V cer smd	510-3601-390
C 619	39 pF ±5% NPO 50V cer smd	510-3601-390
C 620	39 pF ±5% NPO 50V cer smd	510-3601-390
C 621	39 pF ±5% NPO 50V cer smd	510-3601-390
C 622	39 pF ±5% NPO 50V cer smd	510-3601-390
C 623	1 µF ±10% X7R 16V cer smd	510-3606-105
C 624	39 pF ±5% NPO 50V cer smd	510-3601-390
C 625	3.9 pF ±10% 50V hi Q smd	510-3653-399
C 626	3.9 pF ±10% 50V hi Q smd	510-3653-399
C 627	2.7 pF ±5% NPO 50V cer smd	510-3615-279
CR 501	Pin diode	523-1504-032
CR 502	Pin diode	523-1504-032
CR 503	Pin switching diode	523-1504-001
CR 504	Switching diode SOT-23	523-1504-002
CR 505	Switching diode SOT-23	523-1504-002
CR 507	Switching diode SOT-23	523-1504-002
CR 508	10V zener diode SOT-23	523-2016-100
CR 509	HC diode SOT-23	523-1504-016
CR 510	Transient suppressor, axial	523-2906-001
CR 516	Pin diode	523-1504-032
CR 517	Hc diode SOT-23	523-1504-016
CR 518	Pin diode	523-1504-032
CR 519	Pin diode	523-1504-032
CR 520	3.3V zener SOT-23	523-2016-339
CR 521	HC diode SOT-23	523-1504-016
CR 522	Switching diode SOT-23	523-1504-002

800 MHz 35W PA Board Assembly (Cont'd)

Ref No.	Description	Part No.
EP 501	Ferrite bead smd	517-2503-010
EP 502	Ferrite bead smd	517-2503-010
EP 503	Ferrite bead smd	517-2503-010
J 501	Connector, 20-pin	515-7111-230
J 502	Connector, SMT Receptacle	515-7111-470
L 501	8.0nH smd air core	542-0030-003
L 502	8.0nH smd air core	542-0030-003
L 503	12 nH smd	542-9003-127
L 504	15 nH smd	542-9003-157
L 505	15 nH smd	542-9003-157
L 506	9T, 35.5 nH smd	542-0030-009
L 507	8T 22 AWG. 090 ID smd	542-0016-008
L 508	8T 22 AWG. 090 ID smd	542-0016-008
L 509	DC line filter	542-5010-003
L 510	4.7 nH smd inductor	542-9000-476
L 511	12 nH smd	542-9003-127
L 514	15 nH smd	542-9003-157
MP 501	Line choke tie-down bracket	017-9700-006
MP506	Transistor ground clip	017-2225-527
PC 001	PC board, 800 MHz PA	035-5385-500
Q 501	NPN general purpose sw/amp	576-0001-300
Q 502	PNP switching	576-0003-612
Q 503	NPN low noise amp	576-0003-618
Q 504	NPN general purpose SOT-23	576-0003-658
Q 505	NPN general purpose SOT-23	576-0003-658
Q 506	NPN general purpose SOT-23	576-0003-658
Q 507	NPN general purpose SOT-23	576-0003-658
Q 508	PNP low noise amp	576-0003-657
Q 509	NPN 800 MHz 45W amp	576-0004-817
Q 513	PNP pwr Darlington	576-0007-013
Q 515	PNP switching	576-0003-612
Q 516	NPN general purpose SOT-23	576-0003-658
Q 517	NPN general purpose SOT-23	576-0003-658
R 501	220k ohm $\pm 5\%$ 1/8W smd	569-0105-224
R 502	560 ohm $\pm 5\%$ 1/8W smd	569-0105-561
R 503	100 ohm $\pm 5\%$ 3/4W smd	569-0135-101
R 504	100 ohm $\pm 5\%$ 3/4W smd	569-0135-101
R 505	220k ohm $\pm 5\%$ 1/8W smd	569-0105-224
R 506	220k ohm $\pm 5\%$ 1/8W smd	569-0105-224
R 507	68k ohm $\pm 5\%$ 1/8W smd	569-0105-683

Ref No.	Description	Part No.
R 508	4.7k ohm $\pm 5\%$ 1/8W smd	569-0105-472
R 509	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 510	4.7k ohm $\pm 5\%$ 1/8W smd	569-0105-472
R 511	100 ohm $\pm 5\%$ 1/8W smd	569-0105-101
R 512	220 ohm $\pm 5\%$ 1/8W smd	569-0105-221
R 513	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 514	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 515	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 516	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 517	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 518	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 519	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 520	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 521	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 522	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 523	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 524	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 525	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 526	20k ohm $\pm 5\%$ 1/8W smd	569-0105-203
R 527	220k ohm $\pm 5\%$ 1/8W smd	569-0105-224
R 528	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 529	2.2k ohm $\pm 5\%$ 1/8W smd	569-0105-222
R 530	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 531	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 532	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 534	4.3k ohm $\pm 5\%$ 1/8W smd	569-0105-432
R 535	7.5k ohm $\pm 5\%$ 1/8W smd	569-0105-752
R 536	100k ohm $\pm 1\%$ 1/8W smd	569-0101-501
R 537	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 538	330 ohm $\pm 5\%$ 1/8W smd	569-0105-331
R 539	Zero ohm $\pm 5\%$ 1/8W smd	569-0105-001
R 540	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 541	300 ohm $\pm 5\%$.425W smd	569-0116-301
R 542	18 ohm $\pm 5\%$.425W smd	569-0116-180
R 543	300 ohm $\pm 5\%$.425W smd	569-0116-301
R 544	430 ohm $\pm 5\%$ 1/8W smd	569-0115-430
R 545	10 ohm $\pm 5\%$ 1/8W smd	569-0115-100
R 546	430 ohm $\pm 5\%$ 1/8W smd	569-0115-430
R 547	10k ohm $\pm 5\%$ 1/8W smd	569-0115-103
R 548	5.1k ohm $\pm 5\%$ 1/8W smd	569-0115-512
R 549	1k ohm $\pm 5\%$ 1/8W smd	569-0115-102
R 550	.015 ohm $\pm 5\%$ 2W smd	569-2019-157
R 551	200 ohm $\pm 5\%$ 1/8W smd	569-0115-201
R 552	200 ohm $\pm 5\%$ 1/8W smd	569-0115-201
R 553	6.8k ohm $\pm 5\%$ 1/8W smd	569-0115-682

800 MHz 35W PA Board Assembly (Cont'd)

Ref No.	Description	Part No.
R 554	100 ohm $\pm 5\%$ 1/8W smd	569-0105-101
R 555	100 ohm $\pm 5\%$ 1/8W smd	569-0115-101
R 556	100k ohm $\pm 5\%$ 1/8W smd	569-0105-104
R 557	220k ohm $\pm 5\%$ 1/8W smd	569-0105-224
R 558	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 559	510 ohm $\pm 5\%$ 1/8W smd	569-0105-511
R 560	510 ohm $\pm 5\%$ 1/8W smd	569-0105-511
R 561	560 ohm $\pm 5\%$ 1/8W smd	569-0105-561
R 562	100k ohm $\pm 5\%$ 1/8W smd	569-0105-104
R 563	100 ohm $\pm 5\%$ 1/8W smd	569-0105-101
R 564	1.2k ohm $\pm 5\%$ 1/8W smd	569-0115-122
R 565	1.2k ohm $\pm 5\%$ 1/8W smd	569-0115-122
R 569	91k ohm $\pm 5\%$ 1/8W smd	569-0105-913
R 570	220k ohm $\pm 5\%$ 1/8W smd	569-0105-224
R 571	75k ohm $\pm 5\%$ 1/8W smd	569-0105-753
R 572	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 573	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 574	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 575	1.8k ohm $\pm 5\%$ 1/8W smd	569-0105-182
R 576	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 577	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 578	1.8k ohm $\pm 5\%$ 1/8W smd	569-0105-182
R 579	120 ohm $\pm 5\%$ 1/8W smd	569-0105-121
R 580	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 581	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
R 582	680 ohm $\pm 5\%$ 1/8W smd	569-0105-681
R 583	51 ohm $\pm 5\%$ 1/8W smd	569-0115-510
R 584	3.9k ohm $\pm 5\%$ 1/8W smd	569-0105-392
R 585	51 ohm $\pm 5\%$ 1/8W smd	569-0115-510
R 586	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
R 587	110 ohm $\pm 5\%$ 1/8W smd	569-0105-111
R 588	51 ohm $\pm 5\%$ 1/8W smd	569-0105-510
R 589	110 ohm $\pm 5\%$ 1/8W smd	569-0105-111
R 590	100 ohm $\pm 5\%$ 1/8W smd	569-0105-101
R 591	100k ohm $\pm 5\%$ 1/8W smd	569-0105-104
R 592	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 593	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 595	510 ohm $\pm 5\%$ 1/8W smd	569-0105-511
R 596	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 597	3.9k ohm $\pm 5\%$ 1/8W smd	569-0105-392
R 598	1.2k ohm $\pm 5\%$ 1/8W smd	569-0115-122
R 599	5.1k ohm $\pm 5\%$ 1/8W smd	569-0105-512
R 601	Zero ohm jumper	569-0105-001
R 602	10 ohm $\pm 5\%$ 1W smd	569-0175-100
R 603	10 ohm $\pm 5\%$ 1W smd	569-0175-100

Logic Board Assembly

Ref No.	Description	Part No.
R 604	330 ohm $\pm 5\%$ 1W smd	569-0175-331
R 605	2k ohm $\pm 5\%$ 1W smd	569-0175-202
U 501	Shift register, 8-bit MC14094	544-3016-094
U 502	Op amp, low pwr quad LM2902	544-2020-011
U 503	RF switch, DC-2 GHz AS139-73	544-9015-100
U 504	20W 870 MHz power module	544-4001-127
U 505	Current sense amp MAX472ESA	544-2039-002
U 506	Regulator, 8V 3A MC78T08CT	544-2003-095
Z 501	Filter, 860 MHz 20 MHz 3-pole	532-2007-011

LOGIC BOARD ASSEMBLY

Part No. 023-5300-411

C 000	.22 farad 5.5V dbl-layer electric	510-9510-055
C 001	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 002	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 003	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 004	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 005	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 006	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 007	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 008	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 009	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 010	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 011	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 012	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 013	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 014	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 015	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 016	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 017	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 018	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 019	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 020	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 021	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 022	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 023	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 024	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 025	15 pF ± 1 pF NPO 25V cer smd	510-3674-150
C 026	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 027	15 pF ± 1 pF NPO 25V cer smd	510-3674-150
C 032	.22 μ F $\pm 10\%$ Z5U 25V cer smd	510-3686-224
C 033	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104

Logic Board Assembly (Cont'd)

Ref No.	Description	Part No.
C 034	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 035	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 036	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 037	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 038	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 039	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 040	330 pF $\pm$ 10% X7R 25V cer smd	510-3675-331
C 041	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 042	.01 μ F X7R $\pm$ 10% 25V cer smd	510-3675-103
C 043	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 044	1 μ F +80-20% Z5U 25V cer smd	510-3631-105
C 045	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 046	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 047	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 048	10 pF $\pm$ 1 pF NPO 25V cer smd	510-3673-100
C 049	10 pF $\pm$ 1 pF NPO 25V cer smd	510-3673-100
C 050	68 μ F $\pm$ 10% 16V tantalum	510-2625-680
C 051	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 052	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 053	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 054	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 055	68 μ F $\pm$ 10% 16V tantalum	510-2625-680
C 056	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 057	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 058	100 μ F 10V tantalum smd	510-2624-101
C 059	4.7 μ F 10V tantalum smd	510-2624-479
C 060	4.7 μ F 10V tantalum smd	510-2624-479
C 061	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 062	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 063	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 064	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 065	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 066	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 067	3900 pF $\pm$ 10% X7R 25V cer smd	510-3675-392
C 068	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 069	470 pF $\pm$ 5% NPO 25V cer smd	510-3674-471
C 070	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 071	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 072	470 pF $\pm$ 5% NPO 25V cer smd	510-3674-471
C 073	1 μ F $\pm$ 20% Z5U 25V cer smd	510-3636-105
C 074	1 μ F $\pm$ 20% Z5U 25V cer smd	510-3636-105
C 075	1 μ F $\pm$ 20% Z5U 25V cer smd	510-3636-105
C 076	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 077	1 μ F $\pm$ 20% Z5U 25V cer smd	510-3636-105
C 078	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221

Ref No.	Description	Part No.
C 079	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 080	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 081	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 082	.1 μ F X7R $\pm$ 10% 16V cer smd	510-3606-104
C 083	470 pF $\pm$ 5% NPO 25V cer smd	510-3674-471
C 084	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 085	1 μ F $\pm$ 20% Z5U 25V cer smd	510-3636-105
C 086	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 087	100 pF $\pm$ 5% NPO 25V cer smd	510-3674-101
C 088	1 μ F $\pm$ 20% Z5U 25V cer smd	510-3636-105
C 089	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 090	4700 pF 10% X7R 25V cer smd	510-3675-472
C 091	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 092	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 093	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 094	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 095	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 096	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 097	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 098	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 099	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 100	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 101	.1 μ F X7R $\pm$ 10% 16V cer smd	510-3606-104
C 102	10 μ F 10V tantalum smd	510-2624-100
C 103	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 104	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 105	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 106	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 107	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 108	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 109	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 110	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 111	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 112	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 113	220 pF $\pm$ 5% NPO 25V cer smd	510-3674-221
C 114	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 115	470 pF $\pm$ 5% NPO 25V cer smd	510-3674-471
C 116	470 pF $\pm$ 5% NPO 25V cer smd	510-3674-471
C 117	470 pF $\pm$ 5% NPO 25V cer smd	510-3674-471
C 118	470 pF $\pm$ 5% NPO 25V cer smd	510-3674-471
C 119	470 pF $\pm$ 5% NPO 25V cer smd	510-3674-471
C 120	470 pF $\pm$ 5% NPO 25V cer smd	510-3674-471
C 121	470 pF $\pm$ 5% NPO 25V cer smd	510-3674-471
C 122	470 pF $\pm$ 5% NPO 25V cer smd	510-3674-471
C 123	470 pF $\pm$ 5% NPO 25V cer smd	510-3674-471

