

BOM EXPLOSION REPORT

Part Number G3L-900-50-005
Part Revision B
Part Description MCPA,50W,G3,GSM,900MHz G3 50W,900MHz GSM
 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
...3	Doc 100 Fab	D100-03614	D	SIDE COVER, LOW COST 50 WATT MCPA	0		REF	
..2	Part	100-03699-001	C	RAIL, DELRIN, LOW COST 50W MCPA	5	2		
...3	Doc 100 Fab	D100-03699	C	RAIL, DELRIN, LOW COST 50W MCPA	0		REF	
..2	Part	100-1391	E	GUIDE PLATE, FEMALE	7	1		
...3	Doc 100 Fab	D100-1391	E	GUIDE PLATE, FEMALE	0		REF	
..2	Part	100-1390	B	BUSHING BRACKET GUIDE	8	1		
...3	Doc 100 Fab	D100-1390	B	BUSHING BRACKET GUIDE	0		REF	
..2	Part	120-250	A	SCREW, 4-40 x 3/16, PPH, SS	9	2		
..2	Part	121-202	A	WASHER, LKIS, #4, ZINC	10	2		
..2	Part	120-243	A	SCREW, 4-40 x.375, PPH	11	2		
..2	Part	120-212	A	SCREW 4 X 3/8 PPH TYPE A	12	2		
..2	Part	121-116	A	WASHER, FLAT, #4, FLRO	13	4		
..2	Part	500-01387-001	B	CCA, LED DISPLAY, SEAHAWK II	14	1	A1	
...3	Doc 300 Schematic	D300-01387	A1	SCHEMATIC, LED DISPLAY, SEAHAWK II	0		REF	
...3	Doc 500 CCA	D500-01387	C	CCA, LED DISPLAY, SEAHAWK II	0		REF	
...3	Part	200-01387-001	A1	PCB, LED DISPLAY, SEAHAWK II	1	1		
...3	Part	138-162	A	SWITCH MICROSUBMINI DPDT	2	1	S1	
...3	Part	920-00306-003	A	LED, DUAL COLOR, ORG & GRN	3	1	DS1	
...3	Part	922-00058-006	A	HDR STRT LOCKNG 6POS	4	1	J1	

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
...3	Part	940-00019-003	A	SPACER, LED, 3-LEAD, .190 BLACK, FOR T1-3/4 (5mm) LED	5	1	X DS1	
..2	Part	120-350	A	SCREW, 6-32 X 5/16, PFH	15	40		
..2	Part	120-235	A	SCREW 4-40X1/4 PFH 100CS	16	8		
..2	Part	120-215	A	SCREW, 4-40 X 3/16, PPH	17	2		
..2	Part	121-212	A	WASHER, LKSP, #4, HELICAL, SS	18	2		
..2	Part	800-01129-001	B	ASSEMBLY, FRONT PANEL LOW COST 50 W MCPA	19	1		
...3	Doc 800 Assembly	D800-01129	B	ASSEMBLY, FRONT PANEL, LOW COST 50 W MCPA	0	REF		
..2	Part	700-00840-001	C	CABLE ASSY, HARNESS, LOW COST 50W MCPA	21	1		
...3	Doc 700 Cable Assy	D700-00840	C	CABLE ASSY, HARNESS, LOW COST 50W MCPA	0	REF		
...3	Part	922-00022-024	B	CONN, HOUSING, 2x12, .1"PITCH	1	1	P1	
...3	Part	922-00103-001	A	CNTCT CRMP 22-26AWG	2	20		FO
...3	Part	130-724	B	CONN, D-SUB COMB, MAL SOLDER CUP, 17 + 4	3	1	P2	
...3	Part	130-747	A	CNTCT DC MAL 20A 12 AWG	4	2		
...3	Part	132-112	A	LUG RING 12-10 AWG #6	5	1		
...3	Part	115-238	B	WIRE, TEFLON, 24AWG, RED/WHT	7	0		
...3	Part	115-224	A	WIRE, TEFLON, 24AWG, BLK/GRN	8	0		
...3	Part	115-240	A	WIRE, TEFLON, 24AWG, VIO/WHT	9	0		
...3	Part	115-226	A	WIRE, TEFLON, 24AWG, BLK/VIO	10	0		
...3	Part	115-236	A	WIRE, TEFLON, 24AWG, RED/YEL	11	0		

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
...3	Part	115-222	A	WIRE, TEFLON, 24AWG, BLK/ORG	12	0		
...3	Part	115-242	A	WIRE, TEFLON, 24AWG, WHT/GRY	13	0		
...3	Part	115-230	A	WIRE, TEFLON, 24AWG, BRN/YEL	14	0		
...3	Part	115-229	A	WIRE, TEFLON, 24AWG, BRN/ORG	15	0		
...3	Part	115-212	A	WIRE, TEFLON, 24AWG, BLK	16	0		
...3	Part	115-214	A	WIRE, TEFLON, 24AWG, RED	17	0		
...3	Part	115-217	A	WIRE, TEFLON, 24AWG, GRN	18	0		
...3	Part	115-215	A	WIRE, TEFLON, 24AWG, ORG	19	0		
...3	Part	115-213	A	WIRE, TEFLON, 24AWG, BRN	20	0		
...3	Part	115-218	A	WIRE, TEFLON, 24AWG, BLU	21	0		
...3	Part	116-001	D	TUBING, HEATSHRINK, 1/8, BLK	22	0		
...3	Part	116-003	A	SHRINK, TUBING, B2-3/16-0-4	23	0		
...3	Part	700-00556-004	A	CABLE ASSY, RF DSUB TO SMA	24	2		
...3	Part	922-00059-006	A	CONN HOUSING LOCK 6 POS	25	1	P3	
...3	Part	922-00164-001	A	TERMINAL, CRIMP, 30-22 AWG	26	5		FO
...3	Part	910-00132-320	A	WIRE, TFL, 24 AWG, ORN/RED	27	0		
...3	Part	910-00132-620	A	WIRE, TFL, 24 AWG, BLU/RED	28	0		
...3	Part	115-199	A	WIRE, TEFLON, 12AWG, RED	29	0		
...3	Part	115-198	A	WIRE, TEFLON, 12AWG, BLK	30	0		
...3	Part	133-205	A	TIE WRAP, CABLE, BLK, 4INCH	31	6		
...3	Part	131-239	A1	RING COAX STABILIZING	32	2		

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...3	Part	131-240	A	RING STABILIZING DC-CONT	33	2		
...3	Part	100-1390	B	BUSHING BRACKET GUIDE	34	2		
...3	Part	121-132	A	WASHER, FLAT, #8 LT WT	35	2		
...3	Part	100-1391	E	GUIDE PLATE, FEMALE	36	1		
...3	Part	120-250	A	SCREW, 4-40 x 3/16, PPH, SS	37	2		
...3	Part	121-212	A	WASHER, LKSP, #4, HELICAL, SS	38	2		
...3	Part	121-116	A	WASHER, FLAT, #4, FLRO	39	2		
...3	Part	910-00132-350	A	WIRE, TFL, 24 AWG, ORN/GRN	43	0		
...3	Part	910-00132-640	A	WIRE, TFL, 24 AWG, BLU/YEL	44	0		
..2	Part	700-00931-001	A	CABLE ASSY, RF OUTPUT MCX TO SMA	22	1		
...3	Doc 700 Cable Assy	D700-00931	A	CABLE ASSY, RF OUTPUT MCX TO SMA	0	REF		
...3	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	1	0		
...3	Part	922-00119-002	A	CONN, MCX, DIRECT SOLDER PLUG FOR .085 SEMI-RIGID COAX	2	1		
..2	Part	130-321	C	CONN, SMA, 2-HOLE FLANGE MT CABLE JACK, .086 SR COAX	23	1		Us

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0	Part Model Number	G3L-900-50-005		MCPA, 50W, G3, GSM, 900MHz G3 50W, 900MHz GSM Multi-Channel Amplifier w/ PWAV front panel				
.1	Part	800-01127-001	E	TOP ASSEMBLY, LOW COST 50 W MCPA	0	1		
.2	Doc 800 Assembly	D800-01127	C	TOP ASSEMBLY, LOW COST 50 W MCPA	0	REF		
.2	Part	800-01128-001	C	ASSEMBLY, RF AND DIGITAL, LOW COST 50 W MCPA	1	1		
...3	Doc 800 Assembly	D800-01128	C	ASSEMBLY, RF AND DIGITAL, LOW COST 50W MCPA	0	REF		
...3	Part	800-01130-001	H	ASSEMBLY, RF MODULE LOW COST 50 W MCPA	1	1		
....4	Part	100-04181-001	A	HEATSINK, PRESS FIT FINS, LOW COST 50W MCPA, LOW COST 50W MCPA	0	0		MA 03
....4	Doc 800 Assembly	D800-01130	H	ASSEMBLY, RF MODULE, LOW COST 50 W MCPA	0	REF		
....4	Part	100-03433-002	D1	HEATSINK, EPOXY BONDED FINS, LOW COST 50W MCPA	1	1		
....4	Part	100-04061-001	D	WALLS, RF, SEAHAWK II	2	1		
....4	Part	100-03514-001	D	COVER, RF SECTION 50W LOW COST MCPA	3	1		
....4	Part	500-01170-002	C1	CCA, PRE-AMP, SEAHAWK II	4	1	A1	
....4	Part	500-01183-001	A2	CCA, DRIVER ERROR	5	2	A2, A5	
....4	Part	500-01168-001	C1	CCA, MAIN AMP, SEAHAWK II	6	1	A3	
....4	Part	500-01184-002	B	CCA, SEAHAWK II, PRE-ERROR	7	1	A4	
....4	Part	500-01167-001	B	CCA, ERROR FINAL AMP	8	1	A6	
....4	Part	500-01000-001	A	CCA, OUTPUT 1 CIRCUIT, 25W AMPLIFIER 1091	9	1	A7	
....4	Part	500-01185-003	A	CCA, OUTPUT, 50W AMPLIFIER	10	1	A8	
....4	Part	924-00029-001	C1	XSTR, MRF186, 110W, 28V	11	6		

