

8-1. Replaceable Parts Service

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MODULE PART NUMBERS				
DRIVER Modules	992-8964-XXX	where XXX for CH2 = 002	where XXX for E2 = 102	where XXX for A2 = 202
PA Modules				
1/4 MODULES HB & LB	992-8960-XXX	where XXX for CH2 = 002	where XXX for E2 = 102	where XXX for A2 = 202

MODULE PART NUMBERS Examples

Insert the last 3 digits, SXX, where S is system, 0 for system M, 1 for system E and 2 for for system A. Follow with the channel number XX.

Examples:	System M Ch. 2	E12 is -112	A10 is -210
Driver Modules	992-8964-002	992-8964-112	992-8964-210
1/4 Modules	992-8960-002	992-8960-112	992-8960-210
525W Driver/PA	992-8965-002	992-8965-112	992-8965-210
Power Amplifier	992-8969-002	992-8969-112	992-8969-210

Table 8-1. MODULE, RF, BASIC PA, LB1 - 992 8966 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
007 4060 079	BRZ, FGR STK 97-606-02 . . . . .	.32	* 0.313 OF 16" = 5" 2 PIECES 2.5" REQ FOR LOGIC COVER
054 0014 103	CARTON, SHIPPING	1	
054 0014 107	INSERT, FOAM PACKAGING	1	ST
252 0420 000	WIRE, RIBBON 5 X 100 MIL . . . . .	.4	FT #TO/FROM 1/4 MODS
252 0423 000	TEFLON INSULATED HOOK-UP	2	FT
302 0052 000	SCR, 4-40 X 1/4	11	6#LOGIC PWB, 2# LOGIC REG, 3# LOGIC CHASSIS
302 0053 000	SCR, 4-40 X 5/16	3	3# DUMP LOADS
302 0054 000	SCR, 4-40 X 3/8	4	4# CABLE CLAMPS
302 0058 000	SCR, 4-40 X 3/4	4	2# PASS FETS 2# BUSS BARS
302 0106 000	SCR, 6-32 X 3/8	2	2# OUTPUT COUPLER
302 0108 000	SCR, 6-32 X 1/2	10	2#I/O CONNECTOR 8# COVER
302 0364 000	SCR, 4-40 X 3/16	6	6# CHASSIS COVER
302 0380 000	SCR, 6-32 X 5/16	11	#FRONT PANEL
302 0401 000	SCR, 4-40 X 1/4	6	6# DUMP LOADS
306 0003 000	NUT, HEX 4-40	10	2 PASS FET 2 BUSS BAR
306 0004 000	NUT, HEX 6-32	4	2# CLAMP PASS FETS 4# DC FEED CLAMPS
306 0071 000	NUT, HEX #6-32 UNDERSIZE	16	1# GRD WIRES, 1# COUPLER, 2# LOGIC CHASSIS
306 0072 000	NUT, HEX #4-40 UNDERSIZE	3	16# QTR MOD MTG
310 0003 000	WASHER, FLAT NO. 4	18	3# RF LOADS
310 0012 000	WASHER FLAT 6	30	2# CLAMP PASS FETS, 4# PASS FETS, 6# LOGIC, 2# REG, 4 CLAMP STANDOFFS
310 0017 000	WASHER FLAT #6	7	2# MAIN CONNECTOR, #5 - 2 X 2 COMBINER
312 0006 000	WASHER, INT LOCK 8	5	#5 - 2 X 2 DIVIDER, #5 - 2-WAY COMBINER
314 0003 000	WASHER, SPLIT-LOCK 4	21	#5 - 2-WAY DIVIDER, 8# COVER
314 0005 000	WASHER, SPLIT-LOCK 6	44	2# LOGIC CHASSIS, 5# COUPLER
314 0037 000	WASHER, SPLIT-LOCK 4 SS	9	#508-0560-000
336 1239 000	SCREW 6-32 X 3/8	12	#9 LOAD RESISTORS
344 0009 000	SCREW, SET 8-32 X 3/16	2	5# 2 X 2 DIVIDER 5# 2 X 2 COMBINER
350 0105 000	RIVET 3/16 ALUM .126/.25	4	2# COUPLER
350 0155 000	RIVET POP .156 X .392	10	#EXT/FLAPPER
354 0386 000	TERM, LOCKING #10 RING	1	4# FRONT PANEL
356 0235 000	CABLE TIE 0.75" DIA.	20	5# DIVIDER PWB 5# COMBINER PWB
356 0237 000	CLAMP CABLE 1/4" DIA	1	#FRONT PANEL GND
356 0241 000	CABLE CLAMP TIE	6	#TAPE SWITCH
358 1214 000	SCREWLOCK, FEMALE	1	* FILTERED D
380 0715 000	XSTR MOSFET IXTH67N10 ESD	2	Q001 Q002
384 0831 000	LED LIGHT BAR MOUNT	2	
386 0438 000	ZENER, 1N5243, 13V 0.5W	1	#BUSS BAR CR001
410 0335 000	INSULATOR SCREW	1	#A2U011
410 0413 000	INSULATOR PAD FOR TO-247	3	#A2U011, 2# PASS FETS
410 0414 000	THERMAL PAD 1.000 X .800	2	
414 0292 000	CORE, BALUN 2500 PERM	4	L014 L015 L016 L017
424 0013 000	GROMMET .381 MTG DIA	1	
424 0598 000	BUSHING, SPLIT, GUIDE PIN	2	
508 0560 000	CAP, FEEDTHRU 1000PF	5	C001 C002 C003 C004 C005
508 0561 000	EMI FILTER FEEDTHRU	2	FL001 FL002
516 0417 000	CAP 1000PF 10% 200V	2	2# BUSS BAR C023 C028