Logic Board Assembly (Cont'd)

Ref No.	Description	Part No.
C 124	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 125	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 126	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 127	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 128	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 129	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 130	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 131	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 132	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 133	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 134	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 135	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 136	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 137	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 138	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 139	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 140	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 141	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 142	10 pF ± 1 pF NPO 25V cer smd	510-3673-100
C 143	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 144	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 145	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 146	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 147	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 148	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 149	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 150	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 151	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 152	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 153	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 154	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 155	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 156	470 pF $\pm 5\%$ NPO 25V cer smd	510-3674-471
C 157	220 pF $\pm 5\%$ NPO 25V cer smd	510-3674-221
C 158	33 pF 10% X7R 25V cer smd	510-3675-330
C 159	33 pF 10% X7R 25V cer smd	510-3675-330
C 160	33 pF 10% X7R 25V cer smd	510-3675-330
C 161	220 pF $\pm 5\%$ NPO 25V cer smd	510-3674-221
C 162	220 pF $\pm 5\%$ NPO 25V cer smd	510-3674-221
C 163	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 164	33 pF 10% X7R 25V cer smd	510-3675-330
C 165	33 pF 10% X7R 25V cer smd	510-3675-330
C 166	33 pF 10% X7R 25V cer smd	510-3675-330
C 167	33 pF 10% X7R 25V cer smd	510-3675-330
C 168	33 pF 10% X7R 25V cer smd	510-3675-330

Ref No.	Description	Part No.
C 169	33 pF 10% X7R 25V cer smd	510-3675-330
C 170	33 pF 10% X7R 25V cer smd	510-3675-330
C 171	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 174	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 175	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 176	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 177	10 μ F 10V tantalum smd	510-2624-100
C 178	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 179	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 180	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 181	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 182	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 183	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 184	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 185	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 186	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 187	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 188	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 189	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 190	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 191	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 192	10 pF ± 1 pF NPO 25V cer smd	510-3673-100
C 193	33 pF 10% X7R 25V cer smd	510-3675-330
C 194	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 195	33 pF 10% X7R 25V cer smd	510-3675-330
C 196	220 pF $\pm 5\%$ NPO 25V cer smd	510-3674-221
C 197	10 pF ± 1 pF NPO 25V cer smd	510-3673-100
C 199	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 200	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 201	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 202	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
C 203	10 pF ± 1 pF NPO 25V cer smd	510-3673-100
C 204	.1 μ F X7R $\pm 10\%$ 16V cer smd	510-3606-104
C 205	10 μ F 10V tantalum smd	510-2624-100
C 207	.1 μ F +80-20% Z5U 25V cer smd	510-3680-104
D 002	5.6V zener	523-2016-569
D 003	Dual switch-com cathode	523-1504-022
D 005	Diode, Schottky rect	523-0519-034
D 006	Dual switch-com cath	523-1504-022
D 007	Dual switch-com cath	523-1504-022
D 008	18V zener	523-2601-180
D 009	Dual switch-com cath	523-1504-022
D 011	5.1V zener	523-2601-519
D 012	Dual switch-com cath	523-1504-022

Logic Board Assembly (Cont'd)

Ref No.	Description	Part No.
F 001	Fuse, 0.5A smd	534-5002-009
J 001	Connector, 16-pin	515-7000-668
J 002	Connector, 25-pin	515-7113-071
J 003	Connector, 25-pin	515-7113-071
J 004	Connector, 25-pin	515-7113-071
J 005	Connector, 13-pin	515-7111-262
J 006	Connector, 13-pin	515-7111-262
J 007	Connector, 5-pin	515-7111-254
J 008	Connector, 12-pin	515-7111-261
J 009	Connector, 2 x 14 pin	515-9500-045
J 010	Connector, 25-pin	515-7113-071
J 011	Connector, 5-pin	515-7111-254
L 002	1.8 μ H 350 ma smd	542-9230-027
L 003	33 μ H 1.2A smd	542-9230-025
L 004	Ferrite bead smd	542-9230-005
L 005	Ferrite inductor	542-9230-021
L 006	Ferrite bead smd	542-9230-005
L 008	Ferrite inductor	542-9230-021
L 009	Ferrite inductor	542-9230-021
L 011	Ferrite inductor	542-9230-021
L 012	Ferrite inductor	542-9230-021
L 014	Ferrite inductor	542-9230-021
L 015	Ferrite inductor	542-9230-021
L 016	Ferrite inductor	542-9230-021
L 017	Ferrite inductor	542-9230-021
L 018	Ferrite inductor	542-9230-021
L 019	Ferrite inductor	542-9230-021
L 020	Ferrite inductor	542-9230-023
L 021	Ferrite inductor	542-9230-023
PC 410	PC board, P25 trunking logic Rev 6	035-1800-410 6
Q 001	NPN general purpose	576-0003-658
Q 002	NPN switching	576-0003-714
Q 003	NPN general purpose	576-0003-658
Q 004	NPN general purpose	576-0003-658
Q 005	NPN general purpose	576-0003-658
Q 006	Transistor	576-0003-725
Q 007	NPN general purpose	576-0003-658
Q 008	NPN general purpose	576-0003-658
Q 009	NPN general purpose	576-0003-658
Q 010	NPN general purpose	576-0003-658

Ref No.	Description	Part No.
Q 011	NPN general purpose	576-0003-658
Q 012	NPN general purpose	576-0003-658
Q 013	NPN general purpose	576-0003-658
Q 014	NPN general purpose	576-0003-658
Q 015	NPN general purpose	576-0003-658
Q 016	NPN general purpose	576-0003-658
Q 017	NPN general purpose	576-0003-658
Q 018	NPN general purpose	576-0003-658
Q 019	NPN general purpose	576-0003-658
Q 020	NPN general purpose	576-0003-658
Q 021	NPN general purpose	576-0003-658
Q 022	NPN general purpose	576-0003-658
Q 023	NPN general purpose	576-0003-658
Q 024	NPN general purpose	576-0003-658
Q 025	NPN general purpose	576-0003-658
Q 026	NPN general purpose	576-0003-658
Q 027	NPN general purpose	576-0003-658
Q 028	NPN general purpose	576-0003-658
Q 029	NPN general purpose	576-0003-658
R 001	4.7k ohm $\pm$ 5% 1/16W smd	569-0155-472
R 002	4.7k ohm $\pm$ 5% 1/16W smd	569-0155-472
R 003	10k ohm $\pm$ 5% 1/16W smd	569-0155-103
R 004	10k ohm $\pm$ 5% 1/16W smd	569-0155-103
R 005	10k ohm $\pm$ 5% 1/16W smd	569-0155-103
R 006	10k ohm $\pm$ 5% 1/16W smd	569-0155-103
R 007	390k ohm $\pm$ 5% 1/16W smd	569-0155-394
R 008	0 ohm jumper	569-0155-001
R 009	4.7k ohm $\pm$ 5% 1/16W smd	569-0155-472
R 011	10k ohm $\pm$ 5% 1/16W smd	569-0155-103
R 012	100 ohm $\pm$ 5% 1/16W smd	569-0155-101
R 013	10k ohm $\pm$ 5% 1/16W smd	569-0155-103
R 014	10k ohm $\pm$ 5% 1/16W smd	569-0155-103
R 015	47k ohm $\pm$ 5% 1/16W smd	569-0155-473
R 016	100 ohm $\pm$ 5% 1/16W smd	569-0155-101
R 017	1k ohm $\pm$ 5% 1/16W smd	569-0155-102
R 018	10k ohm $\pm$ 5% 1/16W smd	569-0155-103
R 019	10k ohm $\pm$ 5% 1/16W smd	569-0155-103
R 020	6.8k ohm $\pm$ 5% 1/16W smd	569-0155-682
R 021	1.0M ohm $\pm$ 5% 1/16W smd	569-0155-105
R 024	1k ohm $\pm$ 5% 1/16W smd	569-0155-102
R 025	10k ohm $\pm$ 5% 1/16W smd	569-0155-103
R 026	47k ohm $\pm$ 5% 1/16W smd	569-0155-473
R 027	510k ohm $\pm$ 5% 1/16W smd	569-0155-514
R 028	10k ohm $\pm$ 5% 1/16W smd	569-0155-103

Logic Board Assembly (Cont'd)

Ref No.	Description	Part No.
R 029	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 030	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 031	10 ohm $\pm 5\%$ 1/16W smd	569-0155-100
R 032	10 ohm $\pm 5\%$ 1/16W smd	569-0155-100
R 033	0 ohm jumper	569-0155-001
R 034	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 035	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 036	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 037	1k ohm $\pm 5\%$ 1/16W smd	569-0155-102
R 038	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 039	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 040	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 041	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 042	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 043	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 044	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 045	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 046	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 047	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 048	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 049	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 050	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 051	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 052	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 053	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 054	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 055	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 056	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 057	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 058	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 059	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 060	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 061	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 062	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 063	22k ohm $\pm 5\%$ 1/16W smd	569-0155-223
R 064	1k ohm $\pm 5\%$ 1/16W smd	569-0155-102
R 065	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 066	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 067	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 068	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 069	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 070	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 071	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 072	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 073	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103

Ref No.	Description	Part No.
R 075	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 077	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 078	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 079	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 080	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 081	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 082	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 083	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 084	220k ohm $\pm 5\%$ 1/16W smd	569-0155-224
R 085	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 086	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 087	0 ohm jumper	569-0155-001
R 088	220k ohm $\pm 5\%$ 1/16W smd	569-0155-224
R 089	330 ohm $\pm 5\%$ 1/16W smd	569-0155-331
R 090	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 091	220k ohm $\pm 5\%$ 1/16W smd	569-0155-224
R 092	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 093	220k ohm $\pm 5\%$ 1/16W smd	569-0155-224
R 094	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 095	330 ohm $\pm 5\%$ 1/16W smd	569-0155-331
R 096	6.8k ohm $\pm 5\%$ 1/16W smd	569-0155-682
R 097	6.8k ohm $\pm 5\%$ 1/16W smd	569-0155-682
R 098	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 099	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 100	6.8k ohm $\pm 5\%$ 1/16W smd	569-0155-682
R 101	390k ohm $\pm 5\%$ 1/16W smd	569-0155-394
R 102	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 103	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 104	6.8k ohm $\pm 5\%$ 1/16W smd	569-0155-682
R 105	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 106	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 107	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 108	6.8k ohm $\pm 5\%$ 1/8W smd	569-0105-682
R 109	6.8k ohm $\pm 5\%$ 1/16W smd	569-0155-682
R 110	150 ohm $\pm 5\%$ 1/16W smd	569-0155-151
R 111	150 ohm $\pm 5\%$ 1/16W smd	569-0155-151
R 112	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 113	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 114	10 ohm $\pm 5\%$ 1/16W smd	569-0155-100
R 115	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 116	100 ohm $\pm 5\%$ 1/16W smd	569-0155-101
R 117	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 118	180k ohm $\pm 5\%$ 1/16W smd	569-0155-184
R 119	68k ohm $\pm 5\%$ 1/16W smd	569-0155-683
R 120	2.2M ohm $\pm 5\%$ 1/16W smd	569-0155-225

Logic Board Assembly (Cont'd)

Ref No.	Description	Part No.
R 121	6.8k ohm $\pm 5\%$ 1/16W smd	569-0155-682
R 122	56k ohm $\pm 5\%$ 1/16W smd	569-0155-563
R 123	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 124	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 125	6.8k ohm $\pm 5\%$ 1/16W smd	569-0155-682
R 126	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 127	68k ohm $\pm 5\%$ 1/16W smd	569-0155-683
R 128	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 129	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 131	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 132	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 133	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 134	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 135	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 136	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 137	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 138	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 139	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 140	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 141	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 142	100 ohm $\pm 5\%$ 1/16W smd	569-0155-101
R 143	10 ohm $\pm 5\%$ 1/16W smd	569-0155-100
R 144	10 ohm $\pm 5\%$ 1/16W smd	569-0155-100
R 146	4.7k ohm $\pm 5\%$ 1/16W smd	569-0155-472
R 147	1k ohm $\pm 5\%$ 1/16W smd	569-0155-102
R 148	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 149	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 150	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 151	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 152	330 ohm $\pm 5\%$ 1/16W smd	569-0155-331
R 153	330 ohm $\pm 5\%$ 1/16W smd	569-0155-331
R 154	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 155	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 156	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 157	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 158	100 ohm $\pm 5\%$ 1/16W smd	569-0155-101
R 161	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 162	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 163	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 164	33.2k ohm $\pm 1\%$ 0.1W smd	569-0151-451
R 165	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 166	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 167	4.7k ohm $\pm 5\%$ 1/16W smd	569-0155-472
R 168	0 ohm jumper	569-0155-001
R 170	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103

Ref No.	Description	Part No.
R 171	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 172	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 173	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 174	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 175	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 176	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 177	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 178	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 179	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 180	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 181	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 182	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 183	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 184	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 185	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 186	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 187	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 188	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 189	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 190	1k ohm $\pm 5\%$ 1/16W smd	569-0155-102
R 191	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 192	1k ohm $\pm 5\%$ 1/16W smd	569-0155-102
R 194	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 195	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 196	4.7k ohm $\pm 5\%$ 1/16W smd	569-0155-472
R 197	270k ohm $\pm 5\%$ 1/16W smd	569-0155-274
R 198	4.7k ohm $\pm 5\%$ 1/16W smd	569-0155-472
R 199	0 ohm jumper	569-0155-001
R 200	0 ohm jumper	569-0155-001
R 201	0 ohm jumper	569-0155-001
R 202	0 ohm jumper	569-0155-001
R 203	0 ohm jumper	569-0155-001
R 204	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 205	0 ohm jumper	569-0155-001
R 206	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 207	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 208	1.0M ohm $\pm 5\%$ 1/16W smd	569-0155-105
R 209	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 210	0 ohm jumper	569-0155-001
R 213	0 ohm jumper	569-0155-001
R 216	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 217	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 218	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 219	0 ohm jumper	569-0155-001
R 220	0 ohm jumper	569-0155-001