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....4	Part	924-00028-001	B	XSTR, MRF184, 60W, 28V, 1GHz	12	2		
....4	Part	158-052	A	RES, TERMN, 50 OHM, 50W	13	2		
....4	Part	923-00072-501	A	RES, T, 50, 5%, 20W	14	3		
....4	Part	925-00058-001	B1	IC AMP HBRD 800-960MHz	15	2		
....4	Part	920-00295-002	A1	ISOLATOR, DROP-IN, 869-894 110W (REV PWR)	16	1		
....4	Part	165-001	C	FILTER, LOW-PASS, BOLT-IN, 1000PF, 8/32 RESIN-SEALED	17	2		
....4	Part	700-00697-001	C	CABLE ASSY, RF, MCX BULKHEAD, E3 of 500-01184-XXX (Pre Error)	18	1	W1	
....4	Part	700-00697-002	D	CABLE ASSY, RF, MCX BULKHEAD, E4 of 500-01170-XXX (Pre Amp)	19	1	W2	
....4	Part	700-00697-003	C	CABLE ASSY, RF, MCX BULKHEAD, E3 of 500-01170-XXX (Pre Amp)	20	1	W3	
....4	Part	700-00697-004	D	CABLE ASSY, RF, MCX BULKHEAD, E3 of 500-01185-XXX (50W Output)	21	1	W4	
....4	Part	700-00694-001	B1	CABLE ASSY, .085 COAX	22	1	W6	
....4	Part	700-00694-002	B	CABLE ASSY, .085 COAX	23	1	W7	
....4	Part	700-00694-003	A1	CABLE ASSY, .085 COAX	24	1	W8	
....4	Part	700-00694-004	B	CABLE ASSY, .085 COAX	25	1	W9	
....4	Part	700-00694-005	D	CABLE ASSY, .085 COAX	26	1	W10	
....4	Part	700-00694-007	B1	CABLE ASSY, .085 COAX	27	1	W11	
....4	Part	700-00694-009	A1	CABLE ASSY, .085 COAX	28	1	W12	
....4	Part	700-00693-001	C	CABLE ASSY, 085 COAX, BULKHEAD, THREADED E1 of 500-01000-001 (25w Output)	29	1	W13	
....4	Part	700-00693-002	C	CABLE ASSY, 085 COAX, BULKHEAD, THREADED E5 of 500-01185-002 (50w Output)	30	3	W14-W16	

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....4	Part	700-00693-003	D	CABLE ASSY, 085 COAX, BULKHEAD, THREADED E2 of 500-01168-001 (Main Amp)	31	1	W17	
....4	Part	700-00697-006	E	CABLE ASSY, RF, MCX BULKHEAD, E5 of 500- 01168-XXX (Main Amp)	32	1	W5	
....4	Part	10540-015	A	SCREW, 4-40 SH .312 SS	40	4		IC
....4	Part	120-121	A	SCREW, 2-56 X 5/16, PPH	41	4		ISO
....4	Part	121-210	A	WASHER, LOCK, #2, SS	42	4		
....4	Part	121-133	A	WASHER, FLAT, #2 FLRO	43	4		
....4	Part	C700-101	A	COMPOUND, DC-Z9, HEATSINK	44	1		
....4	Part	C700-102	A	LOCTITE 444	45	1		
....4	Part	921-00096-001	A	CAP, VAR, 1-5pF	46	7	A3(C127), A3(C131), A3(C135), A3(C139), A3(C143), A5(C21), A6(C26)	
....4	Part	161-019	B	CAP, S, 8.2pF, 500V	47	5	A3(C128), A3(C132), A3(C136), A3(C140), A3(C144)	
....4	Part	951-00054-005	A	SCREW, SET, 6-32x3/8, CP, SS	47	7		
....4	Part	921-00072-100	C	CAP, HI-Q, 10pF, 1111, 500V, 5%	48	6	A3(C129), A3(C133), A3(C137), A3(C141), A3(C145), A6(C28)	
....4	Part	953-00076-001	A	WASHER, LKSP, #4, HIGH-COLLAR HELICAL, SS FOR SOCKET HEAD CAP SCREW	50	43		
....4	Part	03003-301	B	RES, S, 300, 1206, 5%, .125W	51	1	A4(R7)	
....4	Part	03003-180	B	RES, S, 18, 1206, 5%, .125W	52	1	A4(R5)	
....4	Part	03018-270	A	CAP S 27pF B-SIZE 500V	53	1	A5(C26)	
....4	Part	11614-003	A	CAP HI-Q 10.0pF	54	6	A3(Q1), A3(Q2), A3(Q3), A3(Q4), A3(Q5), A6(Q1)	Ou

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....4	Part	700-00880-001	A	CABLE ASSY, 14AWG, RED	55	1	W18	
....4	Part	120-235	A	SCREW 4-40X1/4 PFH 100CS	56	53		
....4	Part	120-244	A	SCREW, 4-40 x.312, PPH	57	77		77
....4	Part	121-212	A	WASHER, LKSP, #4, HELICAL, SS	58	162		77
....4	Part	121-116	A	WASHER, FLAT, #4, FLRO	59	103		77
....4	Part	120-281	A	SCREW, 4-40X.500, SOC CP	60	59		
....4	Part	120-239	A	SCREW, 4-40 x 1/4, SHCS, SS	61	26		
....3	Part	800-01132-001	D	ASSEMBLY, DIGITAL MODULE LOW COST 50 W MCPA	2	1		
....4	Doc 800 Assembly	D800-01132	D	ASSEMBLY, DIGITAL MODULE, LOW COST 50 W MCPA	0	REF		
....4	Part	100-04059-001	C	HOUSING, DIGITAL, SEAHAWK II	1	1		
....4	Part	100-03462-001	C	COVER, PILOT 50 W LOW COST MCPA	2	1		
....4	Part	100-03463-001	C	COVER, DIGITAL 50 W LOW COST MCPA	3	1		
....4	Part	100-04070-001	A	COVER, 1ST LOOP DETECT, 50W LOW COST MCPA	4	1		
....4	Part	500-01388-001	C	CCA, 1st LOOP DETECT, STANDARD	6	1	A1	
....4	Part	500-01219-002	B	CCA, PILOT RECEIVER, SEAHAWK 2	7	1	A2	
....4	Part	500-01220-002	A1	CCA, PILOT MOD., SEAHAWK 2	8	1	A3	
....4	Part	500-01193-002	D1	CCA, PREAMP 1, SEAHAWK II	9	1	A4	
....4	Part	500-01212-002	F	CCA, SEAHAWK II, MULTIFUNCTION	10	1	A5	
....4	Part	700-00697-005	D	CABLE ASSY, RF, MCX BULKHEAD, E1 of 500- 01212-XXX (Multifunction)	14	1	W6	
....4	Part	700-00694-006	A1	CABLE ASSY, .085 COAX	15	2	W7, W8	

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....4	Part	700-00694-008	C	CABLE ASSY, .085 COAX	16	1	W9	
....4	Part	920-00339-007	A	FILTER PLATE, 1x7, 1000pF 90 DEG BOTH SIDES	17	5		
....4	Part	920-00279-015	C1	REGULATOR, VOLT, 15V@3.0A	18	1	U1	
....4	Part	920-00203-008	A	REGLTR 3 TRMNL 8V	19	1	U2	
....4	Part	925-00068-001	A1	IC, TEMP SENSOR, -50TO+150C	20	1	U7	
....4	Part	C700-101	A	COMPOUND, DC-Z9, HEATSINK	21	1		
....4	Part	C700-102	A	LOCTITE 444	22	1		
....4	Part	C700-100	A	THERMAL BOND KIT 4952	23	1		
....4	Part	121-212	A	WASHER, LKSP, #4, HELICAL, SS	24	43		41
....4	Part	121-116	A	WASHER, FLAT, #4, FLRO	25	41		41
....4	Part	120-276	A	SCREW, 4-40 x .250, PFH	26	41		41
....4	Part	120-225	A	SCREW, 4-40 x 1/4, PPH	27	41		41
....4	Part	120-239	A	SCREW, 4-40 x 1/4, SHCS, SS	28	2		RE
....4	Part	700-00697-007	B	CABLE ASSY, RF, MCX BULKHEAD, E1 of 500-01220-XXX (Pilot Mod)	29	1	W5	
....4	Part	700-00697-008	B	CABLE ASSY, RF, MCX BULKHEAD, E2 of 500-01193-XXX (Pre Amp)	30	1	W1	
....4	Part	700-00697-009	B	CABLE ASSY, RF, MCX BULKHEAD, E4 of 500-01212-XXX (Multifunction)	31	1	W4	
....4	Part	700-00697-010	B	CABLE ASSY, RF, MCX BULKHEAD, E1 of 500-01388-XXX (1st Loop Detect)	32	1	W2	
....4	Part	700-00697-011	B	CABLE ASSY, RF, MCX BULKHEAD, E1 of 500-01193-XXX (Pre Amp)	33	1	W3	
....4	Part	900-00106-009	B	AI, FLASH MEMORY, 32Kx8 U33, CHECKSUM: 00D7AC4B, REV 3.3, SEAHAWK II MULTIFUNCTION	34	1	A5(U33)	

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...3	Part	700-00698-001	C	CABLE ASSY, MCX, PLUG-PLUG, .085 SEMI RIGID	5	3	W3-W5	
....4	Doc 700 Cable Assy	D700-00698	D	CABLE ASSY, MCX, PLUG-PLUG, .085 SEMI RIGID	0	REF		
....4	Part	922-00381-001	A	CONN, STR PLUG, SOLDER, MCX FOR USE W/ .086 SR CABLE	1	2		
....4	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	2.6		
...3	Part	700-00698-002	C	CABLE ASSY, MCX, PLUG-PLUG, .085 SEMI RIGID	6	1	W6	
....4	Doc 700 Cable Assy	D700-00698	D	CABLE ASSY, MCX, PLUG-PLUG, .085 SEMI RIGID	0	REF		
....4	Part	922-00381-001	A	CONN, STR PLUG, SOLDER, MCX FOR USE W/ .086 SR CABLE	1	2		
....4	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	6.2		
...3	Part	700-00698-003	B	CABLE ASSY, LOW POWER SIGNAL, PREAMP	7	1	W7	
....4	Doc 700 Cable Assy	D700-00698	D	CABLE ASSY, MCX, PLUG-PLUG, .085 SEMI RIGID	0	REF		
....4	Part	922-00381-001	A	CONN, STR PLUG, SOLDER, MCX FOR USE W/ .086 SR CABLE	1	2		
....4	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	30		
...3	Part	120-281	A	SCREW, 4-40X.500, SOC CP	8	9		
...3	Part	121-212	A	WASHER, LKSP, #4, HELICAL, SS	9	9		
...3	Part	700-00696-001	C	CABLE ASSY, 2ND DELAY, EXTERNAL	10	1	W8	
....4	Doc 700 Cable Assy	D700-00696	C	CABLE ASSY, 2ND DELAY, EXTERNAL	0	REF		
....4	Part	11683-250	C	CBL .250 EASY BEND	1	113		