516 0831 000 . CAP 0.010UF 10% 100V	4 . . .	4# BUSS BAR, C024, C025,C026, C027
519 0011 000 . CAP RF CHIP 2.4PF 500V	1 . . .	A5A1C003
540 0858 000 . RES 5.6 OHM 1/4W 5%	2 . . .	#PASS FET, R001, R002
544 1654 000 . RES 100 OHM 250W 5%	3 . . .	A5R001 A6R001 A6R002
544 1660 000 . RES 100 OHM 20W 5%	3 . . .	A4R001 A4R002 A3R001
610 1222 000 . PLUG/RECP, D, 25 PIN	1 . . .	
646 0665 000 . INSPECTION LABEL	1 . . .	
646 1519 000 . LABEL, RF RADIATION WARN	1 . . .	
843 4999 528 . PWB, PASS FET GATE BIAS	1 . . .	
843 4999 637 . SCH, PA MODULE	0 . . .	
843 4999 644 . FAMILY TREE, LB, PA MOD,	0 . . .	
917 2100 146 . TAPE SWITCH ASSY	1 . . .	
917 2100 386 . CABLE, LED BOARD	1 . . .	
917 2100 627 . CABLE ASSEMBLY, DC FEED	1 . . .	
917 2100 747 . MAIN I/O CONN ASSY	1 . . .	
939 7900 054 . EXTRUSION, FLAPPER	1 . . .	
943 4999 084 . MODULE FACE EXTRUSION	1 . . .	
943 4999 454 . MODULE FRONT PANEL	1 . . .	
943 4999 456 . MODULE COVER	1 . . .	
943 4999 518 . BUSS BAR, DC (VERTICAL)	2 . . .	
943 4999 526 . INSULATOR, BUSS BAR	3 . . .	
943 4999 585 . ANGLE, HEATSINK MOUNTING	2 . . .	
943 4999 650 . CHASSIS, MODULE	1 . . .	
943 4999 651 . LOGIC CHASSIS	1 . . .	
943 4999 652 . LOGIC COVER	1 . . .	
943 4999 653 . CABLE, MODULE, MAIN	1 . . .	
943 5140 015 . SPACER, INSULATOR	2 . . .	#BUSS BAR
992 8023 001 . PWA, LED BOARD	1 . . .	A007
992 8127 002 . PWA, LOGIC/CONTROL BD	1 . . .	A002
992 8557 102 . DIVIDER, 2-WAY, LB1	1 . . .	A003
992 8558 102 . COMB, LB1, 2 X 2 WAY	1 . . .	A006
992 8559 102 . COMB, LB1, 2-WAY	1 . . .	A005
992 8560 102 . DIVIDER, LB1, 2 X 2 WAY	1 . . .	A004
992 8976 001 . COUPLER ASSY, LB MODULE	1 . . .	A001, NEED NEW NO. L.W.
992 9018 001 . RF PLUG ASSY	1 . . .	J001