Logic Board Assembly (Cont'd)

Ref No.	Description	Part No.
R 221	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 222	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 223	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 224	6.8k ohm $\pm 5\%$ 1/16W smd	569-0155-682
R 226	0 ohm jumper	569-0155-001
R 227	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 228	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 250	0 ohm jumper	569-0155-001
S 001	Switch detector mom NO	583-9512-002
U 001	Programmable logic	023-9998-492
U 002	Flash 5V 4M 256K x 16 AT49F4096A-90TI	544-5001-356
U 003	Regulator, lo-drop TPS7333QD	544-1020-009
U 004	NAND, 2 input TC7SH00FU	544-1010-012
U 005	DSP RAM 64 x 16 CY7C1021B-15ZI	544-5003-360
U 006	Microcontroller, ARM AT91F40816-4CI	544-5001-363
U 007	RS232 driver LTC1338IG	544-1015-706
U 008	SRAM 256 x 16 CY62146V7UZI	544-5001-127
U 009	D- flip flop HC574	544-3766-574
U 010	D- flip flop HC574	544-3766-574
U 011	DC/DC conv 5V MAX744AEWE	544-1010-744
U 012	DSP TMS320C50PGEA	544-1010-018
U 013	Regulator 5V LT1121IST-5	544-1011-121
U 014	RS485 driver SN65176	544-2023-027
U 015	Op-amp quad 324	544-1020-324
U 016	Multiplexer triple 4053	544-1014-053
U 017	Op amp, dual 358	544-1020-385
U 018	Op amp, dual 358	544-1020-385
U 019	Op amp, dual 358	544-1020-385
U 020	UART, dual SCC2692	544-1010-038
U 021	A/D conv 8-bit serial TLC548I	544-1010-548
U 022	Multiplexer triple 4053	544-1014-053
U 023	D- flip flop HC574	544-3766-574
U 024	D- flip flop HC574	544-3766-574
U 025	EEPROM 32k x 8 AT24C256W-10SI	544-1020-256
U 026	Bus xcvr octal SN74LVCC3245	544-1010-248
U 027	Bus xcvr octal SN74LVCC3245	544-1010-248
U 028	Bus xcvr octal SN74LVCC3245	544-1010-248
U 030	ADSIC	544-9100-002
U 031	Bus xcvr octal SN74LVCC3245	544-1010-248
U 032	Multiplexer triple 4053	544-1014-053

Front Panel Assembly

Ref No.	Description	Part No.
U 033	Op amp, dual 358	544-1020-385
Y 001	Crystal 20.0000 MHz	521-3060-037
Y 002	Crystal 3.6864 MHz smd	521-3060-053
Y 003	Crystal osc, prog 35.0208 MHz SG-8002JC	521-9001-350
FRONT PANEL ASSEMBLY Part No. 023-5300-710		
A 151	Plastic front panel assembly	587-9650-002
A 815	Display controller board (see separate listings)	
C 750	4.7 μ F 10V tantalum smd	510-2624-479
C 754	1.0 μ F 35V tantalum smd	510-2628-109
C 755	4.7 μ F 10V tantalum smd	510-2624-479
DS 700	Dual color, red/grn LED	549-4001-215
DS 701- DS706	LED, green smd	549-4001-145
DS 707- DS726	LED, green smd	549-4003-011
DS 727	LCD assembly	549-4501-010
EP 101	Key cap kit (see Section 2.7)	587-5300-001
HW 010	Washer, .438 x .274 x .030	596-9410-010
HW 011	Nut, spanner 3/8 x 7mm	013-1313-018
HW 012	Screw, 2-56 x 1/4"	575-1602-008
HW 013	Lockwasher, internal No. 2	596-2102-006
J 700	Connector, 16-pin	515-7000-668
J 701	Connector, micro-miniature	515-7113-073
J 702	Connector, 9-pin ZIF flex	515-7111-321
J 703	Connector, 13-pin circular recept	515-1009-025
J 705	Connector, 31-pin	515-7109-129
LS 001	Speaker, 2 x 3 in 16-ohm	589-1015-006
MP 101	Display bezel	017-2226-046
MP 102	Display gasket	018-1136-120
MP 103	Light pipe	032-0792-032
MP 108	Support-keypad	017-2226-090
MP 151	Gasket, front lens	018-1136-130
MP 152	Control knob	032-0792-010
MP 153	Control knob	032-0792-010

Front Panel Assembly (Cont'd)

Ref No.	Description	Part No.
MP 154	Speaker membrane	018-1136-138
MP 155	Spacer, display board	018-1136-140
MP 158	Front panel lens	032-0792-034
MP 160	Spacer (between boards)	013-1188-053
MP 161	Keypad, standard	032-0792-031
MP 162	Speaker retainer	016-2187-250
MP 163	Speaker gasket, silicone	018-1136-128
MP 990	Gasket, microphone jack silicone	018-1136-132
NP 001	Johnson label raised	559-9001-310
PC 010	Flex circuit	035-5300-010
PC 815	PC board, display	035-5300-815
Q 710	PNP general purpose	576-0003-650
Q 711	NPN general purpose	576-0003-658
Q 712	NPN general purpose	576-0003-658
R 800	180k ohm $\pm 5\%$ 1/8W smd	569-0105-184
R 801	100k ohm $\pm 5\%$ 1/8W smd	569-0105-104
R 802	100k ohm $\pm 5\%$ 1/8W smd	569-0105-104
R 803	62 ohm $\pm 5\%$ 2010 .75W smd	569-0135-620
R 804	62 ohm $\pm 5\%$ 2010 .75W smd	569-0135-620
R 805	62 ohm $\pm 5\%$ 2010 .75W smd	569-0135-620
R 806	62 ohm $\pm 5\%$ 2010 .75W smd	569-0135-620
R 807	510 ohm $\pm 5\%$ 1/8W smd	569-0105-511
R 808	62 ohm $\pm 5\%$ 2010 .75W smd	569-0135-620
R 809	62 ohm $\pm 5\%$ 2010 .75W smd	569-0135-620
R 810	510 ohm $\pm 5\%$ 1/8W smd	569-0105-511
R 811	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 812	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
S 001	DIP switch, 10-position	583-5100-210
S 154	On-off/Vol push on w/50k pot	562-0018-075
S 155	Switch rotary and push	583-2042-001
U 710	LCD driver, PCF8576TD	544-2027-010
U 711	LCD driver, PCF8576TD	544-2027-010
U 712	Regulator, 8V 0.5A 78M08	544-2003-081
W 103	Cable assy, display - logic bd	023-5300-025
DISPLAY CONTROLLER BOARD (REVISED)		
C 001	4.7 μ F 20V tantalum smd	510-2626-479
C 002	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104

Display Controller Board (Revised)

Ref No.	Description	Part No.
C 003	10 μ F 25V tantalum smd	510-2627-100
C 004	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 005	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 006	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 007	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 009	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 010	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 011	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 012	4.7 μ F 20V tantalum smd	510-2626-479
C 013	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 016	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 017	4.7 μ F 20V tantalum smd	510-2626-479
C 018	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 020	.01 μ F $\pm 10\%$ X7R cer smd	510-3675-103
C 021	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 022	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 023	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 024	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 029	1.0 μ F 10V tantalum smd	510-2624-109
C 030	10 μ F 25V tantalum smd	510-2627-100
C 031	4.7 μ F 20V tantalum smd	510-2626-479
C 032	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 126	.01 μ F $\pm 10\%$ X7R cer smd	510-3675-103
C 127	1.0 μ F 10V tantalum smd	510-2624-109
C 128	1.0 μ F 10V tantalum smd	510-2624-109
C 129	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3675-104
C 130	.047 μ F $\pm 10\%$ X7R cer smd	510-3605-473
CR 001	5.6V zener SOT-23	523-2016-569
CR 002	5.6V zener SOT-23	523-2016-569
CR 003	5.6V zener SOT-23	523-2016-569
CR 004	5.6V zener SOT-23	523-2016-569
CR 005	5.6V zener SOT-23	523-2016-569
CR 006	5.6V zener SOT-23	523-2016-569
CR 007	5.6V zener SOT-23	523-2016-569
CR 008	5.6V zener SOT-23	523-2016-569
CR 009	5.6V zener SOT-23	523-2016-569
CR 010	5.6V zener SOT-23	523-2016-569
CR 011	5.6V zener SOT-23	523-2016-569
CR 012	PIN switching diode	523-1504-001
CR 013	5.6V zener SOT-23	523-2016-569
CR 014	PIN switching diode	523-1504-001
DS 727	LCD assembly	549-4501-010

Display Controller Board (Revised)

Ref No.	Description	Part No.
F 001	Fuse 2.0 A smd	534-5001-009
PC 001	PC board, display controller rev. 3	035-5300-810 3
PC 010	Flex circuit	035-5300-010
Q 002	NPN general purpose	576-0003-658
Q 004	NPN digital w/resistors	576-0003-616
Q 005	NPN digital w/resistors	576-0003-616
Q 006	NPN digital w/resistors	576-0003-616
R 002	330k ohm $\pm 5\%$ 1/16W smd	569-0155-334
R 003	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 005	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 006	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 007	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 008	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 009	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 010	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 011	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 012	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 013	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 014	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 015	200k ohm $\pm 5\%$ 1/16W smd	569-0155-204
R 016	200k ohm $\pm 5\%$ 1/16W smd	569-0155-204
R 017	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 018	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 019	300 ohm $\pm 5\%$ 1/8W smd	569-0105-301
R 020	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 021	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 022	300 ohm $\pm 5\%$ 1/8W smd	569-0105-301
R 023	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 024	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 025	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 026	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 027	51 ohm $\pm 5\%$ 1/8W smd	569-0105-510
R 028	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 029	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 030	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 031	300ohm $\pm 5\%$ 1/16W smd	569-0155-301
R 032	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 033	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 035	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 036	620 ohm $\pm 5\%$ 1/8W smd	569-0105-621
R 037	620 ohm $\pm 5\%$ 1/8W smd	569-0105-621
R 038	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473

Ref No.	Description	Part No.
R 039	300ohm $\pm 5\%$ 1/16W smd	569-0155-301
R 040	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 041	3.3k ohm $\pm 5\%$ 1/16W smd	569-0155-332
R 042	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 043	4.7k ohm $\pm 5\%$ 1/16W smd	569-0155-472
R 044	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 045	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 046	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 047	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 048	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 049	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 050	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 051	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 052	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 054	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 055	4.7k ohm $\pm 5\%$ 1/16W smd	569-0155-472
R 056	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 057	4.7k ohm $\pm 5\%$ 1/16W smd	569-0155-472
R 058	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 059	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 060	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 061	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 062	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 063	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 064	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 065	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 066	3.3k ohm $\pm 5\%$ 1/16W smd	569-0155-332
R 067	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 068	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 069	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 070	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 071	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 072	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 073	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 074	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 075	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 076	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 077	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 078	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 079	5.1kohm $\pm 5\%$ 1/16W smd	569-0155-512
R 080	300ohm $\pm 5\%$ 1/16W smd	569-0155-301
R 082	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 083	3.3k ohm $\pm 5\%$ 1/16W smd	569-0155-332
R 084	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 085	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104

Display Controller Board (Revised)

Ref No.	Description	Part No.
R 087	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 089	1k ohm $\pm 5\%$ 1/16W smd	569-0155-102
R 090	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 091	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 092	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 093	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 094	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 095	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 096	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 097	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 098	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 099	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 100	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 101	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 102	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 103	1.2M ohm $\pm 5\%$ 1/16W smd	569-0155-125
R 104	200k ohm $\pm 5\%$ 1/16W smd	569-0155-204
R 105	240k ohm $\pm 5\%$ 1/16W smd	569-0155-244
R 107	82k ohm $\pm 5\%$ 1/16W smd	569-0155-823
R 108	160k ohm $\pm 5\%$ 1/16W smd	569-0155-164
R 109	1k ohm $\pm 5\%$ 1/16W smd	569-0155-102
R 110	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 111	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 112	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 113	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 114	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 115	1k ohm $\pm 5\%$ 1/16W smd	569-0155-102
R 116	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
U 002	Op am, quad MC3303	544-2020-008
U 003	RS-485 driver SN65176	544-2023-027
U 009	Microcontroller MC68HC908	023-9998-494
U 012	5V regulator, 300 mA ADP3367	544-2032-009
U 045	3-state noninv amp TC74VHC125	544-3991-125
U 047	5V regulator, 300 mA ADP3367	544-2032-009
U 054	Schmitt trigger, hex 74HC14	544-3991-014
U 055	Flip-flop, dual 74HC74	544-3991-074
U 056	Buffer, open drain hex MM74C906	544-3716-906
Y 002	4.9152 MHz crystal	521-3060-024
DISPLAY CONTROLLER BOARD (UNREV.)		
C 701	4.7 μ F 20V tantalum smd	510-2626-479
C 702	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104

Display Controller Board (Unrevised)