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....4	Part	922-00480-001	A	CONN, SMA, MALE PLUG, CBL MT DIRECT SOLDER, FOR 1/4-IN S-R COAX	2	2		
...3	Part	700-00699-001	C	CABLE ASSY, 1ST LOOP DELAY, EXTERNAL	11	1	W9	
....4	Doc 700 Cable Assy	D700-00699	C	CABLE ASSY, 1ST LOOP DELAY, EXTERNAL	0	REF		
....4	Part	11160-002	B	CONN, SMA, MAL, CBL-MT FOR .085 DIA S-R COAX	1	2		
....4	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	120		
....4	Part	T2217	A	TAPE ALUM HI-TEMP 1 WIDE	3	0		
..2	Part	100-04011-001	B2	BRACKET, FRONT, LOW COST 50 WATT MCPA	2	1		
...3	Doc 100 Fab	D100-04011	B1	BRACKET, FRONT, LOW COST 50 WATT MCPA	0	REF		
..2	Part	100-04012-001	C	SKIN, OUTER, LOW COST 50 WATT MCPA	3	1		
...3	Doc 100 Fab	D100-04012	D	SKIN, OUTER, LOW COST 50 WATT MCPA	0	REF		
..2	Part	100-03614-001	D	SIDE COVER, LOW COST 50 WATT MCPA	4	1		
...3	Doc 100 Fab	D100-03614	D	SIDE COVER, LOW COST 50 WATT MCPA	0	REF		
..2	Part	100-03699-001	C	RAIL, DELRIN, LOW COST 50W MCPA	5	2		
...3	Doc 100 Fab	D100-03699	C	RAIL, DELRIN, LOW COST 50W MCPA	0	REF		
..2	Part	100-1391	E	GUIDE PLATE, FEMALE	7	1		
...3	Doc 100 Fab	D100-1391	E	GUIDE PLATE, FEMALE	0	REF		
..2	Part	100-1390	B	BUSHING BRACKET GUIDE	8	1		
...3	Doc 100 Fab	D100-1390	B	BUSHING BRACKET GUIDE	0	REF		
..2	Part	120-250	A	SCREW, 4-40 x 3/16, PPH, SS	9	2		

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Part Number G3L-900-50-005
Part Revision B
Part Description MCPA,50W,G3,GSM,900MHz G3 50W,900MHz GSM
 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
..2	Part	121-202	A	WASHER, LKIS, #4, ZINC	10	2		
..2	Part	120-243	A	SCREW, 4-40 x.375, PPH	11	2		
..2	Part	120-212	A	SCREW 4 X 3/8 PPH TYPE A	12	2		
..2	Part	121-116	A	WASHER, FLAT, #4, FLRO	13	4		
..2	Part	500-01387-001	B	CCA, LED DISPLAY, SEAHAWK II	14	1	A1	
...3	Doc 300 Schematic	D300-01387	A1	SCHEMATIC, LED DISPLAY, SEAHAWK II	0	REF		
...3	Doc 500 CCA	D500-01387	C	CCA, LED DISPLAY, SEAHAWK II	0	REF		
...3	Part	200-01387-001	A1	PCB, LED DISPLAY, SEAHAWK II	1	1		
....4	Doc 200 PCB Fab	D200-01387	A1	PCB, LED DISPLAY, SEAHAWK II	0	REF		
...3	Part	138-162	A	SWITCH MICROSUBMINI DPDT	2	1	S1	
...3	Part	920-00306-003	A	LED, DUAL COLOR, ORG & GRN	3	1	DS1	
...3	Part	922-00058-006	A	HDR STRT LOCKNG 6POS	4	1	J1	
...3	Part	940-00019-003	A	SPACER, LED, 3-LEAD, .190 BLACK, FOR T1-3/4 (5mm) LED	5	1	X DS1	
..2	Part	120-350	A	SCREW, 6-32 X 5/16, PFH	15	40		
..2	Part	120-235	A	SCREW 4-40X1/4 PFH 100CS	16	8		
..2	Part	120-215	A	SCREW, 4-40 X 3/16, PPH	17	2		
..2	Part	121-212	A	WASHER, LKSP, #4, HELICAL, SS	18	2		
..2	Part	800-01129-001	B	ASSEMBLY, FRONT PANEL LOW COST 50 W MCPA	19	1		
...3	Doc 800 Assembly	D800-01129	B	ASSEMBLY, FRONT PANEL, LOW COST 50 W MCPA	0	REF		

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Part Description MCPA,50W,G3,GSM,900MHz G3 50W,900MHz GSM
 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
..2	Part	700-00840-001	C	CABLE ASSY, HARNESS, LOW COST 50W MCPA	21	1		
...3	Doc 700 Cable Assy	D700-00840	C	CABLE ASSY, HARNESS, LOW COST 50W MCPA	0	REF		
...3	Part	922-00022-024	B	CONN, HOUSING, 2x12, .1"PITCH	1	1	P1	
...3	Part	922-00103-001	A	CNTCT CRMP 22-26AWG	2	20		FO
...3	Part	130-724	B	CONN, D-SUB COMB, MAL SOLDER CUP, 17 + 4	3	1	P2	
...3	Part	130-747	A	CNTCT DC MAL 20A 12 AWG	4	2		
...3	Part	132-112	A	LUG RING 12-10 AWG #6	5	1		
...3	Part	115-238	B	WIRE, TEFLON, 24AWG, RED/WHT	7	0		
...3	Part	115-224	A	WIRE, TEFLON, 24AWG, BLK/GRN	8	0		
...3	Part	115-240	A	WIRE, TEFLON, 24AWG, VIO/WHT	9	0		
...3	Part	115-226	A	WIRE, TEFLON, 24AWG, BLK/VIO	10	0		
...3	Part	115-236	A	WIRE, TEFLON, 24AWG, RED/YEL	11	0		
...3	Part	115-222	A	WIRE, TEFLON, 24AWG, BLK/ORG	12	0		
...3	Part	115-242	A	WIRE, TEFLON, 24AWG, WHT/GRY	13	0		
...3	Part	115-230	A	WIRE, TEFLON, 24AWG, BRN/YEL	14	0		
...3	Part	115-229	A	WIRE, TEFLON, 24AWG, BRN/ORG	15	0		
...3	Part	115-212	A	WIRE, TEFLON, 24AWG, BLK	16	0		
...3	Part	115-214	A	WIRE, TEFLON, 24AWG, RED	17	0		
...3	Part	115-217	A	WIRE, TEFLON, 24AWG, GRN	18	0		
...3	Part	115-215	A	WIRE, TEFLON, 24AWG, ORG	19	0		

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 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
...3	Part	115-213	A	WIRE, TEFLON, 24AWG, BRN	20	0		
...3	Part	115-218	A	WIRE, TEFLON, 24AWG, BLU	21	0		
...3	Part	116-001	D	TUBING, HEATSHRINK, 1/8, BLK	22	0		
...3	Part	116-003	A	SHRINK, TUBING, B2-3/16-0-4	23	0		
...3	Part	700-00556-004	A	CABLE ASSY, RF DSUB TO SMA	24	2		
....4	Doc 700 Cable Assy	D700-00556	D	CABLE ASSY, RF DSUB TO SMA	0	REF		
....4	Part	115-245	A	CABLE, RG-402, CONFORMABLE	1	5.5		
....4	Part	131-642	A	CONT PLUG RF COMBO PK226	2	1	P1	
....4	Part	130-309	A	CONN, SMA, STRT PLUG, CBL MT w/ CENTER CONTACT, FOR .141 S-R COAX	3	1	J1	
...3	Part	922-00059-006	A	CONN HOUSING LOCK 6 POS	25	1	P3	
...3	Part	922-00164-001	A	TERMINAL, CRIMP, 30-22 AWG	26	5		FO
...3	Part	910-00132-320	A	WIRE, TFL, 24 AWG, ORN/RED	27	0		
...3	Part	910-00132-620	A	WIRE, TFL, 24 AWG, BLU/RED	28	0		
...3	Part	115-199	A	WIRE, TEFLON, 12AWG, RED	29	0		
...3	Part	115-198	A	WIRE, TEFLON, 12AWG, BLK	30	0		
...3	Part	133-205	A	TIE WRAP, CABLE, BLK, 4INCH	31	6		
...3	Part	131-239	A1	RING COAX STABILIZING	32	2		
...3	Part	131-240	A	RING STABILIZING DC-CONT	33	2		
...3	Part	100-1390	B	BUSHING BRACKET GUIDE	34	2		
....4	Doc 100 Fab	D100-1390	B	BUSHING BRACKET GUIDE	0	REF		

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 Part Revision B
 Part Description MCPA,50W,G3,GSM,900MHz G3 50W,900MHz GSM
 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
...3	Part	121-132	A	WASHER, FLAT, #8 LT WT	35	2		
...3	Part	100-1391	E	GUIDE PLATE, FEMALE	36	1		
...4	Doc 100 Fab	D100-1391	E	GUIDE PLATE, FEMALE	0	REF		
...3	Part	120-250	A	SCREW, 4-40 x 3/16, PPH, SS	37	2		
...3	Part	121-212	A	WASHER, LKSP, #4, HELICAL, SS	38	2		
...3	Part	121-116	A	WASHER, FLAT, #4, FLRO	39	2		
...3	Part	910-00132-350	A	WIRE, TFL, 24 AWG, ORN/GRN	43	0		
...3	Part	910-00132-640	A	WIRE, TFL, 24 AWG, BLU/YEL	44	0		
..2	Part	700-00931-001	A	CABLE ASSY, RF OUTPUT MCX TO SMA	22	1		
...3	Doc 700 Cable Assy	D700-00931	A	CABLE ASSY, RF OUTPUT MCX TO SMA	0	REF		
...3	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	1	0		
...3	Part	922-00119-002	A	CONN, MCX, DIRECT SOLDER PLUG FOR .085 SEMI-RIGID COAX	2	1		
..2	Part	130-321	C	CONN, SMA, 2-HOLE FLANGE MT CABLE JACK, .086 SR COAX	23	1		Us