Table 8-2. MODULE, DRIVER BASIC LB1, - 992 8961 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
007 4060 079 .	BRZ, FGR STK 97-606-02 . . . . .	.32 .	* 0.313 OF 16" = 5" 2 PIECES 2.5" REQ FOR LOGIC COVER
054 0014 103 .	CARTON, SHIPPING	1 . . .	
054 0014 107 .	INSERT, FOAM PACKAGING	1 . . . ST	
086 0004 056 .	SOLDER, SN96/AG4	0 . . .	#OUTPUT CABLES
252 0420 000 .	WIRE, RIBBON 5 X 100 MIL . . . . .	.4 . . FT	FT #TO/FROM 1/4 MODS
252 0423 000 .	TEFLON INSULATED HOOK-UP	2 . . . FT	
254 0005 000 .	WIRE, BUS CU 14AWG . . . . .	.033 FT	
302 0052 000 .	SCR, 4-40 X 1/4	11 . .	6# LOGIC PWB, 2# LOGIC REG, 3# LOGIC CHASSIS
302 0053 000 .	SCR, 4-40 X 5/16	3 . . .	6#A2 3# LOAD RES
302 0054 000 .	SCR, 4-40 X 3/8	3 . . .	3# CABLE CLAMPS
302 0058 000 .	SCR, 4-40 X 3/4	4 . . .	2# PASS FETS, 2# BUSS BARS
302 0106 000 .	SCR, 6-32 X 3/8	2 . . .	2# OUTPUT COUPLER
302 0108 000 .	SCR, 6-32 X 1/2	10 . .	2#I/O CONNECTOR 8# COVER
302 0364 000 .	SCR, 4-40 X 3/16	6 . . .	6# CHASSIS COVER
302 0380 000 .	SCR, 6-32 X 5/16	11 . .	#FRONT PANEL