Ref No.	Description	Part No.
C 703	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 704	4.7 μ F 20V tantalum smd	510-2626-479
C 705	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 706	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 707	4.7 μ F 20V tantalum smd	510-2626-479
C 708	20 pF $\pm 5\%$ NPO cer smd	510-3601-200
C 709	20 pF $\pm 5\%$ NPO cer smd	510-3601-200
C 710	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 711	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 712	.047 μ F $\pm 10\%$ X7R 50V cer smd	510-3605-473
C 713	4.7 μ F 6.3V tantalum smd	510-2623-479
C 714	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 715	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 716	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 717	.1 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-104
C 751	.01 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-103
C 752	.01 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-103
C 753	.01 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-103
C 756	.01 μ F $\pm 10\%$ X7R 50V cer smd	510-3606-103
CR 701	HC diode SOT-23	523-1504-016
F 700	Fuse, 2.0 A smd	534-5001-009
J 101	Connector, 2-pin	515-9031-281
J 102	Connector, elastomeric	515-9900-002
PC 710	PC board, display/controller	035-5300-710
Q 701	NPN general purpose	576-0003-658
Q 702	NPN general purpose	576-0003-658
R 701	620 ohm $\pm 5\%$ 1/8W smd	569-0105-621
R 702	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 703	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 704	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 705	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 706	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 707	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 708	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 709	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 710	620 ohm $\pm 5\%$ 1/8W smd	569-0105-621
R 711	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 712	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 713	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 714	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 715	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 716	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 717	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473

Display Controller Board (Unrevised)

Ref No.	Description	Part No.
R 718	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 720	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 721	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 722	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 723	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 724	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 725	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 726	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 727	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 728	1M ohm $\pm 5\%$ 1/8W smd	569-0105-105
R 729	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 730	4.7k ohm $\pm 5\%$ 1/8W smd	569-0105-472
R 731	3.3k ohm $\pm 5\%$ 1/8W smd	569-0105-332
R 732	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 733	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 734	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 735	4.7k ohm $\pm 5\%$ 1/8W smd	569-0105-472
R 736	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 737	4.7k ohm $\pm 5\%$ 1/8W smd	569-0105-472
R 738	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 739	3.3k ohm $\pm 5\%$ 1/8W smd	569-0105-332
R 740	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 741	300 ohm $\pm 5\%$ 1/8W smd	569-0105-301
R 742	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 743	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 744	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 745	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 746	3.3k ohm $\pm 5\%$ 1/8W smd	569-0105-332
R 747	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 748	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 749	470 ohm $\pm 5\%$ 1/8W smdl	569-0105-471
R 750	470 ohm $\pm 5\%$ 1/8W smdl	569-0105-471
R 751	470 ohm $\pm 5\%$ 1/8W smdl	569-0105-471
R 752	Zero ohm jumper	569-0105-001
R 753	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 754	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 755	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 756	Zero ohm jumper	569-0105-001
R 757	100k ohm $\pm 5\%$ 1/8W smd	569-0105-104
R 758	Zero ohm jumper	569-0105-001
R 762	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 763	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 764	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 765	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 766	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473

Remote Control Unit Unique Parts

Ref No.	Description	Part No.
R 767	300 ohm $\pm 5\%$ 1/8W smd	569-0105-301
R 768	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 769	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 770	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 771	100k ohm $\pm 5\%$ 1/8W smd	569-0105-104
R 772	200k ohm $\pm 5\%$ 1/8W smd	569-0105-204
R 774	300 ohm $\pm 5\%$ 1/8W smd	569-0105-301
R 775	200k ohm $\pm 5\%$ 1/8W smd	569-0105-204
R 776	51 ohm $\pm 5\%$ 1/8W smd	569-0105-510
R 777	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 778	100k ohm $\pm 5\%$ 1/8W smd	569-0105-104
R 779	100k ohm $\pm 5\%$ 1/8W smd	569-0105-104
R 780	300 ohm $\pm 5\%$ 1/8W smd	569-0105-301
R 781	300 ohm $\pm 5\%$ 1/8W smd	569-0105-301
R 813	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 814	47k ohm $\pm 5\%$ 1/8W smd	569-0105-473
R 815	1.0k ohm $\pm 5\%$ 1/8W smd	569-0105-102
U 700	Op amp, quad MC3303	544-2020-008
U 701	RS-485 driver SN65176	544-2023-027
U 702	Regulator, 5V LP2951	544-2003-067
U 703	Microprocessor, MC	023-9998-450
U 704	Buffer, open drain MM74C906	544-3716-906
Y 700	3.6864 MHz crystal fundamental	521-0003-685
REMOTE CONTROL UNIT UNIQUE PARTS		
A 001	Remote audio amp bd assembly (see separate listing which follows)	023-5300-750
A 002	Front panel assembly (see preceding listing)	023-5300-710
HW 001	Washer, poly 0.937 diameter	596-6400-015
HW 002	Washer, SS spring 3/4" OD	596-9260-001
HW 003	Screw, captive pan head .75"	575-9606-018
MP 001	Knob, remote control unit	032-0792-015
MP 002	Mounting bracket, rem ctrl unit	017-2226-050
MP 003	Gasket	032-0792-066
MP 005	Housing, remote control unit	032-0792-130
MP 006	Rear cover, remote control unit	032-0792-135
NP 002	Johnson label	559-9001-310
W 003	Control cable, 17-ft	597-2002-262
	Control cable, 50-ft	597-2002-263
W 104	Control unit pigtail cable	597-2002-264

Std. DC Power Cable Assembly

Ref No.	Description	Part No.
AUDIO AMP BOARD Part No. 023-5300-750		
C 001	0.1 μ F X7R $\pm 10\%$ 50V cer smd	510-3606-104
C 002	0.1 μ F X7R $\pm 10\%$ 50V cer smd	510-3606-104
C 003	1.0 μ F 35V tantalum smd	510-2628-109
C 004	15 μ F 20V tantalum smd	510-2626-150
C 005	15 μ F 20V tantalum smd	510-2626-150
C 006	15 μ F 20V tantalum smd	510-2626-150
C 007	22 pF NPO $\pm 5\%$ 50V cer smd	510-3601-220
C 008	0.1 μ F X7R $\pm 10\%$ 50V cer smd	510-3606-104
CR 001	3.3V zener	523-2016-339
J 001	Header, 2-pin friction lock	515-9031-201
PC 001	PC board, audio amp	035-5300-750
Q 001	NPN general purpose smd	576-0003-616
R 001	470 ohm $\pm 5\%$ 1/8W smd	569-0105-471
R 002	33k ohm $\pm 5\%$ 1/8W smd	569-0105-333
R 003	180k ohm $\pm 5\%$ 1/8W smd	569-0105-184
R 005	4.7k ohm $\pm 5\%$ 1/8W smd	569-0105-472
R 006	7.5k ohm $\pm 5\%$ 1/8W smd	569-0105-752
R 007	33k ohm $\pm 5\%$ 1/8W smd	569-0105-333
R 008	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
U 001	Audio amp, 3W TDA7056A	544-2006-025
U 002	Voltage regulator, adj TK11900	544-2603-093
Std. DC Power Cable Assembly Part No. 023-9750-010		
A 001	Fused DC power cable (see separate listing)	023-9650-008
A 002	Mic clip ground wire	023-7171-911
EP 002	Ring terminal, 3/4" 10-12 AWG	586-0001-036
EP 003	Ring terminal, 3/8" 10-12 AWG	586-0001-019
F 101	Fuse, 15 amp 32V	534-0003-038
HW 000	Key extraction tool	017-2226-000
HW 001	Butt splice insulated (2)	586-9008-061
HW 002	Screw, 4-40 x 3/8" pan head (1)	575-0604-012
HW 003	Screw, 4-24 x 1/4" phil (3)	575-3604-008
HW 004	Screw, 4-20 x 5/8" phil (3)	575-5604-020
MP 001	Heavy-duty mic clip	023-3514-001

100W DC Power Cable

Ref No.	Description	Part No.
Fused DC Power Cable Part No. 023-9650-008		
EP 101	Female crimp pin	515-9032-540
FH 001	Fuse holder in-line includes: Contact Body Knob Spring	534-1004-037 534-1004-031 534-1004-032 534-1004-035
HW 101	Wire seal	574-9025-035
ML 001	Negative ground warning tag	559-4014-001
ML 002	Jump start warning label	559-4057-010
P 101	2-pin female power connector	515-9032-535
W 101	Wire, 12 AWG stranded blue	597-7021-206
W 102	Wire, 12 AWG stranded red	597-7021-202
100W DC Power Cable Assembly Part No. 023-5315-100		
A 002	Mic clip ground wire	023-7171-911
A 100	100W DC power cable assembly (see listing which follows)	023-5315-110
EP 001	1/4" ring terminal 14-16 AWG	586-0001-013
HW 011	Screw, 4-40 x .375 pan hd (1)	575-0604-012
HW 012	Screw, 4-24 phil sheet mt (3)	575-3604-010
HW 013	Screw, 4-20 ph phil cps (3)	575-5604-020
HW 014	Screw, 10-24 x 7/16 hex hd (4)	575-8911-014
HW 015	Screw, self-drilling (4)	575-9077-565
HW 016	Washer, flat 10 (4)	596-2410-014
HW 017	Screw, 1/4-20 hex dogpoint (2)	575-9005-018
HW 018	Screw, 1/4 x 5/16" hex hd wshr (4)	575-8708-010
HW 019	Screw, 5/16 x 3/8" hex hd wshr (4)	575-8710-012
HW 020	Screw, self drill #10 zps (4)	575-9077-545
MP 001	Heavy duty mic clip	023-3514-001
100W DC Power Cable Assembly Part No. 023-5315-110		
EP 001	Ring terminal, 1/4" 8 AWG	586-0001-028
EP 002	Ring terminal, 6/8 AWG	586-0001-034
EP 006	Heat shrink tubing, 3/8"	042-0241-556
EP 007	Contact, 60-amp 6/8 AWG	515-9032-563
EP 008	Contact, 60-amp 6/8 AWG	515-9032-563
EP 009	Butt splice, 6/8 AWG	586-9008-063
F 001	Fuse, 35-amp max, bladed	534-0018-035
FH 001	Fuseholder, max in-line	534-1100-001

Accessory Wire Harness Kit

Ref No.	Description	Part No.
MP 001	Housing, 75-amp black	515-9032-557
MP 002	Housing, 75-amp red	515-9032-559
MP 003	Connector boot, power 8 AWG	574-9025-015
W 001	8 AWG black cable (3 ft)	597-7020-800
W 002	8 AWG str cu vin red (2, 18 ft)	597-7020-802

Accessory Wire Harness Kit
Part No. 023-9750-011

EP 001	Fuseholder components: Contact	586-9004-001
F 001	Fuse, 1A 250V FB AGC	534-0003-020
MP001	Fuseholder body	534-1004-031
MP002	Fuseholder knob	534-1004-032
MP003	Fuseholder spring	534-1004-035
HW 001	Pin contact, crimp type	515-1501-055
P 101	8-pin receptacle housing	515-1501-050

Front Mounting Bracket Assembly
Part No. 023-9750-012

HW 001	Self-drilling screw 1/4" (4)	575-9077-565
HW 002	Self-drilling screw #10 (4)	575-9077-545
MP 101	Knob 10-32 1/2"	547-0016-007
MP 201	Transceiver mounting bracket	017-2226-034

Amplified Dynamic Microphone
Part No. 250-0740-310

C 001	3.3 μ F 16V tantalum chip	510-2625-339
C 002	220 pF $\pm$ 5% NPO 50V cer chip	510-3602-221
EP001	Contact .038" diameter	586-9008-100
EP002	Mic cord w/Hirose connector	597-2002-255
EP004	Terminal (on hanger)	022-0069-011
HW001	Screw 4-20 x 3/8	575-5604-012
HW004	Screw 2-56 x 3/8	575-1602-012
MK001	Dynamic mic cartridge	589-1011-003

15 Watt Speaker

Ref No.	Description	Part No.
MP001	Case front black	032-0426-100
MP002	Case back black	032-0427-100
MP003	Actuator black	032-0428-050
MP004	Cartridge gasket	032-0429-075
MP005	Blast filter	018-1033-002
MP006	Switch bracket	017-1885-030
MP007	Hanger button	013-1216-005
MP008	Crimp retainer	017-2222-006
MP009	Rubber bumper	018-0798-009
MP010	Backing plate	015-0876-026
MP011	Strain relief, mic cord	032-0429-086
MP012	Shim support, rubber bumper	017-2222-007
MP020	Foam support	018-0798-012
NP001	Nameplate	559-0039-026
PC001	PC board, amplifier	035-0441-020
Q 001	NPN amplifier SOT-23	576-0003-658
R 001	51k ohm $\pm$ 5% 1/8W chip	569-0115-513
R 002	18 ohm $\pm$ 5% 1/8W chip	569-0115-180
S 001	Leaf switch SPST	583-1004-031

15 Watt, 4.0-ohm Speaker (Black)
Part No. 250-0151-006

HW001	Strain relief (in case back)	574-0003-008
HW002	Screw, self drilling	574-9077-543
HW003	Screw, 4-20 x 1/2 pan head	575-5604-016
HW005	Foam gasket	018-1126-001
HW006	Urethane foam, 1/16" thick	042-0361-318
LS001	Speaker, 5" 15W 4.0 ohm	589-1016-003
MP001	Case front (black)	032-0758-004
MP002	Case back (black)	032-0759-004
MP003	Mounting bracket (black)	032-0760-004
MP004	Tri knob 10-32	547-0016-004
NP001	Overlay, speaker front	559-0072-010
P 001	Crimp wire contact	515-5010-055
W 001	Speaker wire, 22 AWG (6 ft used)	597-2006-002