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
.....5	Doc 700 Cable Assy	D700-00694	F	CABLE ASSY, RF, .085 SEMI RIGID	0	REF		
.....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	1	1.75		
....4	Part	700-00694-004	B	CABLE ASSY, .085 COAX	25	1	W9	
.....5	Doc 700 Cable Assy	D700-00694	F	CABLE ASSY, RF, .085 SEMI RIGID	0	REF		
.....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	1	3.28		
.....5	Part	116-001	D	TUBING, HEATSHRINK, 1/8, BLK	2	1.30		
....4	Part	700-00694-005	D	CABLE ASSY, .085 COAX	26	1	W10	
.....5	Doc 700 Cable Assy	D700-00694	F	CABLE ASSY, RF, .085 SEMI RIGID	0	REF		
.....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	1	3.32		
.....5	Part	116-001	D	TUBING, HEATSHRINK, 1/8, BLK	2	1.725		
....4	Part	700-00694-007	B1	CABLE ASSY, .085 COAX	27	1	W11	
.....5	Doc 700 Cable Assy	D700-00694	F	CABLE ASSY, RF, .085 SEMI RIGID	0	REF		
.....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	1	1.60		
....4	Part	700-00694-009	A1	CABLE ASSY, .085 COAX	28	1	W12	
....4	Part	700-00693-001	C	CABLE ASSY, .085 COAX, BULKHEAD, THREADED E1 of 500-01000-001 (25w Output)	29	1	W13	
.....5	Doc 700 Cable Assy	D700-00693	D	CABLE ASSY, .085 COAX, BULKHEAD, THREADED	0	REF		
.....5	Part	05733-001	A	CONN, SMA, BLKHD, JACK FOR .085-IN COAX	1	1		

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 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
.....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	1.65		
....4	Part	700-00693-002	C	CABLE ASSY, .085 COAX, BULKHEAD, THREADED E5 of 500-01185-002 (50w Output)	30	3	W14-W16	
.....5	Doc 700 Cable Assy	D700-00693	D	CABLE ASSY, .085 COAX, BULKHEAD, THREADED	0	REF		
.....5	Part	05733-001	A	CONN, SMA, BLKHD, JACK FOR .085-IN COAX	1	1		
.....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	2.15		
....4	Part	700-00693-003	D	CABLE ASSY, .085 COAX, BULKHEAD, THREADED E2 of 500-01168-001 (Main Amp)	31	1	W17	
.....5	Doc 700 Cable Assy	D700-00693	D	CABLE ASSY, .085 COAX, BULKHEAD, THREADED	0	REF		
.....5	Part	05733-001	A	CONN, SMA, BLKHD, JACK FOR .085-IN COAX	1	1		
.....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	4.64		
.....5	Part	116-001	D	TUBING, HEATSHRINK, 1/8, BLK	3	2.9		
....4	Part	700-00697-006	E	CABLE ASSY, RF, MCX BULKHEAD, E5 of 500-01168-XXX (Main Amp)	32	1	W5	
.....5	Doc 700 Cable Assy	D700-00697	F	CABLE ASSY, RF, MCX BULKHEAD, .085 SEMI RIGID	0	REF		
.....5	Part	922-00380-001	A	CONN, JACK RECP, PNL MT, MCX .250 PNL (MAX), D-FLAT THREAD FOR USE W/ .086 SR CABLE	1	1		
.....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	9.16		
....4	Part	10540-015	A	SCREW, 4-40 SH .312 SS	40	4		IC
....4	Part	120-121	A	SCREW, 2-56 X 5/16, PPH	41	4		ISO
....4	Part	121-210	A	WASHER, LOCK, #2, SS	42	4		

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Part Description MCPA,50W,G3,GSM,900MHz G3 50W,900MHz GSM Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
....4	Part	121-133	A	WASHER, FLAT, #2 FLRO	43	4		
....4	Part	C700-101	A	COMPOUND, DC-Z9, HEATSINK	44	1		
....4	Part	C700-102	A	LOCTITE 444	45	1		
....4	Part	921-00096-001	A	CAP, VAR, 1-5pF	46	7	A3(C127), A3(C131), A3(C135), A3(C139), A3(C143), A5(C21), A6(C26)	
....4	Part	161-019	B	CAP, S, 8.2pF, 500V	47	5	A3(C128), A3(C132), A3(C136), A3(C140), A3(C144)	
....4	Part	951-00054-005	A	SCREW, SET, 6-32x3/8, CP, SS	47	7		
....4	Part	921-00072-100	C	CAP, HI-Q, 10pF, 1111, 500V, 5%	48	6	A3(C129), A3(C133), A3(C137), A3(C141), A3(C145), A6(C28)	
....4	Part	953-00076-001	A	WASHER, LKSP, #4, HIGH-COLLAR HELICAL, SS FOR SOCKET HEAD CAP SCREW	50	43		
....4	Part	03003-301	B	RES, S, 300, 1206, 5%, .125W	51	1	A4(R7)	
....4	Part	03003-180	B	RES, S, 18, 1206, 5%, .125W	52	1	A4(R5)	
....4	Part	03018-270	A	CAP S 27pF B-SIZE 500V	53	1	A5(C26)	
....4	Part	11614-003	A	CAP HI-Q 10.0pF	54	6	A3(Q1), A3(Q2), A3(Q3), A3(Q4), A3(Q5), A6(Q1)	Ou
....4	Part	700-00880-001	A	CABLE ASSY, 14AWG, RED	55	1	W18	
.....5	Doc 700 Cable Assy	D700-00880	A	CABLE ASSY, 14AWG, RED	0	REF		
.....5	Part	115-147	A	WIRE, TEFLON, 14 AWG, RED	1	4.50		
....4	Part	120-235	A	SCREW 4-40X1/4 PFH 100CS	56	53		
....4	Part	120-244	A	SCREW, 4-40 x.312, PPH	57	77		77

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 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
....4	Part	121-212	A	WASHER, LKSP, #4, HELICAL, SS	58	162		77
....4	Part	121-116	A	WASHER, FLAT, #4, FLRO	59	103		77
....4	Part	120-281	A	SCREW, 4-40X.500, SOC CP	60	59		
....4	Part	120-239	A	SCREW, 4-40 x 1/4, SHCS, SS	61	26		
....3	Part	800-01132-001	D	ASSEMBLY, DIGITAL MODULE LOW COST 50 W MCPA	2	1		
....4	Doc 800 Assembly	D800-01132	D	ASSEMBLY, DIGITAL MODULE, LOW COST 50 W MCPA	0	REF		
....4	Part	100-04059-001	C	HOUSING, DIGITAL, SEAHAWK II	1	1		
....5	Doc 100 Fab	D100-04059	C	HOUSING, DIGITAL, SEAHAWK II	0	REF		
....4	Part	100-03462-001	C	COVER, PILOT 50 W LOW COST MCPA	2	1		
....5	Doc 100 Fab	D100-03462	C	COVER, PILOT, 50 W LOW COST MCPA	0	REF		
....4	Part	100-03463-001	C	COVER, DIGITAL 50 W LOW COST MCPA	3	1		
....5	Doc 100 Fab	D100-03463	C	COVER, DIGITAL, 50 W LOW COST MCPA	0	REF		
....4	Part	100-04070-001	A	COVER, 1ST LOOP DETECT, 50W LOW COST MCPA	4	1		
....5	Doc 100 Fab	D100-04070	A	COVER, 1ST LOOP DETECT, 50W LOW COST MCPA	0	REF		
....4	Part	500-01388-001	C	CCA, 1st LOOP DETECT, STANDARD	6	1	A1	
....5	Doc 300 Schematic	D300-01388	A1	SCHEMATIC, 1ST LOOP DETECT, STANDARD	0	REF		
....5	Doc 500 CCA	D500-01388	C	CCA, 1ST LOOP DETECTOR, STANDARD	0	REF		
....5	Part	200-01388-001	A1	PCB, 1ST LOOP DETECTOR, STANDARD	1	1		
....6	Doc 200 PCB Fab	D200-01388	A1	PCB, 1ST LOOP DETECTOR, STANDARD	0	REF		

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
.....5	Part	925-00121-001	A	IC, SYNTHESIZER	16	1	U3	
.....5	Part	05715-001	A1	DIODE SWTCHNG 75V 200mA	17	2	CR1, CR2	
.....6	Doc Misc	D05715	A	DIODE, SWITCHING - SMT	0	REF		
.....5	Part	200-030	C	XSTR, GEN PUR, NPN, 40V SOT-23	18	1	Q2	
.....5	Part	1853-0525	03	XSTR, TO-236, MMBT2907A	19	1	Q1	
.....5	Part	190-192	B1	IC, OP AMP, DUAL VOL.FDBK	20	2	U1, U2	
.....6	Doc Misc	D190-192	A	COMPONENT SPEC, IC OP AMP, DUAL V	0	REF		
.....5	Part	0699-2643	B	RES, S, 0805, 0 OHMS, 1.5 A ZERO OHM JUMPER	21	1	R3	
.....5	Part	923-00021-006	A	RES, S, 2K, 0805, 1%, 1/10W	22	2	R16, R24	
.....5	Part	157-201	B	RES, 0805, 5.1k, 1/10W, 5%	23	1	R5	
.....5	Part	923-00057-562	B	RES, S, 5.6K, 0805, 5%, 1/10W	24	4	R7, R18, R19, R21	
.....5	Part	157-109	C	RES, S, 10K, 0805, 5%, 1/10W	25	8	R2, R4, R9, R10, R15, R17, R23, R26	
.....5	Part	157-117	A	RES, S, 18, 0805, 5%, .1W	26	2	R32, R43	
.....5	Part	923-00022-300	A	RES, S, 30, 0805, 5%, 1/10W	27	1	R41	
.....5	Part	923-00022-510	A	RES, S, 51, 0805, 5%, 1/10W	28	1	R37	
.....5	Part	157-098	B	RES, S, 100, 0805, 5%, .1W	29	3	R14, R27, R28	
.....5	Part	923-00022-111	A	RES, S, 110, 0805, 5%, 1/10W	30	2	R11, R30	
.....5	Part	923-00022-181	A	RES, S, 180, 0805, 5%, 1/10W	31	2	R40, R42	
.....5	Part	0699-3737	B	RES, S, 300, 0805, 5%, 1/10W	32	4	R31, R33, R44, R45	
.....5	Part	923-00022-394	A	RES, S, 390k, 0805, 5%, 1/10W	33	2	R22, R25	