302 0401 000 . SCR, 4-40 X 1/4	1 . .	1# ATTEN
306 0003 000 . NUT, HEX 4-40	9 . .	2# PASS FET 2# BUSS BAR
306 0004 000 . NUT, HEX 6-32	4 . .	3# DC FEED CLAMPS 2# CLAMP PASS FETS
306 0071 000 . NUT, HEX #6-32 UNDERSIZE	16 . .	1# GRD WIRES, 2# LOGIC CHASSIS, 1# COUPLER
306 0072 000 . NUT, HEX #4-40 UNDERSIZE	3 . .	16# QTR MOD MTG
310 0003 000 . WASHER, FLAT NO. 4	17 . .	3# RF LOADS
310 0012 000 . WASHER FLAT 6	30 . .	2# CLAMPS PASS FETS, 4# PASS FETS, 6# LOGIC,
310 0017 000 . WASHER FLAT #6	7 . .	2# REG, 3# CLAMPS STANDOFFS
312 0006 000 . WASHER, INT LOCK 8	5 . .	2# MAIN CONNECTOR, 8# COVER, 20# PWB
314 0003 000 . WASHER, SPLIT-LOCK 4	20 . .	2# LOGIC CHASSIS 5# COUPLER
314 0005 000 . WASHER, SPLIT-LOCK 6	44 . .	#508-0560-000
314 0037 000 . WASHER, SPLIT-LOCK 4 SS	4 . .	3# RF LOADS 1# ATTEN
336 1239 000 . SCREW 6-32 X 3/8	12 . .	5# 2 X 2 DIVIDER 5# 2 X 2 COMBINER
344 0009 000 . SCREW, SET 8-32 X 3/16	2 . .	2# COUPLER
350 0105 000 . RIVET 3/16 ALUM .126/.25	4 . .	4# FRONT PANEL
350 0155 000 . RIVET POP .156 X .392	10 . .	5# DIVIDER PWB 5# COMBINER PWB
354 0386 000 . TERM, LOCKING #10 RING	1 . .	
356 0235 000 . CABLE TIE 0.75" DIA.	15 . .	
356 0237 000 . CLAMP CABLE 1/4" DIA	1 . .	
356 0241 000 . CABLE CLAMP TIE	5 . .	
358 1214 000 . SCREWLOCK, FEMALE	1 . .	* FILTERED D
358 3322 000 . PLUG BUTTON, 0.50" HOLE	1 . .	
380 0715 000 . XSTR MOSFET IXTH67N10 ESD	2 . .	Q001 Q002
384 0831 000 . LED LIGHT BAR MOUNT	2 . .	
386 0438 000 . ZENER, 1N5243, 13V 0.5W	1 . .	#BUSS BAR CR001
410 0335 000 . INSULATOR SCREW	1 . .	#A2U011
410 0413 000 . INSULATOR PAD FOR TO-247	3 . .	#A2U011, 2# PASS FETS
410 0414 000 . THERMAL PAD 1.000 X .800	2 . .	
414 0292 000 . CORE, BALUN 2500 PERM	4 . .	L014 L015 L016 L017
424 0013 000 . GROMMET .381 MTG DIA	1 . .	
424 0598 000 . BUSHING, SPLIT, GUIDE PIN	1 . .	
508 0560 000 . CAP, FEEDTHRU 1000PF	5 . .	C001 C002 C003 C004 C005
508 0561 000 . EMI FILTER FEEDTHRU	2 . .	FL001 FL002
516 0417 000 . CAP 1000PF 10% 200V	2 . .	2# BUSS BAR C023 C028
516 0831 000 . CAP 0.010UF 10% 100V	4 . .	4# BUSS BAR, C024 C025 C026
519 0011 000 . CAP RF CHIP 2.4PF 500V	1 . .	C027
540 0858 000 . RES 5.6 OHM 1/4W 5%	2 . .	A5A1C003
544 1654 000 . RES 100 OHM 250W 5%	1 . .	#PASS FET, R001, R002
544 1660 000 . RES 100 OHM 20W 5%	1 . .	A5R001
556 0126 200 . ATTEN 2.00 DB 30W INPUT	1 . .	A3R001
610 1222 000 . PLUG/RECP, D, 25 PIN	1 . .	AT001
646 0665 000 . INSPECTION LABEL	1 . .	
646 1519 000 . LABEL, RF RADIATION WARN	1 . .	
843 4999 528 . PWB, PASS FET GATE BIAS	1 . .	
843 4999 638 . SCH, LB DRIVER MODULE	0 . .	
843 4999 645 . FAMILY TREE, LB DRIVER,	0 . .	
917 2100 146 . TAPE SWITCH ASSY	1 . .	
917 2100 386 . CABLE, LED BOARD	1 . .	
917 2100 627 . CABLE ASSEMBLY, DC FEED	1 . .	
917 2100 631 . COAX TRIM, 12.5"	1 . .	TL004
917 2100 633 . COAX TRIM, 3.5"	1 . .	TL007