Handheld Control Unit

Ref No.	Description	Part No.
HANDHELD CONTROL UNIT		
Part No. 250-5300-101		
A 001	Main board assembly	023-5300-705
A 002	Keypad board assembly	023-5300-707
A 130	Junction box assembly (see separate listing)	023-5300-130
C 001	4.7 μ F 20V tantalum smd	510-2626-479
C 002	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 003	10 μ F 25V tantalum smd	510-2627-100
C 005	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 007	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 008	33 pF $\pm$ 5% NPO 25V cer smd	510-3674-330
C 009	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 010	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 011	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 013	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 014	0.01 μ F $\pm$ 10% X7R 25V cer smd	510-3675-103
C 015	0.01 μ F $\pm$ 10% X7R 25V cer smd	510-3675-103
C 016	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 017	4.7 μ F 20V tantalum smd	510-2626-479
C 018	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 019	390 pF $\pm$ 5% NPO 25V cer smd	510-3674-391
C 020	0.01 μ F $\pm$ 10% X7R 25V cer smd	510-3675-103
C 021	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 022	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 023	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 025	180 pF $\pm$ 5% NPO 25V cer smd	510-3674-181
C 029	1.0 μ F 10V tantalum smd	510-2624-109
C 030	10 μ F 25V tantalum smd	510-2627-100
C 031	4.7 μ F 20V tantalum smd	510-2626-479
C 032	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 126	0.01 μ F $\pm$ 10% X7R 25V cer smd	510-3675-103
C 127	1.0 μ F 10V tantalum smd	510-2624-109
C 128	1.0 μ F 10V tantalum smd	510-2624-109
C 129	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 130	4.7 μ F 20V tantalum smd	510-2626-479
C 131	10 μ F 25V tantalum smd	510-2627-100
C 132	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 133	10 μ F 25V tantalum smd	510-2627-100
C 134	10 μ F 25V tantalum smd	510-2627-100
C 135	4.7 μ F tantalum smd	510-2622-479
C 136	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104

Ref No.	Description	Part No.
C 137	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 138	1.0 μ F 35V tantalum smd	510-2628-109
C 139	0.22 F 5.5V electrolytic	510-9510-055
C 140	10 μ F 25V tantalum smd	510-2627-100
C 141	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 142	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 143	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 144	0.047 μ F X7R $\pm$ 10% cer smd	510-3605-473
C 145	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
C 146	0.1 μ F $\pm$ 10% X7R 25V cer smd	510-3675-104
CR 004	5.6V zener	523-2016-569
CR 11		
CR 012	Pin switching diode	523-1504-001
CR 013	5.6V zener	523-2016-569
CR 020	5.6V zener	523-2016-569
CR 021	5.6V zener	523-2016-569
CR 023	5.6V zener	523-2016-569
CR 024	Dual color LED, red/grn	549-4001-215
CR 025	5.6V zener	523-2016-569
CR 29		
CR 030	Dual diodes,com anodes	523-1504-024
CR 031	Dual diodes,com anodes	523-1504-024
CR 033	Dual diodes,com anodes	523-1504-024
CR 034	Dual diodes,com anodes	523-1504-024
DS 001	LCD, glass	549-4501-011
DS 002	Fiberoptics, backing	549-4501-032
DS 024	LED, green	549-4003-011
DS27-35	LED, green	549-4003-011
EP 001	Spade terminal #6	586-0003-034
HW 01a	Screw, 6-32 x 5/16"	575-1606-010
HW 01b	Spacer, keypad board	013-1188-055
HW 01c	Screw, 4-40 x 1/4"	575-1604-008
HW 02a	Screw, 2-56 x 5/8" Torx black	575-8002-020
HW 02b	Washer, split lock #4	596-1304-008
HW 003	Lockwasher, internal #6	596-1106-009
J 003	Connector, 12-pin socket .100	515-5300-001
MK 001	Microphone cartridge	589-0301-003
MP 01a	Mic hanger button	013-1216-007
MP 01b	Display bezel	017-2226-048 3
MP 01c	Mic element isolator	032-0757-834
MP 02a	Back housing	032-0792-056
MP 02b	Backplate, fiber optic backlighting	032-0792-054

Handheld Control Unit (Cont'd)

Ref No.	Description	Part No.
MP 03a	Keypad, rubber	032-0792-059
MP 03b	Elastomeric connector	515-9900-010
MP 004	Fiber sheet 12 x 21	058-0021-002
MP 005	Fiber sheet 12 x 21	058-0021-002
MP 006	Gasket seal assembly	587-0792-048
MP 008	Front housing assembly	587-0792-058
MP 009	Water barrier, microphone	574-5300-001
MP 010	Lens, front housing	032-0792-052
MP 011	Lens gasket, front housing	574-3500-080
MP 012	Lens PSA, front housing	574-3500-082
NP 001	Label, EFJ logo front	559-5000-550
P 001	Connector, 11-pin single row	515-9036-021
P 003	Connector, 12-pin single row	515-5300-003
PC 001	Main PC board, rev 3	035-5300-700 3
PC 001	Keypad board, rev 0	035-5300-707
Q 002	NPN general purpose	576-0003-658
Q 004	NPN digital w/resistors	576-0003-616
Q 005	NPN digital w/resistors	576-0003-616
Q 006	NPN digital w/resistors	576-0003-616
Q 007	NPN general purpose	576-0003-658
Q 008	NPN general purpose	576-0003-658
Q 009	NPN general purpose	576-0003-658
Q 010	PNP general purpose	576-0003-650
Q 012	Power MOSFET 20 volt	576-0006-243
Q 013	Power MOSFET 20 volt	576-0006-243
R 002	330k ohm $\pm 5\%$ 1/16W smd	569-0155-334
R 003	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 005	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 006	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 007	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 008	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 009	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 010	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 011	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 012	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 013	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 015	200k ohm $\pm 5\%$ 1/16W smd	569-0155-204
R 016	200k ohm $\pm 5\%$ 1/16W smd	569-0155-204
R 017	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222

Ref No.	Description	Part No.
R 018	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 019	300 ohm $\pm 5\%$ 1/8W smd	569-0105-301
R 021	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 022	300 ohm $\pm 5\%$ 1/8W smd	569-0105-301
R 028	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 029	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 034	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 040	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 042	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 043	4.7kohm $\pm 5\%$ 1/16W smd	569-0155-472
R 044	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 045	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 046	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 047	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 051	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 052	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 053	33k ohm $\pm 5\%$ 1/16W smd	569-0155-333
R 054	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 055	4.7k ohm $\pm 5\%$ 1/16W smd	569-0155-472
R 056	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 057	4.7k ohm $\pm 5\%$ 1/16W smd	569-0155-472
R 058	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 059	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 060	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 061	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 062	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 063	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 064	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 065	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 066	3.3k ohm $\pm 5\%$ 1/16W smd	569-0155-332
R 067	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 068	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 069	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 070	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 071	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 072	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 073	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 074	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 075	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 076	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 077	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 078	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 079	5.1k ohm $\pm 5\%$ 1/16W smd	569-0155-512
R 080	300 ohm $\pm 5\%$ 1/16W smd	569-0155-301
R 082	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473

Handheld Control Unit (Cont'd)

Ref No.	Description	Part No.
R 083	3.3k ohm $\pm 5\%$ 1/16W smd	569-0155-332
R 084	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 087	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 090	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 093	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 095	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 096	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 097	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 098	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 099	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 100	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 101	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 102	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 103	1.2M ohm $\pm 5\%$ 1/16W smd	569-0155-125
R 104	200k ohm $\pm 5\%$ 1/16W smd	569-0155-204
R 105	240k ohm $\pm 5\%$ 1/16W smd	569-0155-244
R 106	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 107	82k ohm $\pm 5\%$ 1/16W smd	569-0155-823
R 108	160k ohm $\pm 5\%$ 1/16W smd	569-0155-164
R 109	1k ohm $\pm 5\%$ 1/16W smd	569-0155-102
R 110	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 111	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 112	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 113	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 114	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 115	1k ohm $\pm 5\%$ 1/16W smd	569-0155-102
R 116	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 118	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 119	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 120	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 121	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 122	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 123	47k ohm $\pm 5\%$ 1/16W smd	569-0155-473
R 124	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 125	2.2k ohm $\pm 5\%$ 1/16W smd	569-0155-222
R 126	510 ohm $\pm 5\%$ 1/8W smd	569-0115-511
R 127	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 128	510 ohm $\pm 5\%$ 1/8W smd	569-0115-511
R 129	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 130	150 ohm $\pm 5\%$ 3/4W smd	569-0135-151
R 131	150 ohm $\pm 5\%$ 3/4W smd	569-0135-151
R 134	100 ohm $\pm 5\%$ 3/4W smd	569-0135-101
R 135	100 ohm $\pm 5\%$ 3/4W smd	569-0135-101
R 136	100 ohm $\pm 5\%$ 3/4W smd	569-0135-101
R 137	100 ohm $\pm 5\%$ 3/4W smd	569-0135-101

Ref No.	Description	Part No.
R 138	4.7k ohm $\pm 5\%$ 1/16W smd	569-0155-472
R 139	4.7k ohm $\pm 5\%$ 1/16W smd	569-0155-472
R 140	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 141	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 142	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 143	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 144	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 145	180k ohm $\pm 5\%$ 1/16W smd	569-0155-184
R 146	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 147	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 150	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 151	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 152	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 153	1k ohm $\pm 5\%$ 1/8W smd	569-0115-102
R 154	1k ohm $\pm 5\%$ 1/8W smd	569-0115-102
R 155	1k ohm $\pm 5\%$ 1/8W smd	569-0115-102
R 156	1k ohm $\pm 5\%$ 1/8W smd	569-0115-102
S 001	10 Pos DIP switch	583-5100-210
S 022	Light touch switch	583-4020-015
S 027	Light touch switch	583-4020-015
S 029	Light touch switch	583-4020-015
S 030	KT series switch, right angle	583-9228-003
U 002	Op amp, quad MC3303	544-2020-008
U 003	RS-485 bus transceiver SN65176	544-2023-027
U 009	Microcontroller MC68HC908	023-9998-495
U 012	Regulator, 5V 300mA ADP3367	544-2032-009
U 045	Non-inverting buffer, quad TC74VHC125	544-3991-125
U 047	Regulator, 5V 300mA ADP3367	544-2032-009
U 054	Schmitt trigger, hex 74C14	544-3991-014
U 056	Open drain buffer, hex 74C906	544-3716-906
U 057	Regulator, 5V 300mA ADP3367	544-2032-009
U 058	Regulator, 8V 0.5A 78M08	544-2003-081
U 059	Univ LCD driver PCF8576	544-2027-010
U 060	Univ LCD driver PCF8576	544-2027-010
U 061	Voltage reference, 2.5V LM4120	544-2032-008
U 062	D flip-flop TC7W74FU	544-1010-014
U 063	D flip-flop TC7W74FU	544-1010-014
W 001	Coil cord assembly	597-2002-272
W 503	Control cable, 17 ft. junc - xcvr	597-2002-267
Y 002	Crystal, 4.9152 MHz smd	521-3060-024

HHC Junction Box Assembly

Ref No.	Description	Part No.
HHC Junction Box Assembly Part No. 023-5300-130		
C 001	2.2 uF 20V tantalum smd	510-2626-229
C 002	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 003	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 004	2.2 uF 20V tantalum smd	510-2626-229
C 005	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 006	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 008	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 009	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 010	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 011	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 012	1uF X7R ±10% 16V cer smd	510-3606-105
C 013	1uF X7R ±10% 16V cer smd	510-3606-105
C 014	1uF X7R ±10% 16V cer smd	510-3606-105
C 015	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 016	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 018	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 019	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 020	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 021	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 022	1uF X7R ±10% 16V cer smd	510-3606-105
C 023	2.2 uF 35V tantalum smd	510-2628-338
C 024	10 uF 25V tantalum smd	510-2627-100
C 025	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 026	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 027	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 028	1uF X7R ±10% 16V cer smd	510-3606-105
C 029	0.1 uF ±10% X7R 25V cer smd	510-3675-104
C 030	0.1 uF ±10% X7R 25V cer smd	510-3675-104
F 001	Fuse 2.0 A smd	534-5001-009
HW 001	Spacer, 4-40 Hex male/fem	013-1160-103
HW 002	Screw, 4-40 x .25"	575-0604-008
HW 003	Screw, 8-18 hex hd sht mtl	575-3908-016
HW 004	Polarizing key box cnt	515-7109-010
J 001	Connector, 10-pin	515-7104-005
J 002	Connector, 15-pin PC mt female	515-0506-115
J 003	Connector, 15-pin	515-0506-119
J 005	3.6 mm (1/8") jack enclosed	515-2001-011
J 006	3.6 mm (1/8") jack enclosed	515-2001-011
J 007	2.5 mm (3/32") audio jack, stereo	515-2002-040
MP 002	Extrusion	014-0777-023

Ref No.	Description	Part No.
MP 003	Front Panel	017-5300-001
MP 004	Back Panel, revision 2	017-5300-003 2
MP 005	Mounting bracket, junction box	017-5300-005
MP 130	Fiber sheet, 12 x 21	058-0021-002
NP 001	Label, HHC junction box	559-5000-501
PC 001	PC board, junction box rev 2	035-5300-130 2
Q 001	NPN general purpose	576-0003-658
Q 002	NPN general purpose	576-0003-658
R 001	30k ohm ±5% 1/16W smd	569-0155-303
R 002	20k ohm ±5% 1/16W smd	569-0155-203
R 003	220k ohm ±5% 1/16W smd	569-0155-224
R 004	39k ohm ±5% 1/16W smd	569-0155-393
R 005	62k ohm ±5% 1/16W smd	569-0155-623
R 006	62k ohm ±5% 1/16W smd	569-0155-623
R 007	10k ohm ±5% 1/16W smd	569-0155-103
R 008	1k ohm ±5% 1/16W smd	569-0155-102
R 009	2.7k ohm ±5% 1/16W smd	569-0155-272
R 010	8.2k ohm ±5% 1/16W smd	569-0155-822
R 012	20k ohm ±5% 1/16W smd	569-0155-203
R 013	30k ohm ±5% 1/16W smd	569-0155-303
R 014	20k ohm ±5% 1/16W smd	569-0155-203
R 015	20k ohm ±5% 1/16W smd	569-0155-203
R 016	20k ohm ±5% 1/16W smd	569-0155-203
R 017	220k ohm ±5% 1/16W smd	569-0155-224
R 018	20k ohm ±5% 1/16W smd	569-0155-203
R 019	39k ohm ±5% 1/16W smd	569-0155-393
R 020	62k ohm ±5% 1/16W smd	569-0155-623
R 021	20k ohm ±5% 1/16W smd	569-0155-203
R 022	62k ohm ±5% 1/16W smd	569-0155-623
R 023	20k ohm ±5% 1/16W smd	569-0155-203
R 024	20k ohm ±5% 1/16W smd	569-0155-203
R 025	20k ohm ±5% 1/16W smd	569-0155-203
R 026	200k ohm ±5% 1/16W smd	569-0155-204
R 027	20k ohm ±5% 1/16W smd	569-0155-203
R 028	20k ohm ±5% 1/16W smd	569-0155-203
R 029	20k ohm ±5% 1/16W smd	569-0155-203
R 030	20k ohm ±5% 1/16W smd	569-0155-203
R 031	20k ohm ±5% 1/16W smd	569-0155-203
R 032	300 ohm ±5% 1/16W smd	569-0155-301
R 033	300 ohm ±5% 1/16W smd	569-0155-301
R 034	20k ohm ±5% 1/16W smd	569-0155-203
R 035	20k ohm ±5% 1/16W smd	569-0155-203
R 036	20k ohm ±5% 1/16W smd	569-0155-203
R 037	100k ohm ±5% 1/16W smd	569-0155-104
R 038	20k ohm ±5% 1/16W smd	569-0155-203