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
.....5	Part	03003-022	B	RES, S, 2.2, 1206, 5%, .125W	34	1	R12	
.....5	Part	03003-242	A	RES, S, 2.4K, 1206, 5%, .125W	35	1	R6	
.....5	Part	03003-332	B	RES, S, 3.3K, 1206, 5%, .125W	36	1	R1	
.....5	Part	03003-082	A	RES, S, 8.2, 1206, 5%, 1/4W	37	2	R8, R29	
.....5	Part	923-00024-100	A	RES, S, 10, 1206, 5%, .125W	38	1	R35	
.....5	Part	03003-270	B	RES, S, 27, 1206, 5%, 1/8W	39	2	R38, R39	
.....5	Part	03003-560	C	RES, S, 56, 1206, 5%, 1/8W	40	2	R34, R36	
.....5	Part	03003-683	A	RES, S, 68K, 1206, 5%, .125W	41	1	R20	
.....5	Part	03003-471	B	RES, S, 470, 1206, 5%, .125W	42	2	R13, R46	
.....5	Part	925-00156-002	A	IC, AMPLFR, PWR, 20DB, 50mW, DC-4GHZ	43	1	U5	
.....5	Part	925-00156-001	A	IC, AMPLFR, PWR, 16DB, 12DBM DC-6GHZ	44	1	U4	
.....5	Part	925-00032-001	A	IC, MIXER, 800LO/4200RF	45	1	U6	
.....4	Part	500-01220-002	A1	CCA, PILOT MOD., SEAHAWK 2	8	1	A3	
.....5	Doc 300 Schematic	D300-01220	B1	SCHEMATIC, PILOT MOD., SEAHAWK 2	0	REF		
.....5	Doc 500 CCA	D500-01220	B1	CCA, PILOT MOD., SEAHAWK 2	0	REF		
.....5	Part	200-01220-002	A1	PCB, PILOT MOD., SEAHAWK 2	1	1		
.....6	Doc 200 PCB Fab	D200-01220	B1	PCB, PILOT MOD., SEAHAWK 2	0	REF		
.....5	Part	161-101	A	CAP S .1uF 0805 50V	2	4	C3, C6, C7, C9	
.....5	Part	921-00021-101	A	CAP, S, 100PF, 0805, 50V, 10%	3	2	C1, C8	
.....5	Part	161-144	A	CAP S .022uF 1206 50V	4	3	C2, C4, C5	

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Part Description MCPA,50W,G3,GSM,900MHz G3 50W,900MHz GSM
 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
.....5	Doc 300 Schematic	D300-01193	C	SCHEMATIC, PREAMP 1, SEAHAWK II	0	REF		
.....5	Doc 500 CCA	D500-01193	D	CCA, PREAMP 1, SEAHAWK II	0	REF		
.....5	Part	200-01193-003	A	PCB, PREAMP 1, SEAHAWK II	1	1		
.....6	Doc 200 PCB Fab	D200-01193	D1	PCB, PREAMP 1, SEAHAWK II	0	REF		
.....5	Part	161-060	A	CAP S 100pF 0805 100V	3	2	C5, C7	
.....5	Part	921-00101-226	C	CAP TAN 22uF 3528 10V	4	2	C8, C9	
.....5	Part	03025-103	A	CAP S .01uF 0805 100V	5	4	C6, C10, C12, C24	
.....5	Part	921-00051-103	B	CAP, S, 0.01uF, 1206, 50V, 10%	6	3	C11, C15, C18	
.....5	Part	11149-331	B	CAP S 330pF 0805 100V	7	5	C16, C17, C19-C21	
.....5	Part	161-094	C	CAP, Ta, 4.7uF, 3528, 16V, 10%	8	2	C13, C14	
.....5	Part	161-092	B	CAP, Ta, 2.2uF, 3528, 20V, 10%	10	1	C22	
.....5	Part	920-00312-002	C1	COUPLER, HYBRID, 815-960MHz 3dB, 150W	11	1	CP1	
.....6	Doc Misc	D920-00312	A	COMPONENT SPEC, COUPLER, RF	0	REF		
.....5	Part	926-00022-001	A1	DIODE, PIN, RF ATTN, 50-OHM COMMON CATHODE, SOT-23	12	2	CR1, CR2	
.....5	Part	05861-001	A1	DIODE VRCTR 30V 200mA	13	4	CR3-CR6	
.....6	Doc Misc	D05861	A	DIODE, VARACTOR, COMPONENT SPEC.	0	REF		
.....5	Part	170-047	A	INDUCTOR, SMD, 43MAT	14	1	FB1	
.....5	Part	922-00136-007	A	CONN, RECP, 1x7, 0.1'PITCH	15	1	J1	
.....5	Part	928-00030-470	B	INDUCTOR, S, 47NH, 0805, 5%, THIN FILM	17	1	L5	

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
.....5	Part	03003-161	A	RES, S, 160, 1206, 5%, .125W	0	1	R44	
.....5	Part	03003-180	B	RES, S, 18, 1206, 5%, .125W	0	1	R134	
.....5	Part	03003-203	B	RES, S, 20K, 1206, 5%, .125W	0	18	R47, R50, R53, R55, R56, R61-R64, R82, R84, R88, R90-R92, R103, R166, R167	
.....5	Part	03003-301	B	RES, S, 300, 1206, 5%, .125W	0	2	R133, R135	
.....5	Part	03003-332	B	RES, S, 3.3K, 1206, 5%, .125W	0	2	R14, R42	
.....5	Part	03003-471	B	RES, S, 470, 1206, 5%, .125W	0	2	R26, R31	
.....5	Part	03003-472	C	RES, S, 4.7K, 1206, 5%, .1/4W	0	8	R36, R40, R46, R58, R83, R147, R212, R254	
.....5	Part	03003-473	B	RES, S, 47K, 1206, 5%, .125W	0	5	R7, R20, R73, R96, R126	
.....5	Part	03003-510	B	RES, S, 51, 1206, 5%, 1/8W	0	7	R66, R67, R86, R101, R102, R111, R115	
.....5	Part	03003-620	B	RES, S, 62, 1206, 5%, .125W	0	1	R8	
.....5	Part	03003-680	A	RES, S, 68, 1206, 5%, .125W	0	3	R18, R34, R54	
.....5	Part	03003-681	A	RES, S, 680, 1206, 5%, .125W	0	1	R57	
.....5	Part	0699-3058	03	RES, C0805, 100 OHM, +/-1%, 0.1W	0	1	R256	
.....5	Part	0699-3631	A	RESISTOR, 301 OHM +/- 1%	0	1	R255	
.....5	Part	131-526	A	CONN HDR 10P 2X5	0	1	JP1	
.....5	Part	157-134	A	RES, S, 10, 1206, 5%, .125W	0	24	R112, R113, R119, R123, R138-R140, R146, R154-R158, R163-R165, R168, R171, R172, R175- R179	

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.....7	Doc 620 Source Code (FW)	D620-00104-001	A	SOURCE CODE, CPLD PROGRAMMED, VERSION 1.1 SAMPLE/HOLD TIMING	0	REF		
.....5	Part	920-00212-001	B1	DIODE, SCHOTTKY, RF	0	2	CR6, CR7	MA
.....6	Doc 920 Electronic Component s	D920-00212	A	DIODE, SCHOTTKY, SMT	0	REF		
.....5	Part	920-00213-001	A	INDUCTOR, 1210, 33uH	0	1	L2	
.....5	Part	920-00218-001	B	BEAD, FERRITE, SMT	0	10	FB1-FB10	FB
.....5	Part	920-00221-001	B	FILTER, BANDPASS, SMT	0	1	FL17	5S
.....5	Part	920-00275-001	A1	COUPLER, 800-2000MHz, SMT	0	1	CP1	D3
.....6	Doc Misc	D920-00275	A	COMPONENT SPECIFICATION, COUPLER, RF, SMT	0	REF		
.....5	Part	920-00415-001	A	FILTER, NOISE, DIGITAL, SMT 50V, 2A	0	16	FL1-FL16	EL
.....5	Part	921-00009-001	C	CAP, Ta, 1uF, 3216, 16V, 20%	0	7	C1, C16, C70, C72, C93, C112, C115	
.....5	Part	921-00031-222	A	CAP S 2200pF 0805 50V	0	1	C13	
.....5	Part	921-00041-471	A	CAP, S, 470pF, 1206, 50V, 10%	0	1	C17	
.....5	Part	921-00045-101	A	CAP, S, 100pF, 1206, 100V, 5%	0	4	C24, C25, C30, C58	
.....5	Part	921-00101-226	C	CAP TAN 22uF 3528 10V	0	2	C94, C96	
.....5	Part	921-00129-107	B	CAP, Ta, 100uF, 7343, 10V, 20% LOW ESR, SURGE ROBUST	0	2	C4, C12	
.....5	Part	921-00131-226	C	CAP, Ta, 22uF, 7343H, 35V, 20% LOW ESR, SURGE ROBUST	0	4	C15, C18, C26, C28	
.....5	Part	922-00038-006	A1	HDR, STRT, 1X6, .1 PITCH .025-SQ PINS, TIN PLATED	0	1	J17	

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.....6	Doc 924 Transistors	D924-00000	C	SCD, TRANSISTOR, GENERAL SPECIFICATION	0	REF		
.....6	Doc Misc	D924-00038	A	COMPONENT SPECIFICATION, TRANSISTOR, N-CHANNEL-TMOS	0	REF		
.....5	Part	925-00021-001	B1	IC, QUAD OP AMP 3-32V	0	3	U12, U25, U27	LM
.....6	Doc Misc	D925-00021	A	COMPONENT SPECIFICATION, IC, OP AMP, QUAD	0	REF		
.....5	Part	925-00026-001	B1	IC HEX INVRTR CMOS 2-6V	0	1	U34	74
.....6	Doc Misc	D925-00026	A	COMPONENT SPECIFICATION, IC, HEX INVERTER	0	REF		
.....5	Part	925-00031-001	B1	IC, MIROCONTROLLER, 16BIT	0	1	U26	MC
.....6	Doc Misc	D925-00031	A	COMPONENT SPECIFICATION, IC, 16 BIT MICROCONTROLLER	0	REF		
.....5	Part	925-00038-003	A1	IC, CHAN PROTECTOR, OCTAL	0	1	U4	AD
.....6	Doc Misc	D925-00038	A	COMPONENT SPECIFICATION, IC, CHANNEL PROTECTORS, TRIPLE & OCTAL	0	REF		
.....5	Part	925-00040-001	A	IC DRVR/RCVR RS485 5V	0	1	U8	LT
.....5	Part	925-00048-002	A1	IC, RS232 MLT CH, DRVR/RCVR	0	1	U5	MA
.....6	Doc Misc	D925-00048	A	COMPONENT SPECIFICATION, IC, MULTIPLE DRIVER/RECEIVER, RS-232, SMT	0	REF		
.....5	Part	925-00053-001	A	IC V-REF 2.5V SO-8	0	1	U28	LT
.....5	Part	925-00071-002	A	IC, DAC, OCTAL, 10-BIT, SPI	0	1	U24	LT
.....5	Part	925-00076-001	B1	IC, VOLT REG, -5V, 100mA	0	1	U23	MC
.....6	Doc Misc	D925-00076	A	COMPONENT SPEC, REGULATOR, NEGATIVE (-5V) VOLTAGE, LOW CURRENT	0	REF		
.....5	Part	925-00086-001	B2	IC, uPROC RESET CIRCUIT	0	1	U22	MA
.....6	Doc Misc	D925-00086	A	COMPONENT SPECIFICATION, IC, MICROPROCESSOR RESET	0	REF		