917 2100 635 . COAX TRIM, 48.5"	1 . . .	TL005
917 2100 637 . COAX TRIM, 39"	1 . . .	TL006
917 2100 747 . MAIN I/O CONN ASSY	1 . . .	
939 7900 054 . EXTRUSION, FLAPPER	1 . . .	
943 4999 084 . MODULE FACE EXTRUSION	1 . . .	
943 4999 454 . MODULE FRONT PANEL	1 . . .	
943 4999 456 . MODULE COVER	1 . . .	
943 4999 518 . BUSS BAR, DC (VERTICAL)	2 . . .	
943 4999 526 . INSULATOR, BUSS BAR	3 . . .	
943 4999 585 . ANGLE, HEATSINK MOUNTING	2 . . .	
943 4999 650 . CHASSIS, MODULE	1 . . .	
943 4999 651 . LOGIC CHASSIS	1 . . .	
943 4999 652 . LOGIC COVER	1 . . .	
943 4999 653 . CABLE, MODULE, MAIN	1 . . .	
943 5140 015 . SPACER, INSULATOR	2 . . .	#BUSS BAR
943 5140 022 . COVER, 1/4 MODULE, DRIVER	1 . . .	
992 8023 001 . PWA, LED BOARD	1 . . .	A007
992 8127 002 . PWA, LOGIC/CONTROL BD	1 . . .	A002
992 8557 102 . DIVIDER, 2-WAY, LB1	1 . . .	A003
992 8559 102 . COMB, LB1, 2-WAY	1 . . .	A005
992 8568 001 . DIVIDER, LB, RF INTRA-	1 . . .	A004
992 8568 002 . COMB, LB, RF INTRACONNECT	1 . . .	A006
992 8976 001 . COUPLER ASSY, LB MODULE	1 . . .	A001
992 9018 001 . RF PLUG ASSY	1 . . .	J001

Table 8-3. MOD, 1/4, BASIC, LB, - 992 8958 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
055 0190 009 .	* COATING 3140 RTV	0 . . .	#T009
086 0001 010 .	* SEALANT GLYPTOL	0 . . . QT	
086 0004 055 .	SOLDER, SN62/PB36/AG2	0 . . .	#CHIP CAPS
302 0052 000 .	SCR, 4-40 X 1/4	8 . . .	#MTG PWB
302 0053 000 .	SCR, 4-40 X 5/16	2 . . .	#ANGLE MOUNTING
302 0132 000 .	SCR, 8-32 X 5/8	2 . . .	#Q001/Q002, Q003/Q004
302 0401 000 .	SCR, 4-40 X 1/4	3 . . .	#R005 #R015 #RT001
310 0006 000 .	WASHER FLAT 8	2 . . .	#Q001/Q002, #Q003/Q004
310 0016 000 .	WASHER FLAT #4	1 . . .	#RT001
310 0048 000 .	WASHER, FLAT #4 UNDERSIZE	8 . . .	#MTG PWB
314 0003 000 .	WASHER, SPLIT-LOCK 4	10 . . .	#MTG PWB, #ANGLES
314 0006 000 .	WASHER, SPLIT-LOCK 8	2 . . .	#Q001/Q002, #Q003/Q004
314 0037 000 .	WASHER, SPLIT-LOCK 4 SS	3 . . .	#R005 #R015 #RT001
356 0235 000 .	CABLE TIE 0.75" DIA.	16 . . .	
358 3435 000 .	LEVELER, RF FET	4 . . .	#Q001 Q002 Q003 Q004
358 3436 000 .	SPACER, 0.305" LONG	2 . . .	#Q001/Q002, Q003/Q004
358 3438 000 .	SPRING, LEAF	2 . . .	#Q001/Q002, Q003/Q004
404 0818 000 .	HEATSINK, 1/4 MODULE	1 . . .	
414 0286 000 .	TOROID FERRITE	10 . . .	
414 0287 000 .	TOROID FERRITE	20 . . .	
646 0665 000 .	INSPECTION LABEL	1 . . .	
700 1252 000 .	RES 200 OHM 10W 5%	2 . . .	R005 R015
839 7900 701 .	SCH, LB 1/4 MODULE	0 . . .	
843 4999 644 .	FAMILY TREE, LB, PA MOD,	0 . . .	
843 4999 645 .	FAMILY TREE, LB DRIVER,	0 . . .	
917 2100 331 .	TRIMMED COAX 5.9"	4 . . .	
917 2100 332 .	TRIMMED COAX 2.9"	4 . . .	