Siren Controller Kit

Ref No.	Description	Part No.
R 039	20k ohm $\pm 5\%$ 1/16W smd	569-0155-203
R 040	20k ohm $\pm 5\%$ 1/16W smd	569-0155-203
R 041	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 042	20k ohm $\pm 5\%$ 1/16W smd	569-0155-203
R 043	20k ohm $\pm 5\%$ 1/16W smd	569-0155-203
R 044	20k ohm $\pm 5\%$ 1/16W smd	569-0155-203
R 045	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 046	20k ohm $\pm 5\%$ 1/16W smd	569-0155-203
R 047	100k ohm $\pm 5\%$ 1/16W smd	569-0155-104
R 049	150 ohm $\pm 5\%$ 1/16W smd	569-0115-151
R 050	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
R 051	10k ohm $\pm 5\%$ 1/16W smd	569-0155-103
S 001	Relay, photo MOS 1.3A 100V	544-1020-035
S 002	Relay, photo MOS 1.3A 100V	544-1020-035
U 001	Op amp, quad MC3303	544-2020-008
U 003	Op amp, quad MC3303	544-2020-008
U 004	Audio amp, stereo 150 mW TPA122	544-2006-030
U 005	Switch, bilateral MC14066B	544-3016-066
U 006	Op amp, quad MC3303	544-2020-008
U 007	Comparator, dual LM2903	544-2025-009
U 009	Regulator, 5V 0.5A 78M05	544-2003-079
SIREN CONTROLLER KIT Part No. 023-5300-101		
A 001	Siren wire kit (see separate listing)	023-5300-101
A 015	Siren system, w/ctrlr, amp, cable	585-5300-015
Siren Wire Kit Part No. 023-5300-101		
F 001	Fuse, 15A 32V	534-0332-015
FH001	Fuseholder, in-line	534-1100-003
HW001	Ring terminal, 1/4" 12-16 AWG	586-0001-150
HW002	Solder splice terminator .100-.175	586-0007-085
W 001	Wire, zip cord 14 AWG	597-2006-004
W 002	Wire, 14 AWG black stranded	597-7021-400
W 003	Wire, 14 AWG red stranded	597-7021-402
REMOTE PROG. INTERFACE (RPI) Part No. 023-5300-000		
C 003	.1 μ F $\pm 10\%$ X7R 50V smd	510-3606-104
C 004	.1 μ F $\pm 10\%$ X7R 50V smd	510-3606-104
C 005	.1 μ F $\pm 10\%$ X7R 50V smd	510-3606-104

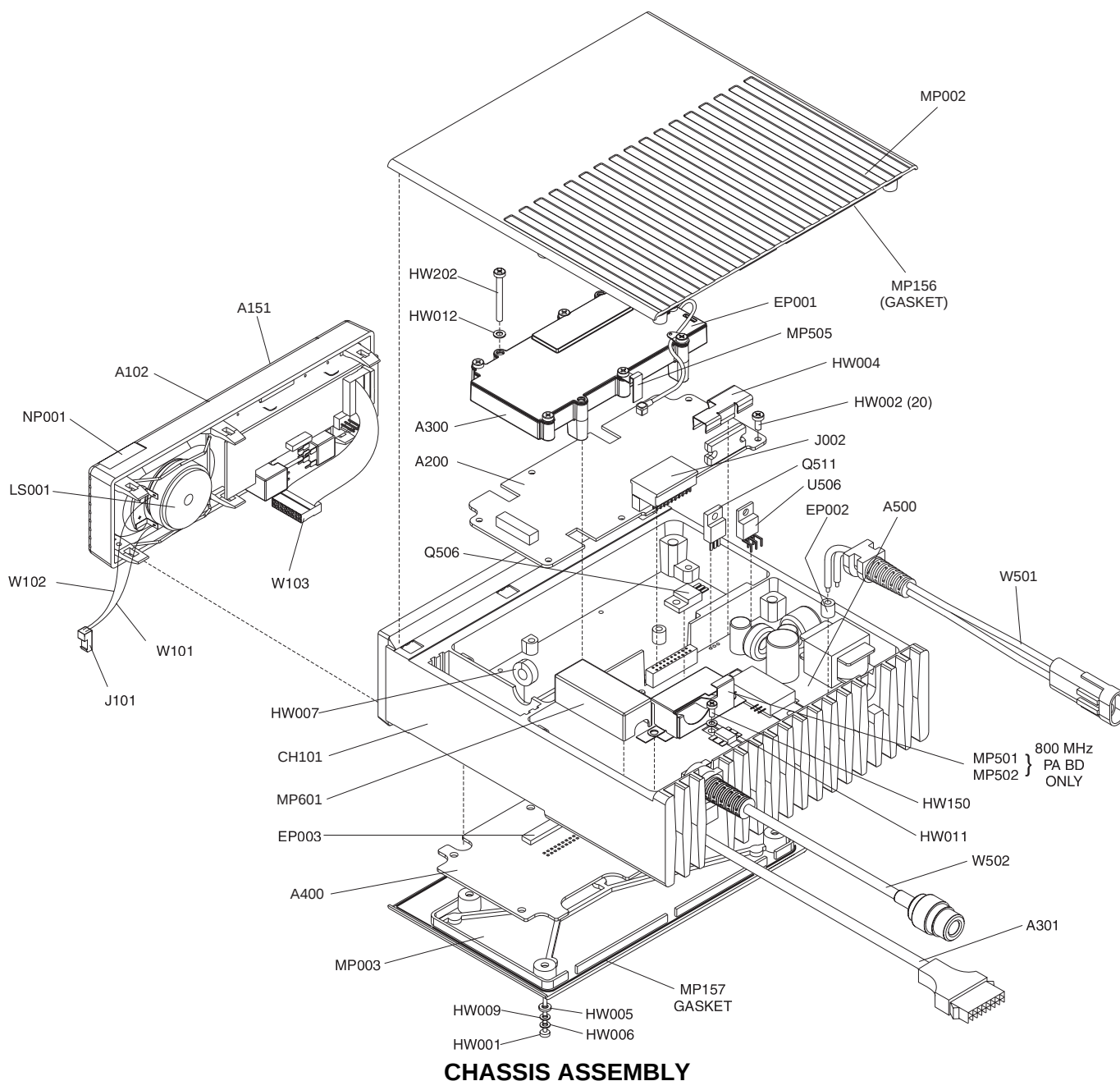
Remote Programming Interface

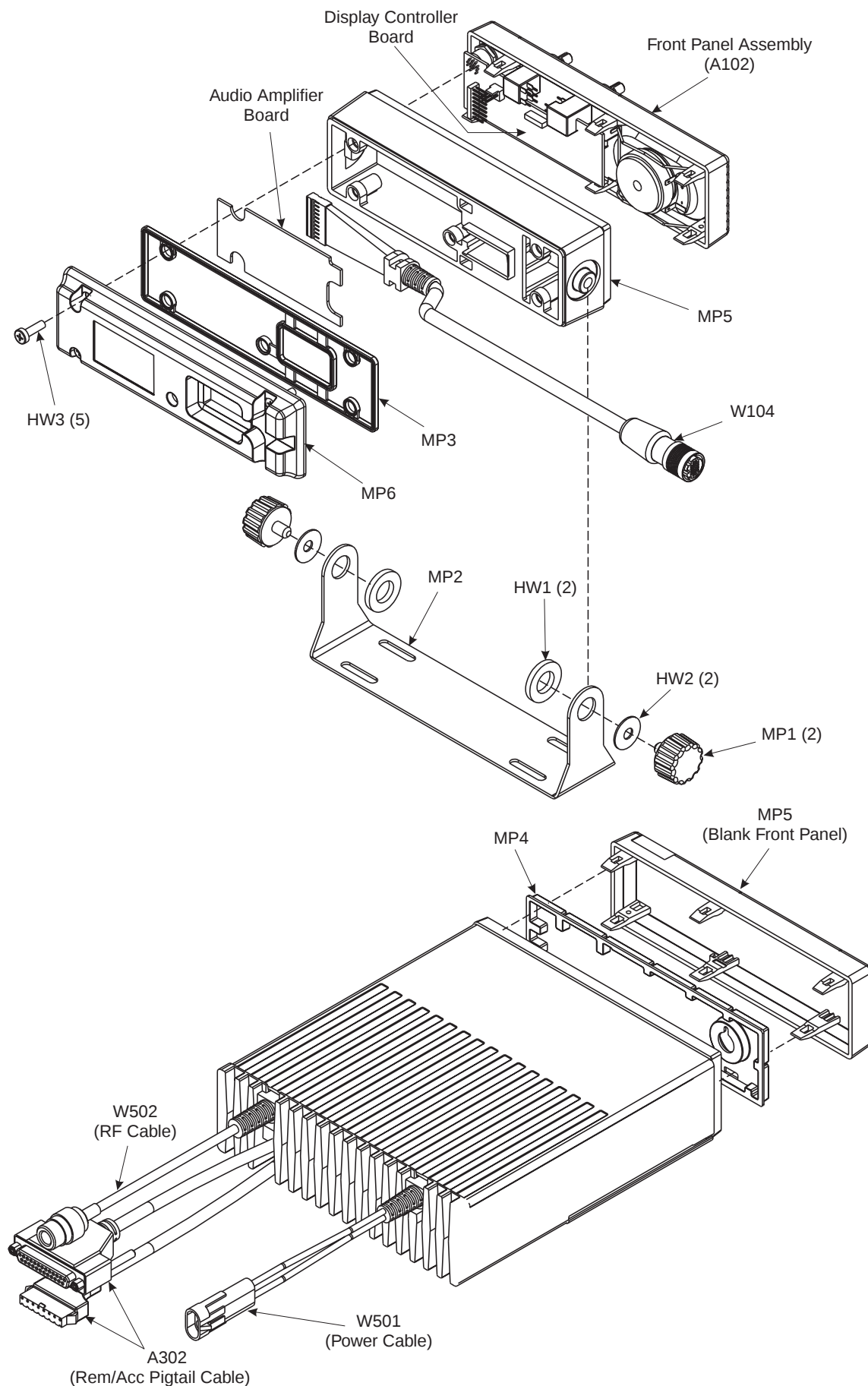
Ref No.	Description	Part No.
C 010	10 μ F 25V tantalum smd	510-2627-100
C 011	10 μ F 25V tantalum smd	510-2627-100
C 014	4.7 μ F 10V tantalum smd	510-2624-479
C 015	4.7 μ F 10V tantalum smd	510-2624-479
C 016	10 μ F 16V tantalum smd	510-2625-100
C 017	10 μ F 16V tantalum smd	510-2625-100
C 018	10 μ F 25V tantalum smd	510-2627-100
CR 001	Schottky diode, 1A/100V	523-0519-031
CR 002	Schottky diode, 1A/100V	523-0519-031
CR 003	Schottky diode, 1A/100V	523-0519-031
CR 004	Schottky diode, 1A/100V	523-0519-031
CR 006	Switching diode SOT-23	523-1504-002
CR 007	Switching diode SOT-23	523-1504-002
CR 008	5.6V zener SOT-23	523-2016-569
DS 001	Red/grn LED rt angle	549-4006-001
HW 006	Screw, TT 4-40 x .25 pan hd	575-0604-008
HW 012	Polarizing key	515-7109-010
J 001	Jack, 3.6 mm enclosed	515-2001-011
J 002	Jack, 9-pos PC mt	515-0506-043
J 003	Jack, power PC mt	515-2007-010
J 004	Header, 10-pin shrouded	515-7104-005
J 007	Jack, 2-pin sgl in-line hdr	515-7100-002
J 008	Jack, mini enclosed	515-2002-011
MP 001	Extruded metal enclosure	014-0777-021
MP 002	Back panel (DB9 end)	017-2206-017
MP 003	Front panel (LED end)	017-2206-016
MP 007	Spacer, 4-40 hex male/female	013-1160-103
NP 001	ID/nameplate	559-5000-500
PC 001	PC board	035-5300-030
Q 001	NPN general purpose SOT-23	576-0003-658
Q 005	NPN general purpose SOT-23	576-0003-658
R 009	1k ohm $\pm 5\%$ 1/8w SMD	569-0115-102
R 010	200 ohm $\pm 5\%$ 1/8W smd	569-0115-201
R 012	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 013	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 020	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 024	10k ohm $\pm 5\%$ 1/8W smd	569-0115-103
R 025	3k ohm $\pm 5\%$ 1/8W smd	569-0115-302
R 028	3k ohm $\pm 5\%$ 1/8W smd	569-0115-302