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	13.68		
....4	Part	700-00694-006	A1	CABLE ASSY, .085 COAX	15	2	W7, W8	
....5	Doc 700 Cable Assy	D700-00694	F	CABLE ASSY, RF, .085 SEMI RIGID	0	REF		
....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	1	1.20		
....4	Part	700-00694-008	C	CABLE ASSY, .085 COAX	16	1	W9	
....5	Doc 700 Cable Assy	D700-00694	F	CABLE ASSY, RF, .085 SEMI RIGID	0	REF		
....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	1	8.16		
....4	Part	920-00339-007	A	FILTER PLATE, 1x7, 1000pF 90 DEG BOTH SIDES	17	5		
....4	Part	920-00279-015	C1	REGULATOR, VOLT, 15V@3.0A	18	1	U1	
....5	Doc 920 Electronic Component s	D920-00279	A	REGULATOR, VOLTAGE, 3 AMP	0	REF		
....4	Part	920-00203-008	A	REGLTR 3 TRMNL 8V	19	1	U2	
....4	Part	925-00068-001	A1	IC, TEMP SENSOR, -50TO+150C	20	1	U7	
....5	Doc Misc	D925-00068	A	COMPONENT SPECIFICATION, IC, TEMPERATURE SENSOR	0	REF		
....4	Part	C700-101	A	COMPOUND, DC-Z9, HEATSINK	21	1		
....4	Part	C700-102	A	LOCTITE 444	22	1		
....4	Part	C700-100	A	THERMAL BOND KIT 4952	23	1		
....4	Part	121-212	A	WASHER, LKSP, #4, HELICAL, SS	24	43		41
....4	Part	121-116	A	WASHER, FLAT, #4, FLRO	25	41		41

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
....4	Part	120-276	A	SCREW, 4-40 x .250, PFH	26	41		41
....4	Part	120-225	A	SCREW, 4-40 x 1/4, PPH	27	41		41
....4	Part	120-239	A	SCREW, 4-40 x 1/4, SHCS, SS	28	2		RE
....4	Part	700-00697-007	B	CABLE ASSY, RF, MCX BULKHEAD, E1 of 500-01220-XXX (Pilot Mod)	29	1	W5	
.....5	Doc 700 Cable Assy	D700-00697	F	CABLE ASSY, RF, MCX BULKHEAD, .085 SEMI RIGID	0	REF		
.....5	Part	922-00380-001	A	CONN, JACK RECP, PNL MT, MCX .250 PNL (MAX), D-FLAT THREAD FOR USE W/ .086 SR CABLE	1	1		
....4	Part	700-00697-008	B	CABLE ASSY, RF, MCX BULKHEAD, E2 of 500-01193-XXX (Pre Amp)	30	1	W1	
.....5	Doc 700 Cable Assy	D700-00697	F	CABLE ASSY, RF, MCX BULKHEAD, .085 SEMI RIGID	0	REF		
.....5	Part	922-00380-001	A	CONN, JACK RECP, PNL MT, MCX .250 PNL (MAX), D-FLAT THREAD FOR USE W/ .086 SR CABLE	1	1		
....4	Part	700-00697-009	B	CABLE ASSY, RF, MCX BULKHEAD, E4 of 500-01212-XXX (Multifunction)	31	1	W4	
.....5	Doc 700 Cable Assy	D700-00697	F	CABLE ASSY, RF, MCX BULKHEAD, .085 SEMI RIGID	0	REF		
.....5	Part	922-00380-001	A	CONN, JACK RECP, PNL MT, MCX .250 PNL (MAX), D-FLAT THREAD FOR USE W/ .086 SR CABLE	1	1		
....4	Part	700-00697-010	B	CABLE ASSY, RF, MCX BULKHEAD, E1 of 500-01388-XXX (1st Loop Detect)	32	1	W2	
.....5	Doc 700 Cable Assy	D700-00697	F	CABLE ASSY, RF, MCX BULKHEAD, .085 SEMI RIGID	0	REF		

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
....4	Doc 700 Cable Assy	D700-00698	D	CABLE ASSY, MCX, PLUG-PLUG, .085 SEMI RIGID	0		REF	
....4	Part	922-00381-001	A	CONN, STR PLUG, SOLDER, MCX FOR USE W/ .086 SR CABLE	1	2		
....4	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	2.6		
...3	Part	700-00698-002	C	CABLE ASSY, MCX, PLUG-PLUG, .085 SEMI RIGID	6	1	W6	
....4	Doc 700 Cable Assy	D700-00698	D	CABLE ASSY, MCX, PLUG-PLUG, .085 SEMI RIGID	0		REF	
....4	Part	922-00381-001	A	CONN, STR PLUG, SOLDER, MCX FOR USE W/ .086 SR CABLE	1	2		
....4	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	6.2		
...3	Part	700-00698-003	B	CABLE ASSY, LOW POWER SIGNAL, PREAMP	7	1	W7	
....4	Doc 700 Cable Assy	D700-00698	D	CABLE ASSY, MCX, PLUG-PLUG, .085 SEMI RIGID	0		REF	
....4	Part	922-00381-001	A	CONN, STR PLUG, SOLDER, MCX FOR USE W/ .086 SR CABLE	1	2		
....4	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	30		
...3	Part	120-281	A	SCREW, 4-40X.500, SOC CP	8	9		
...3	Part	121-212	A	WASHER, LKSP, #4, HELICAL, SS	9	9		
...3	Part	700-00696-001	C	CABLE ASSY, 2ND DELAY, EXTERNAL	10	1	W8	
....4	Doc 700 Cable Assy	D700-00696	C	CABLE ASSY, 2ND DELAY, EXTERNAL	0		REF	
....4	Part	11683-250	C	CBL .250 EASY BEND	1	113		
....4	Part	922-00480-001	A	CONN, SMA, MALE PLUG, CBL MT DIRECT SOLDER, FOR 1/4-IN S-R COAX	2	2		

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
...3	Part	700-00699-001	C	CABLE ASSY, 1ST LOOP DELAY, EXTERNAL	11	1	W9	
...4	Doc 700 Cable Assy	D700-00699	C	CABLE ASSY, 1ST LOOP DELAY, EXTERNAL	0	REF		
...4	Part	11160-002	B	CONN, SMA, MAL, CBL-MT FOR .085 DIA S-R COAX	1	2		
...4	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	120		
...4	Part	T2217	A	TAPE ALUM HI-TEMP 1 WIDE	3	0		
..2	Part	100-04011-001	B2	BRACKET, FRONT, LOW COST 50 WATT MCPA	2	1		
...3	Doc 100 Fab	D100-04011	B1	BRACKET, FRONT, LOW COST 50 WATT MCPA	0	REF		
..2	Part	100-04012-001	C	SKIN, OUTER, LOW COST 50 WATT MCPA	3	1		
...3	Doc 100 Fab	D100-04012	D	SKIN, OUTER, LOW COST 50 WATT MCPA	0	REF		
..2	Part	100-03614-001	D	SIDE COVER, LOW COST 50 WATT MCPA	4	1		
...3	Doc 100 Fab	D100-03614	D	SIDE COVER, LOW COST 50 WATT MCPA	0	REF		
..2	Part	100-03699-001	C	RAIL, DELRIN, LOW COST 50W MCPA	5	2		
...3	Doc 100 Fab	D100-03699	C	RAIL, DELRIN, LOW COST 50W MCPA	0	REF		
..2	Part	100-1391	E	GUIDE PLATE, FEMALE	7	1		
...3	Doc 100 Fab	D100-1391	E	GUIDE PLATE, FEMALE	0	REF		
..2	Part	100-1390	B	BUSHING BRACKET GUIDE	8	1		
...3	Doc 100 Fab	D100-1390	B	BUSHING BRACKET GUIDE	0	REF		
..2	Part	120-250	A	SCREW, 4-40 x 3/16, PPH, SS	9	2		
..2	Part	121-202	A	WASHER, LKIS, #4, ZINC	10	2		

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
..2	Part	120-243	A	SCREW, 4-40 x.375, PPH	11	2		
..2	Part	120-212	A	SCREW 4 X 3/8 PPH TYPE A	12	2		
..2	Part	121-116	A	WASHER, FLAT, #4, FLRO	13	4		
..2	Part	500-01387-001	B	CCA, LED DISPLAY, SEAHAWK II	14	1	A1	
...3	Doc 300 Schematic	D300-01387	A1	SCHEMATIC, LED DISPLAY, SEAHAWK II	0	REF		
...3	Doc 500 CCA	D500-01387	C	CCA, LED DISPLAY, SEAHAWK II	0	REF		
...3	Part	200-01387-001	A1	PCB, LED DISPLAY, SEAHAWK II	1	1		
....4	Doc 200 PCB Fab	D200-01387	A1	PCB, LED DISPLAY, SEAHAWK II	0	REF		
...3	Part	138-162	A	SWITCH MICROSUBMINI DPDT	2	1	S1	
...3	Part	920-00306-003	A	LED, DUAL COLOR, ORG & GRN	3	1	DS1	
...3	Part	922-00058-006	A	HDR STRT LOCKNG 6POS	4	1	J1	
...3	Part	940-00019-003	A	SPACER, LED, 3-LEAD, .190 BLACK, FOR T1-3/4 (5mm) LED	5	1	X DS1	
..2	Part	120-350	A	SCREW, 6-32 X 5/16, PFH	15	40		
..2	Part	120-235	A	SCREW 4-40X1/4 PFH 100CS	16	8		
..2	Part	120-215	A	SCREW, 4-40 X 3/16, PPH	17	2		
..2	Part	121-212	A	WASHER, LKSP, #4, HELICAL, SS	18	2		
..2	Part	800-01129-001	B	ASSEMBLY, FRONT PANEL LOW COST 50 W MCPA	19	1		
...3	Doc 800 Assembly	D800-01129	B	ASSEMBLY, FRONT PANEL, LOW COST 50 W MCPA	0	REF		
..2	Part	700-00840-001	C	CABLE ASSY, HARNESS, LOW COST 50W MCPA	21	1		