917 2100 334 . TRIMMED COAX 3.85"	4 . .	
917 2100 619 . TRIMMED COAX	4 . .	#T006 T007
917 2100 682 . MOSFET RF PWR ON4402H ESD	4 . .	Q001 Q002 Q003 Q004
943 5140 013 . BRACKET, MTG	2 . .	#CABLE CLAMPING
992 8608 001 . THERMISTER ASSEMBLY	1 . .	RT001 #SCREWED TO SINK
992 8956 001 . PWA, 1/4 MOD LB RF,	1 . .	

Table 8-4. PWA, 1/4 MOD LB RF, - 992 8956 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
254 0001 000 .	WIRE, BUS CU 22AWG . . . . .	.1 . . FT	#T009
296 0310 000 .	TUBING TEFLON 20 AWG . . . . .	.1 . . FT	#T009
358 3288 000 .	POWER TAP, PC MOUNT 25AMP	1 . .	TB001
384 0843 000 .	DIODE 1N4154	1 . .	CR001
516 0417 000 .	CAP 1000PF 10% 200V	12 . .	C001 C002 C003 C012 C013 C014 C035 C043 C044 C045 C046 C048
516 0484 000 .	CAP 0.1UF 100V 10%	4 . .	C024 C025 C032 C034
516 0831 000 .	CAP 0.010UF 10% 100V	9 . .	C006 C009 C017 C020 C029 C036 C047 C051 C052
516 0890 000 .	CAP 470PF 10% 200V	12 . .	C004 C015 C026 C027 C028 C030 C031 C037 C038 C039 C040 C041
516 0891 000 .	CAP 0.100UF 10% 50V	4 . .	C007 C010 C018 C021
524 0375 000 .	CAP 100UF 63V	2 . .	C049 C050
540 0001 000 .	RES 10 OHM 1/2W 5%	2 . .	R014 R018
540 0300 000 .	RES 47.0 OHM 1W 5%	2 . .	R019 R020
540 0880 000 .	RES 47.0 OHM 1/4W 5%	1 . .	R017
540 0888 000 .	RES 100 OHM 1/4W 5%	1 . .	R030
540 1405 000 .	RES NETWORK 2700 OHM 2%	1 . .	R036
544 1652 000 .	RES 100 OHM 2W 5%	4 . .	R001 R004 R006 R009
544 1667 000 .	RES 5.1 OHM 2W 5%	4 . .	R002 R003 R007 R008
548 1102 000 .	RES 1.5K OHM 1/4W 1%	1 . .	R031
548 1120 000 .	RES 2K OHM 1/4W 1%	1 . .	R029
548 1508 000 .	RES 715 OHM 1/4W 1%	1 . .	R032
548 2069 000 .	RES 49.9K OHM 1/4W 1%	2 . .	R034 R035
548 2158 000 .	RES 1.65K OHM 1/4W 1%	1 . .	R033
550 0913 000 .	POT, 5K OHM	4 . .	R025 R026 R027 R028
550 0957 000 .	POT 500 OHM 1/2 W 10%	1 . .	R016
610 1223 000 .	HEADER 3 POSITION	1 . .	J001
839 7900 701 .	SCH, LB 1/4 MODULE	0 . .	
843 4999 642 .	PWB, 1/4 MOD RF, LB,	1 . .	
917 2100 336 .	XMFR 150W SAMPLE	1 . .	T009
917 2100 640 .	AIR COIL, 8 TURN	4 . .	L009 L010 L011 L012