Remote Programming Interface

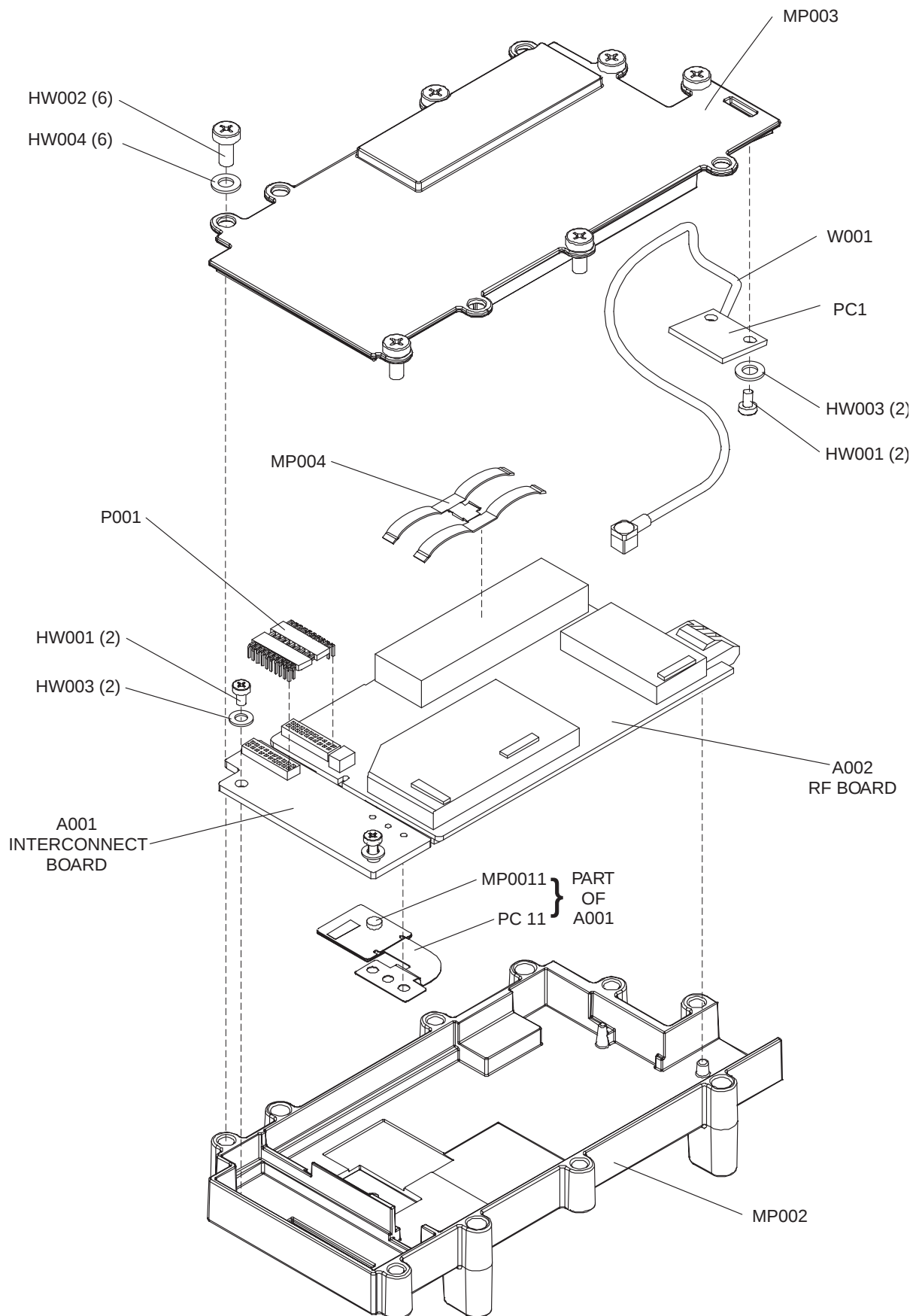
Ref No.	Description	Part No.
R 029	3k ohm $\pm 5\%$ 1/8W smd	569-0115-302
R 032	10k ohm $\pm 5\%$ 1/8W smd	569-0115-103
R 035	300 ohm $\pm 5\%$ 1/8W smd	569-0115-301
R 036	3k ohm $\pm 5\%$ 1/8W smd	569-0115-302
R 037	Zero ohm $\pm 5\%$ 1/8W smd	569-0115-001
R 038	10k ohm $\pm 5\%$ 1/8W smd	569-0105-103
R 039	10k ohm $\pm 5\%$ 1/8W smd	569-0115-103
R 040	10k ohm $\pm 5\%$ 1/8W smd	569-0115-103
R 041	100k ohm $\pm 5\%$ 1/8W smd	569-0115-104

Ref No.	Description	Part No.
S 009	DIP switch, 8-pos SPST	583-5100-108
U 001	Regulator, 5V 0.5A 78M05	544-2003-079
U 004	RS-232 rx/tx, dual MAX232	544-2023-019
U 005	RS-485 bus xcvr SN65176	544-2023-027
U 006	Schmitt trigger 74HC14	544-3766-014