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...3	Doc 700 Cable Assy	D700-00840	C	CABLE ASSY, HARNESS, LOW COST 50W MCPA	0	REF		
...3	Part	922-00022-024	B	CONN, HOUSING, 2x12, .1"PITCH	1	1	P1	
...3	Part	922-00103-001	A	CNTCT CRMP 22-26AWG	2	20		FO
...3	Part	130-724	B	CONN, D-SUB COMB, MAL SOLDER CUP, 17 + 4	3	1	P2	
...3	Part	130-747	A	CNTCT DC MAL 20A 12 AWG	4	2		
...3	Part	132-112	A	LUG RING 12-10 AWG #6	5	1		
...3	Part	115-238	B	WIRE, TEFLON, 24AWG, RED/WHT	7	0		
...3	Part	115-224	A	WIRE, TEFLON, 24AWG, BLK/GRN	8	0		
...3	Part	115-240	A	WIRE, TEFLON, 24AWG, VIO/WHT	9	0		
...3	Part	115-226	A	WIRE, TEFLON, 24AWG, BLK/VIO	10	0		
...3	Part	115-236	A	WIRE, TEFLON, 24AWG, RED/YEL	11	0		
...3	Part	115-222	A	WIRE, TEFLON, 24AWG, BLK/ORG	12	0		
...3	Part	115-242	A	WIRE, TEFLON, 24AWG, WHT/GRY	13	0		
...3	Part	115-230	A	WIRE, TEFLON, 24AWG, BRN/YEL	14	0		
...3	Part	115-229	A	WIRE, TEFLON, 24AWG, BRN/ORG	15	0		
...3	Part	115-212	A	WIRE, TEFLON, 24AWG, BLK	16	0		
...3	Part	115-214	A	WIRE, TEFLON, 24AWG, RED	17	0		
...3	Part	115-217	A	WIRE, TEFLON, 24AWG, GRN	18	0		
...3	Part	115-215	A	WIRE, TEFLON, 24AWG, ORG	19	0		
...3	Part	115-213	A	WIRE, TEFLON, 24AWG, BRN	20	0		

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Part Number G3L-900-50-005
Part Revision B
Part Description MCPA,50W,G3,GSM,900MHz G3 50W,900MHz GSM
 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
...3	Part	115-218	A	WIRE, TEFLON, 24AWG, BLU	21	0		
...3	Part	116-001	D	TUBING, HEATSHRINK, 1/8, BLK	22	0		
...3	Part	116-003	A	SHRINK, TUBING, B2-3/16-0-4	23	0		
...3	Part	700-00556-004	A	CABLE ASSY, RF DSUB TO SMA	24	2		
....4	Doc 700 Cable Assy	D700-00556	D	CABLE ASSY, RF DSUB TO SMA	0	REF		
....4	Part	115-245	A	CABLE, RG-402, CONFORMABLE	1	5.5		
....4	Part	131-642	A	CONT PLUG RF COMBO PK226	2	1	P1	
....4	Part	130-309	A	CONN, SMA, STRT PLUG, CBL MT w/ CENTER CONTACT, FOR .141 S-R COAX	3	1	J1	
...3	Part	922-00059-006	A	CONN HOUSING LOCK 6 POS	25	1	P3	
...3	Part	922-00164-001	A	TERMINAL, CRIMP, 30-22 AWG	26	5		FO
...3	Part	910-00132-320	A	WIRE, TFL, 24 AWG, ORN/RED	27	0		
...3	Part	910-00132-620	A	WIRE, TFL, 24 AWG, BLU/RED	28	0		
...3	Part	115-199	A	WIRE, TEFLON, 12AWG, RED	29	0		
...3	Part	115-198	A	WIRE, TEFLON, 12AWG, BLK	30	0		
...3	Part	133-205	A	TIE WRAP, CABLE, BLK, 4INCH	31	6		
...3	Part	131-239	A1	RING COAX STABILIZING	32	2		
...3	Part	131-240	A	RING STABILIZING DC-CONT	33	2		
...3	Part	100-1390	B	BUSHING BRACKET GUIDE	34	2		
....4	Doc 100 Fab	D100-1390	B	BUSHING BRACKET GUIDE	0	REF		
...3	Part	121-132	A	WASHER, FLAT, #8 LT WT	35	2		

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 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
...3	Part	100-1391	E	GUIDE PLATE, FEMALE	36	1		
...4	Doc 100 Fab	D100-1391	E	GUIDE PLATE, FEMALE	0	REF		
...3	Part	120-250	A	SCREW, 4-40 x 3/16, PPH, SS	37	2		
...3	Part	121-212	A	WASHER, LKSP, #4, HELICAL, SS	38	2		
...3	Part	121-116	A	WASHER, FLAT, #4, FLRO	39	2		
...3	Part	910-00132-350	A	WIRE, TFL, 24 AWG, ORN/GRN	43	0		
...3	Part	910-00132-640	A	WIRE, TFL, 24 AWG, BLU/YEL	44	0		
..2	Part	700-00931-001	A	CABLE ASSY, RF OUTPUT MCX TO SMA	22	1		
...3	Doc 700 Cable Assy	D700-00931	A	CABLE ASSY, RF OUTPUT MCX TO SMA	0	REF		
...3	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	1	0		
...3	Part	922-00119-002	A	CONN, MCX, DIRECT SOLDER PLUG FOR .085 SEMI-RIGID COAX	2	1		
..2	Part	130-321	C	CONN, SMA, 2-HOLE FLANGE MT CABLE JACK, .086 SR COAX	23	1		Us

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Part Revision B
Part Description MCPA,50W,G3,GSM,900MHz G3 50W,900MHz GSM Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
0	Part Model Number	G3L-900-50-005		MCPA, 50W, G3, GSM, 900MHz G3 50W, 900MHz GSM Multi-Channel Amplifier w/ PWAV front panel				
.1	Part	800-01127-001	E	TOP ASSEMBLY, LOW COST 50 W MCPA	0	1		
.2	Doc 800 Assembly	D800-01127	C	TOP ASSEMBLY, LOW COST 50 W MCPA	0	REF		
.2	Part	800-01128-001	C	ASSEMBLY, RF AND DIGITAL, LOW COST 50 W MCPA	1	1		
...3	Doc 800 Assembly	D800-01128	C	ASSEMBLY, RF AND DIGITAL, LOW COST 50W MCPA	0	REF		
...3	Part	800-01130-001	H	ASSEMBLY, RF MODULE LOW COST 50 W MCPA	1	1		
....4	Part	100-04181-001	A	HEATSINK, PRESS FIT FINS, LOW COST 50W MCPA, LOW COST 50W MCPA	0	0		MA 03
....5	Doc 100 Fab	D100-04181	A	HEATSINK, PRESS FIT FINS, LOW COST 50W MCPA	0	REF		
....4	Doc 800 Assembly	D800-01130	H	ASSEMBLY, RF MODULE, LOW COST 50 W MCPA	0	REF		
....4	Part	100-03433-002	D1	HEATSINK, EPOXY BONDED FINS, LOW COST 50W MCPA	1	1		
....5	Doc 100 Fab	D100-03433	G	HEATSINK, EPOXY BONDED FINS, LOW COST 50W MCPA	0	REF		
....4	Part	100-04061-001	D	WALLS, RF, SEAHAWK II	2	1		
....5	Doc 100 Fab	D100-04061	E	WALLS, RF, SEAHAWK II	0	REF		
....4	Part	100-03514-001	D	COVER, RF SECTION 50W LOW COST MCPA	3	1		
....5	Doc 100 Fab	D100-03514	D	COVER, RF SECTION, 50W LOW COST MCPA	0	REF		
....4	Part	500-01170-002	C1	CCA, PRE-AMP, SEAHAWK II	4	1	A1	
....5	Doc 300 Schematic	D300-01170	C	SCHEMATIC, PRE-AMP, SEAHAWK II	0	REF		
....5	Doc 500 CCA	D500-01170	D	CCA, PRE-AMP, SEAHAWK II	0	REF		

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
.....6	Doc Misc	D05861	A	DIODE, VARACTOR, COMPONENT SPEC.	0		REF	
.....5	Part	923-00032-103	A	RES, VAR, MULTI TURN, 4mm	19	1	R8	
.....5	Part	157-116	A	RES, S, 330, 0805, 5%, .1W	20	1	R21	
.....5	Part	923-00022-561	A	RES, S, 560, 0805, 5%, 1/10W	21	2	R18, R24	
.....5	Part	923-00022-681	A	RES, S, 680, 0805, 5%, 1/10W	22	1	R20	
.....5	Part	03003-102	C	RES, S, 1K, 1206, 5%, .125W	24	4	R7, R9, R12, R13	
.....5	Part	923-00024-162	B	RES, S, 1.6K, 1206, 5%, 1/8W	25	2	R19, R22	
.....5	Part	157-213	B	RES, S, 5.6, 1206, 5%, .25W	27	1	R23	
.....5	Part	03003-822	C	RES, S, 8.2k, 1206, 5%, 1/8W	28	4	R6, R10, R11, R16	
.....5	Part	03003-180	B	RES, S, 18, 1206, 5%, .125W	29	3	R2, R15, R26	
.....5	Part	03003-510	B	RES, S, 51, 1206, 5%, 1/8W	31	2	R5, R25	
.....5	Part	03003-301	B	RES, S, 300, 1206, 5%, .125W	33	6	R1, R3, R4, R14, R17, R27	
.....5	Part	922-00144-105	A	HDR, ELEV, SHRD, 1X5, .1 PITCH 10 MIC GOLD-PLATED CONTACTS, TIN-PLATED TAILS	34	1	J1	
.....4	Part	500-01183-001	A2	CCA, DRIVER ERROR	5	2	A2, A5	
.....5	Doc 300 Schematic	D300-01183	A1	SCHEMATIC, DRIVER ERROR	0		REF	
.....5	Doc 500 CCA	D500-01183	A1	CCA, DRIVER ERROR	0		REF	
.....5	Part	200-01183-001	A1	PCB, DRIVER ERROR	1	1		
.....6	Doc 200 PCB Fab	D200-01183	A1	PCB, DRIVER ERROR	0		REF	
.....5	Part	170-036	A	CAP, Ta.10uF, 50V, 20%	2	3	C5, C6, C25	