Table 8-5. DIVIDER, 2-WAY, LB1 - 992 8557 102

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
000 0000 010 .	B/M NOTE:	0 . .	THIS ITEM USED AT HIGHERLEVEL, RES, 100 OHM, 20W, R001, 544-1660-000
384 0321 000 .	DIODE 5082-2800/1N5711	1 . .	CR001
515 0038 000 .	CAP CHIP 22PF 5% 50V	1 . .	C001
515 0041 000 .	CAP CHIP 39PF 5% 50V	1 . .	C002
516 0417 000 .	CAP 1000PF 10% 200V	1 . .	C003
540 0912 000 .	RES 1.0K OHM 1/4W 5%	1 . .	R003
548 0049 000 .	RES 100 OHM .5W 1%	1 . .	R002

843 4999 492 . PWB, DIVIDER 2-WAY 1...

Table 8-6. COMB, LB1, 2 X 2 WAY - 992 8558 102

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
000 0000 010	. B/M NOTE:	0...	THIS ITEM USED AT HIGHERLEVEL, RES, 100 OHM, 250W, R1, R2, 544-1654-000
500 1337 000	. CAP 18PF 5% 250V	2...	C001 C004
519 0041 000	. CAP RF CHIP 43PF 5% 500V	2...	C002 C003
843 4999 495	. PWB, LB COMB/DIV 2X2,	1...	

Table 8-7. COMB, LB1, 2-WAY - 992 8559 102

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
000 0000 010	. B/M NOTE:	0...	THIS ITEM USED AT HIGHERLEVEL, RES, 100 OHM, 250W, R1, 544-1654-000
500 1337 000	. CAP 18PF 5% 250V	1...	C001
519 0041 000	. CAP RF CHIP 43PF 5% 500V	1...	C002
843 4999 485	. PWB, LB COMB 2-WAY	1...	

Table 8-8. DIVIDER, LB1, 2 X 2 WAY - 992 8560 102

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
000 0000 010	. B/M NOTE:	0...	THIS ITEM USED AT HIGHERLEVEL, RES, 100 OHM, 20W, R1, R2, 544-1660-000
515 0038 000	. CAP CHIP 22PF 5% 50V	2...	C001 C004
515 0041 000	. CAP CHIP 39PF 5% 50V	2...	C002 C003
843 4999 495	. PWB, LB COMB/DIV 2X2,	1...	

Table 8-9. DC PWA, LB COUPLER - 992 8843 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
384 0321 000	. DIODE 5082-2800/1N5711	2...	CR001 CR002
516 0831 000	. CAP 0.010UF 10% 100V	2...	C001 C002
540 0321 000	. RES 360.0 OHM 1W 5%	1...	R005
544 1651 000	. RES 51 OHM 2W 5%	1...	R001
548 2103 000	. RES 100 OHM 2W 1%	1...	R002
548 2192 000	. RES, 49.9 OHM, 2W, 1%	2...	R003 R004
843 4999 479	. PWB, LB COUPLER DC BD	1...	

Table 8-10. MODULE, RF, BASIC PA, LB2 - 992 8967 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
007 4060 079	. BRZ, FGR STK 97-606-02 . . . . .	.32	0.313 OF 16" = 5, 2 PIECES 2.5" REQ FOR LOGIC COVER
054 0014 103	. CARTON, SHIPPING	1...	
054 0014 107	. INSERT, FOAM PACKAGING	1... ST	
252 0420 000	. WIRE, RIBBON 5 X 100 MIL . . . . .	.4... FT	FT #TO/FROM 1/4 MODS
252 0423 000	. TEFLON INSULATED HOOK-UP	2... FT	
302 0052 000	. SCR, 4-40 X 1/4	11...	6# LOGIC PWB, 2# LOGIC REG, 3# LOGIC CHASSIS
302 0053 000	. SCR, 4-40 X 5/16	3...	3# DUMP LOADS
302 0054 000	. SCR, 4-40 X 3/8	4...	4# CABLE CLAMPS
302 0058 000	. SCR, 4-40 X 3/4	4...	2# PASS FETS, 2# BUSS BARS