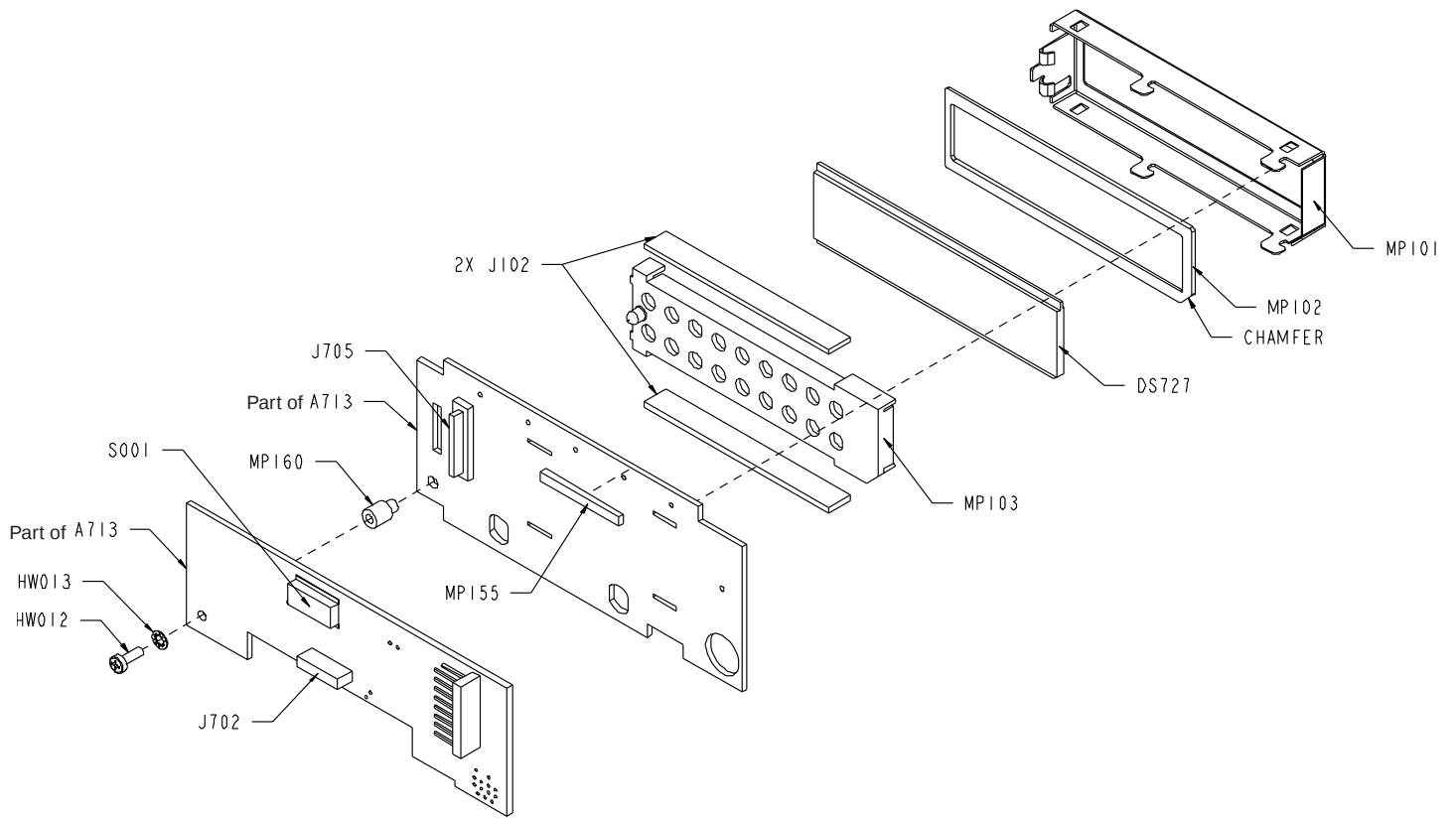




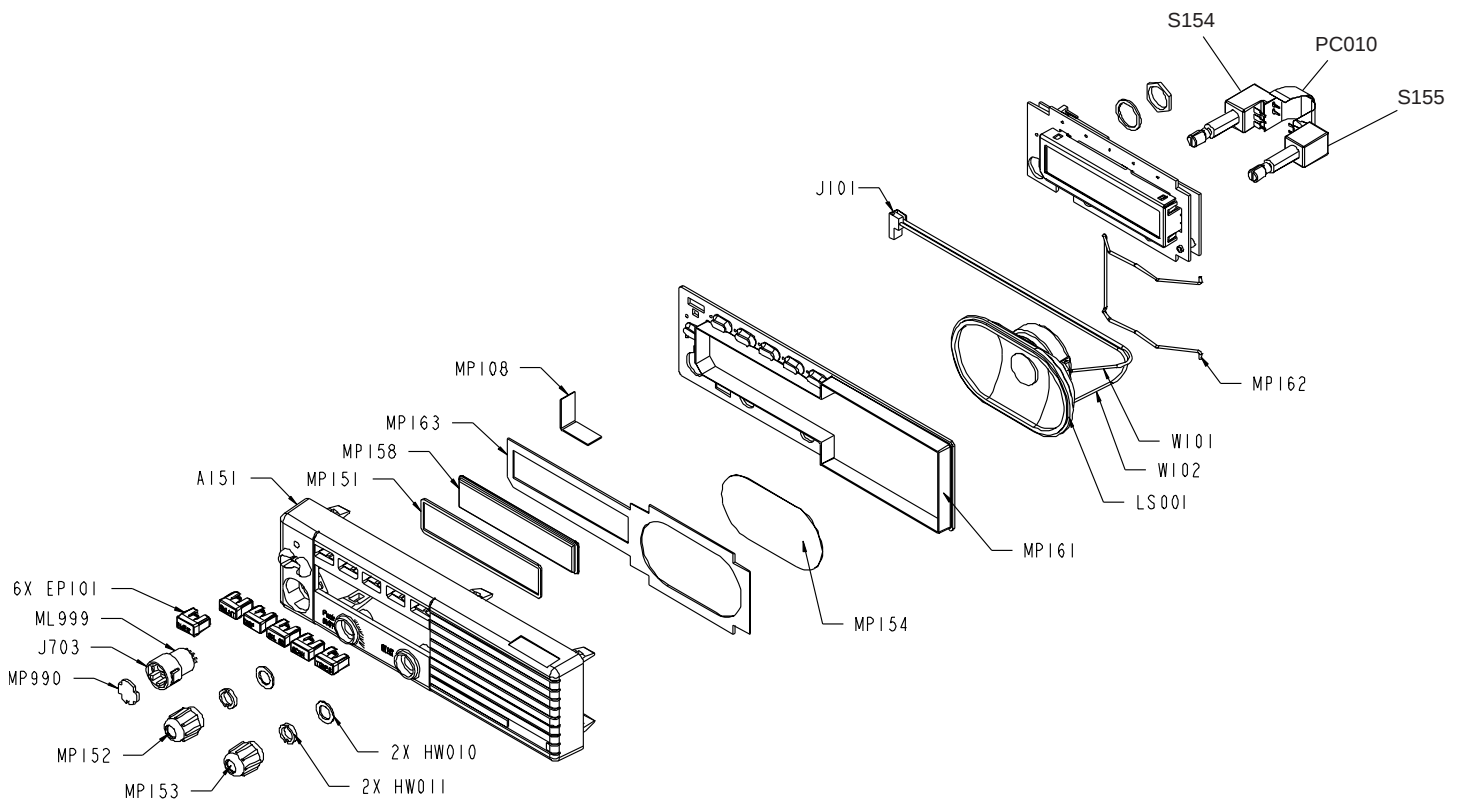
REMOTE CONTROL UNIT/TRANSCIVER ASSEMBLY



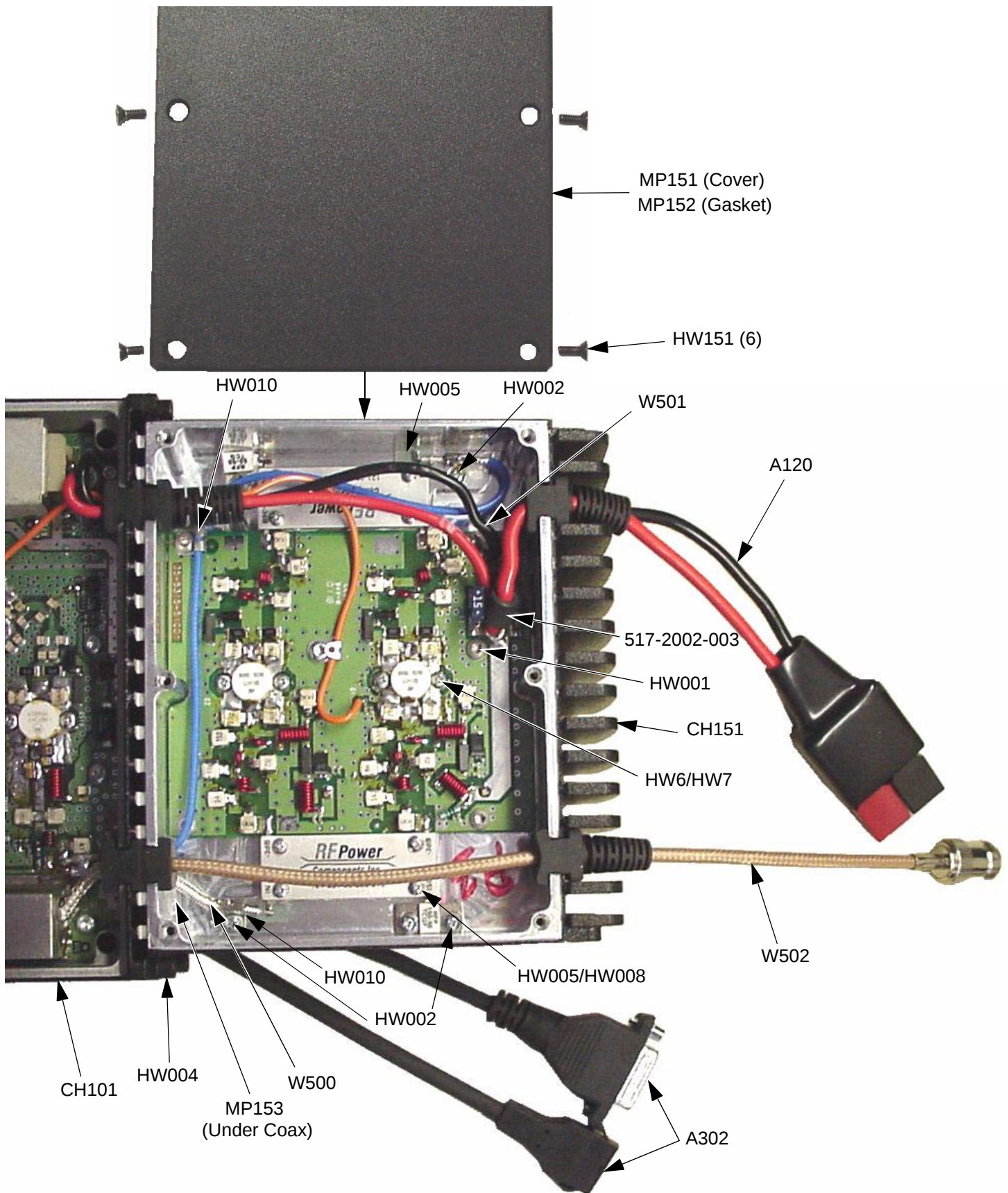
RECEIVER/EXCITER ASSEMBLY (A300)



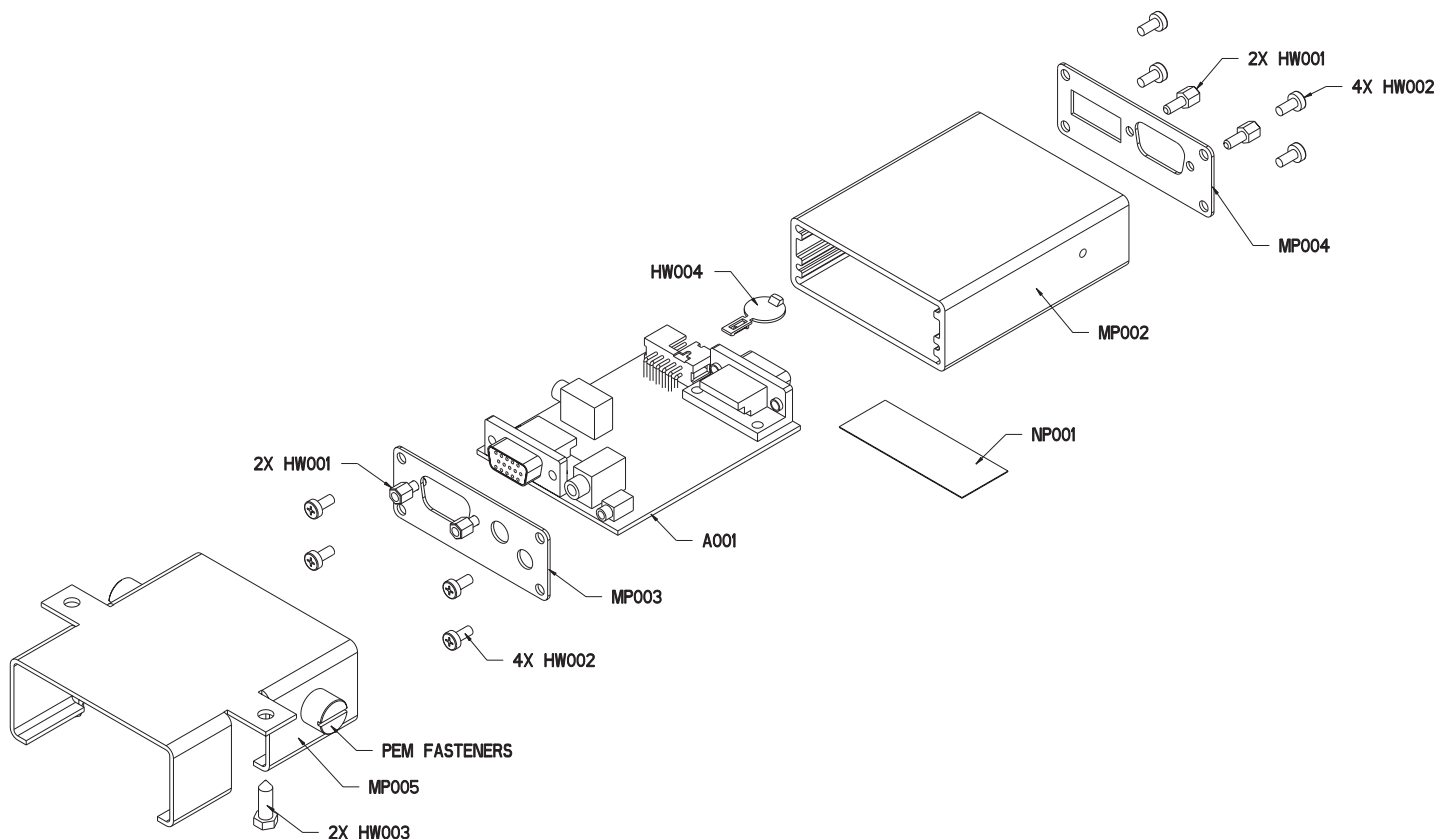
DISPLAY ASSEMBLY (A713)



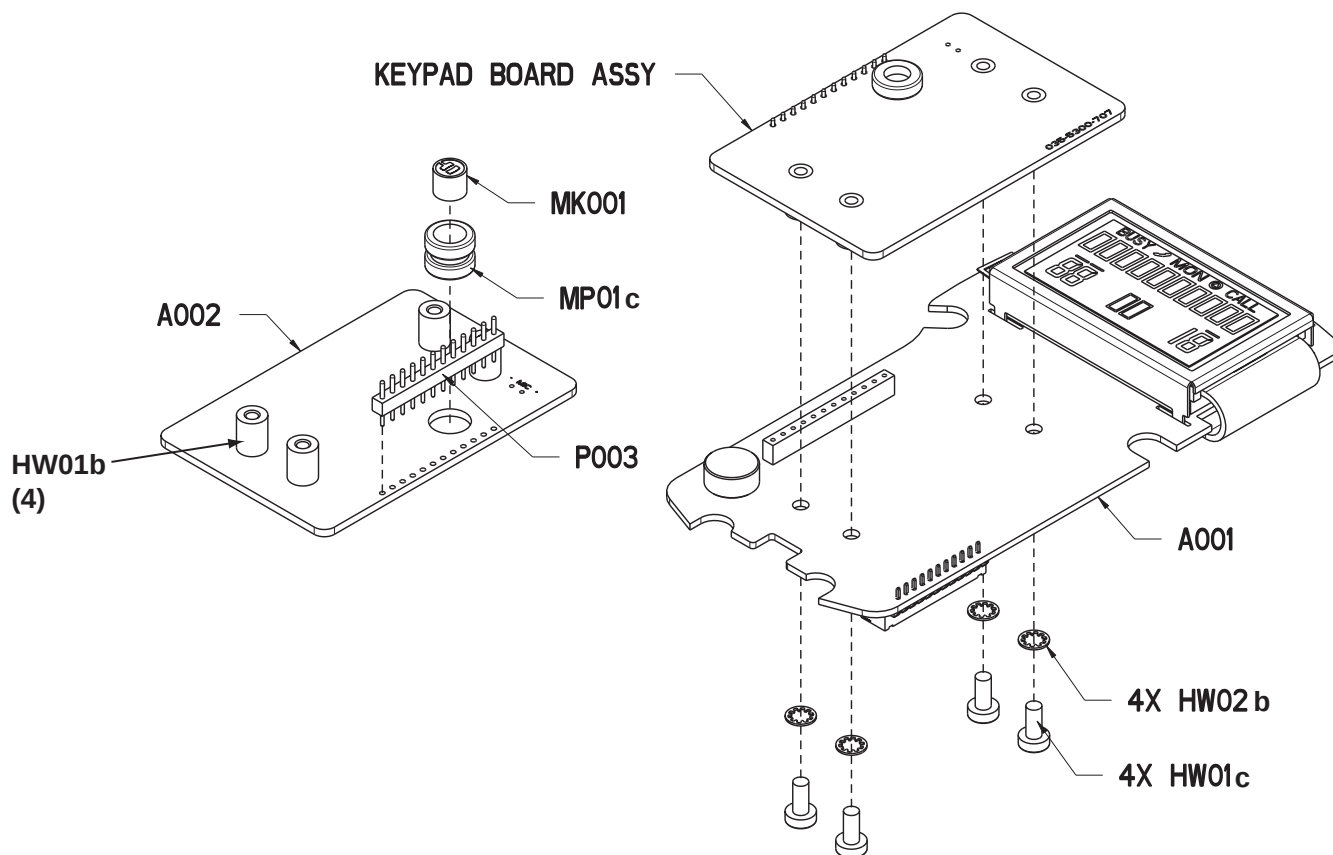
FRONT PANEL ASSEMBLY (A102)



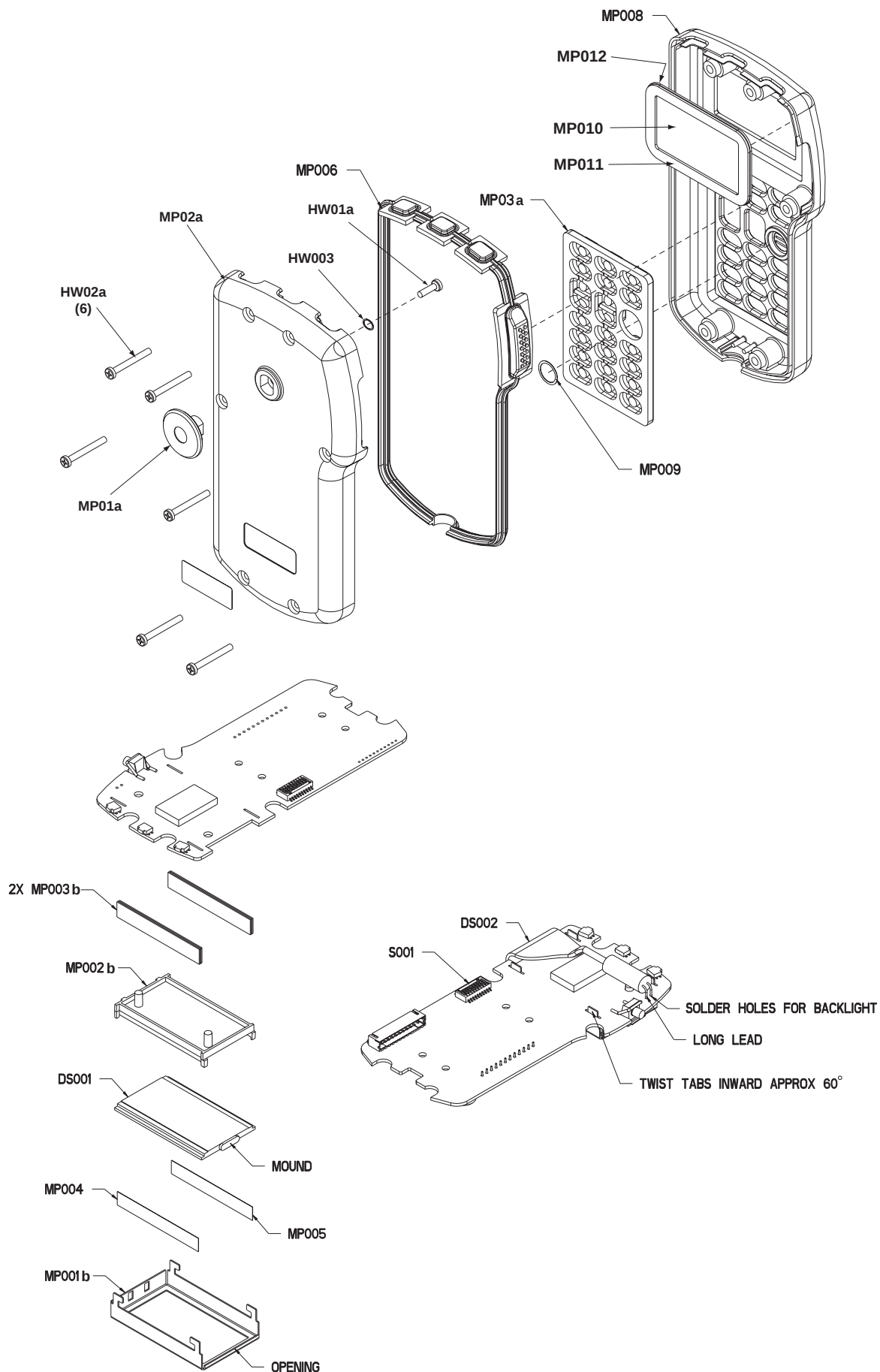
100-WATT PA ASSEMBLY



HANDHELD CONTROL UNIT JUNCTION BOX EXPLODED VIEW



HANDHELD CONTROL UNIT EXPLODED VIEW (PART 1 OF 2)



HANDHELD CONTROL UNIT EXPLODED VIEW (PART 2 OF 2)