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Part Description MCPA,50W,G3,GSM,900MHz G3 50W,900MHz GSM
 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
.....5	Part	921-00015-001	B	CAP TRIM .6pF-4.5pF 500V	24	4	C8, C11, C12, C18	
.....5	Part	170-037	A	CAP TAN 10uF 35V	25	1	C27	
.....5	Part	157-101	A	RES, S, 220, 0805, 1/10W, 5%	26	1	R9	
.....5	Part	170-047	A	INDUCTOR, SMD, 43MAT	27	1	FB2	
....4	Part	500-01168-001	C1	CCA, MAIN AMP, SEAHAWK II	6	1	A3	
.....5	Doc 300 Schematic	D300-01168	C	SCHEMATIC, MAIN AMP, SEAHAWK II	0	REF		
.....5	Doc 500 CCA	D500-01168	C	CCA, MAIN AMP, SEAHAWK II	0	REF		
.....5	Part	200-01168-001	C	PCB, MAIN AMP, SEAHAWK II	1	1		
.....6	Doc 200 PCB Fab	D200-01168	C	PCB, MAIN AMP, SEAHAWK II	0	REF		
.....5	Part	170-037	A	CAP TAN 10uF 35V	2	15	C1, C13, C27, C28, C37, C52, C53, C67, C76, C77, C86, C101, C102, C116, C126	
.....5	Part	170-036	A	CAP, Ta.10uF, 50V, 20%	3	10	C6, C22, C33, C47, C58, C72, C81, C96, C107, C122	
.....5	Part	03016-470	A	CAP S 47pF A-SIZE 150V	4	10	C7, C21, C35, C46, C59, C70, C84, C95, C108, C119	
.....5	Part	161-137	B	CAP, NP0, 1000pF, 1206, 100V, 10%	5	20	C2, C3, C23, C26, C29, C32, C48, C51, C54, C57, C71, C75, C80, C82, C99, C100, C103, C106, C121, C125	
.....5	Part	03024-103	B	CAP, X7R, .01uF, 1210, 100V, 10%	6	12	C4, C11, C24, C31, C50, C55, C73, C78, C97, C104, C115, C123	

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 Part Description MCPA,50W,G3,GSM,900MHz G3 50W,900MHz GSM
 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
.....6	Doc Misc	D920-00260	A	COMPONENT SPECIFICATION, 90 DEGREE HYBRID COUPLER, 100W, SMT	0	REF		
.....5	Part	920-00259-001	A1	COUPLER, 815-960 MHz, 200W 90-DEG HYBRID, SMT	22	1	CP3	
.....6	Doc Misc	D920-00259	A	COMPONENT SPECIFICATION, COUPLER, RF, 200 WATTS, SMT	0	REF		
.....5	Part	920-00312-002	C1	COUPLER, HYBRID, 815-960MHz 3dB, 150W	23	3	CP2, CP4, CP7	
.....6	Doc Misc	D920-00312	A	COMPONENT SPEC, COUPLER, RF	0	REF		
.....5	Part	920-00193-005	B	COUPLER, DIR, 30DB, 869-894M 150W, SMT	24	2	CP5, CP8	
.....5	Part	170-047	A	INDUCTOR, SMD, 43MAT	25	8	FB1-FB8	
.....5	Part	161-148	C	CAP, 2.0pF, 1111, 500V, 0.1pF, HI-Q, HI-PWR, PRECISION PORCELAIN	26	5	C130, C134, C138, C142, C146	Pa
.....5	Part	161-015	B	CAP, S, 3.3pF, 500V	27	5	C147-C151	
....4	Part	500-01184-002	B	CCA, SEAHAWK II, PRE-ERROR	7	1	A4	
.....5	Doc 300 Schematic	D300-01184	C	SCHEMATIC, SEAHAWK II, PRE-ERROR	0	REF		
.....5	Doc 500 CCA	D500-01184	D	CCA, SEAHAWK II, PRE-ERROR	0	REF		
.....5	Part	200-01184-002	B	PCB, SEAHAWK II, PRE-ERROR	1	1		
.....6	Doc 200 PCB Fab	D200-01184	C	PCB, SEAHAWK II, PRE-ERROR	0	REF		
.....5	Part	03003-039	A	RES, S, 3.9, 1206, 5%, .125W	2	1	R38	
.....5	Part	03003-102	C	RES, S, 1K, 1206, 5%, .125W	3	4	R11, R12, R26, R27	
.....5	Part	03003-180	B	RES, S, 18, 1206, 5%, .125W	4	5	R3, R5, R17, R18, R35	
.....5	Part	03003-201	B	RES, S, 200, 1206, 5%, 1/8W	5	2	R21, R23	
.....5	Part	03003-270	B	RES, S, 27, 1206, 5%, 1/8W	6	1	R22	

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 Multi-Channel Amplifier w/ PWAV front panel

Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
.....5	Part	920-00314-001	B	IC, AMPL, 250-3000MHz, 12dB 21dBm, SOT-89	24	1	U3	
.....5	Part	920-00314-002	A	AMPLIFIER, 250-3000MHz	25	2	U1, U2	
.....5	Part	921-00075-331	A	CAP, ATC, 330pF, B, 200V, 10%	26	1	C12	
.....5	Part	921-00101-226	C	CAP TAN 22uF 3528 10V	27	5	C4, C5, C25, C27, C29	
.....5	Part	922-00144-105	A	HDR, ELEV, SHRD, 1X5, .1 PITCH 10 MIC GOLD-PLATED CONTACTS, TIN-PLATED TAILS	28	1	J1	
.....5	Part	923-00022-162	A	RES, S, 1.6K, 0805, 5%, 1/10W	29	2	R29, R33	
.....5	Part	923-00022-561	A	RES, S, 560, 0805, 5%, 1/10W	30	2	R28, R34	
.....5	Part	923-00022-681	A	RES, S, 680, 0805, 5%, 1/10W	31	1	R32	
.....5	Part	923-00032-103	A	RES, VAR, MULTI TURN, 4mm	32	1	R9	
.....5	Part	926-00022-001	A1	DIODE, PIN, RF ATTN, 50-OHM COMMON CATHODE, SOT-23	33	2	CR9, CR10	
.....5	Part	928-00030-100	A	INDUCTOR, S, 10NH, 0805, 5%, THIN FILM	34	2	L7, L10	
.....5	Part	928-00030-120	A	INDUCTOR, S, 12NH, 0805, 5%, THIN FILM	35	1	L1	
.....5	Part	928-00030-470	B	INDUCTOR, S, 47NH, 0805, 5%, THIN FILM	36	3	L2, L8, L9	
....4	Part	500-01167-001	B	CCA, ERROR FINAL AMP	8	1	A6	
.....5	Doc 300 Schematic	D300-01167	C	SCHEMATIC, ERROR FINAL AMP	0	REF		
.....5	Doc 500 CCA	D500-01167	B	CCA, ERROR FINAL AMP	0	REF		
.....5	Part	200-01167-001	B	PCB, ERROR FINAL AMP	1	1		
.....6	Doc 200 PCB Fab	D200-01167	B	PCB, ERROR FINAL AMP	0	1		
.....5	Part	170-037	A	CAP TAN 10uF 35V	2	5	C1, C4, C9, C22, C23	

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
....4	Part	500-01185-003	A	CCA, OUTPUT, 50W AMPLIFIER	10	1	A8	
....5	Part	200-01185-003	A	PCB, OUTPUT, 50W AMPLIFIER	0	1		
.....6	Doc 200 PCB Fab	D200-01185	C	PCB, OUTPUT 50W AMPLIFIER	0	REF		
....5	Part	195-235	B1	COUPLER, DIRECTIONAL, 20DB	2	1	CP1	
.....6	Doc Misc	D195-235	A1	COMPONENT SPEC, COUPLER, DIRECTIONAL, 20 DB	0	REF		
....5	Part	921-00051-103	B	CAP, S, 0.01uF, 1206, 50V, 10%	3	3	C1-C3	
....5	Part	920-00212-001	B1	DIODE, SCHOTTKY, RF	4	1	CR1	
.....6	Doc 920 Electronic Components	D920-00212	A	DIODE, SCHOTTKY, SMT	0	REF		
....5	Part	03003-332	B	RES, S, 3.3K, 1206, 5%, .125W	5	1	R5	
....5	Part	03003-510	B	RES, S, 51, 1206, 5%, 1/8W	6	5	R2-R4, R6, R7	
....5	Part	03003-821	C	RES, S, 820, 1206, 5%, 1/8W	8	1	R1	
....5	Part	922-00144-105	A	HDR, ELEV, SHRD, 1X5, .1 PITCH 10 MIC GOLD- PLATED CONTACTS, TIN-PLATED TAILS	9	1	J1	
....4	Part	924-00029-001	C1	XSTR, MRF186, 110W, 28V	11	6		
....5	Doc 924 Transistors	D924-00000	C	SCD, TRANSISTOR, GENERAL SPECIFICATION	0	REF		
....5	Doc 924 Transistors	D924-00029	B	TRANS, MRF186, 110W, 28V	0	REF		
....4	Part	924-00028-001	B	XSTR, MRF184, 60W, 28V, 1GHz	12	2		
....5	Doc 924 Transistors	D924-00000	C	SCD, TRANSISTOR, GENERAL SPECIFICATION	0	REF		

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Level	Part Type	Item Number	Rev	Part Description	Find Num	Qty	Ref Des	No
....5	Doc 924 Transistors	D924-00028	B	TRANS, MRF184, 60W, 28V, 1GHz	0	REF		
....4	Part	158-052	A	RES, TERMN, 50 OHM, 50W	13	2		
....4	Part	923-00072-501	A	RES, T, 50, 5%, 20W	14	3		
....4	Part	925-00058-001	B1	IC AMP HBRD 800-960MHz	15	2		
....5	Doc Misc	D925-00058	A	COMPONENT SPECIFICATION, IC, RF LINEAR AMPLIFIER, 30 DB	0	REF		
....4	Part	920-00295-002	A1	ISOLATOR, DROP-IN, 869-894 110W (REV PWR)	16	1		
....5	Doc Misc	D920-00295	B	COMPONENT SPECIFICATION, ISOLATOR, DROP- IN, MICROWAVE	0	REF		
....4	Part	165-001	C	FILTER, LOW-PASS, BOLT-IN, 1000PF, 8/32 RESIN- SEALED	17	2		
....4	Part	700-00697-001	C	CABLE ASSY, RF, MCX BULKHEAD, E3 of 500- 01184-XXX (Pre Error)	18	1	W1	
....5	Doc 700 Cable Assy	D700-00697	F	CABLE ASSY, RF, MCX BULKHEAD, .085 SEMI RIGID	0	REF		
....5	Part	922-00380-001	A	CONN, JACK RECP, PNL MT, MCX .250 PNL (MAX), D-FLAT THREAD FOR USE W/ .086 SR CABLE	1	1		
....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	3.96		
....4	Part	700-00697-002	D	CABLE ASSY, RF, MCX BULKHEAD, E4 of 500- 01170-XXX (Pre Amp)	19	1	W2	
....5	Doc 700 Cable Assy	D700-00697	F	CABLE ASSY, RF, MCX BULKHEAD, .085 SEMI RIGID	0	REF		
....5	Part	922-00380-001	A	CONN, JACK RECP, PNL MT, MCX .250 PNL (MAX), D-FLAT THREAD FOR USE W/ .086 SR CABLE	1	1		
....5	Part	115-149	C	COAX, SEMI-RIGID, EASY FLEX CABLE	2	2.370		

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