302 0106 000 . SCR, 6-32 X 3/8	5 . .	2# OUTPUT COUPLER
302 0108 000 . SCR, 6-32 X 1/2	10 .	2#/I/O CONNECTOR 8# COVER
302 0364 000 . SCR, 4-40 X 3/16	6 . .	6# CHASSIS COVER
302 0380 000 . SCR, 6-32 X 5/16	11 .	#FRONT PANEL
302 0401 000 . SCR, 4-40 X 1/4	6 . .	6# DUMP LOADS
306 0003 000 . NUT, HEX 4-40	10 .	#2 PASS FET #2 BUSS BAR
		2# CLAMP PASS FETS 4# DC FEED CLAMPS
306 0004 000 . NUT, HEX 6-32	4 . .	1# GRD WIRES 2# LOGIC CHASSIS,
		1# COUPLER
306 0071 000 . NUT, HEX #6-32 UNDERSIZE	16 .	16# QTR MOD MTG
306 0072 000 . NUT, HEX #4-40 UNDERSIZE	3 . .	3# RF LOADS
310 0003 000 . WASHER, FLAT NO. 4	18 .	2# CLAMP PASS FETS, 4# PASS FETS, 6# LOGIC,
		2# REG, 4# CLAMPS STANDOFFS
310 0012 000 . WASHER FLAT 6	30 .	2# MAIN CONNECTOR, #5 2 X 2 COMBINER
		#5 2 X 2 DIVIDER, #5 2-WAY COMBINER
		#5 2-WAY DIVIDER, 8# COVER
310 0017 000 . WASHER FLAT #6	7 . .	2# LOGIC CHASSIS, 5# COUPLER
312 0006 000 . WASHER, INT LOCK 8	5 . .	#508-0560-000
314 0003 000 . WASHER, SPLIT-LOCK 4	21 .	
314 0005 000 . WASHER, SPLIT-LOCK 6	44 .	
314 0037 000 . WASHER, SPLIT-LOCK 4 SS	9 . .	#9 LOAD RESISTORS
336 1239 000 . SCREW 6-32 X 3/8	12 .	5# 2 X 2 DIVIDER 5# 2 X 2 COMBINER
		2# COUPLER
344 0009 000 . SCREW, SET 8-32 X 3/16	2 . .	#EXT/FLAPPER
350 0105 000 . RIVET 3/16 ALUM .126/.25	4 . .	4# FRONT PANEL
350 0155 000 . RIVET POP .156 X .392	10 .	5# DIVIDER PWB 5# COMBINER PWB
354 0386 000 . TERM, LOCKING #10 RING	1 . .	#FRONT PANEL GND
356 0235 000 . CABLE TIE 0.75" DIA.	20 .	
356 0237 000 . CLAMP CABLE 1/4" DIA	1 . .	#TAPE SWITCH
356 0241 000 . CABLE CLAMP TIE	6 . .	
358 1214 000 . SCREWLOCK, FEMALE	1 . .	#FILTERED D
380 0715 000 . XSTR MOSFET IXTH67N10 ESD	2 . .	Q001 Q002
384 0831 000 . LED LIGHT BAR MOUNT	2 . .	
386 0438 000 . ZENER, 1N5243, 13V 0.5W	1 . .	#BUSS BAR CR001
410 0335 000 . INSULATOR SCREW	1 . .	#A2U011
410 0413 000 . INSULATOR PAD FOR TO-247	3 . .	#A2U011, 2# PASS FETS
410 0414 000 . THERMAL PAD 1.000 X .800	2 . .	
414 0292 000 . CORE, BALUN 2500 PERM	4 . .	L014 L015 L016 L017
424 0013 000 . GROMMET .381 MTG DIA	1 . .	
424 0598 000 . BUSHING, SPLIT, GUIDE PIN	2 . .	
508 0560 000 . CAP, FEEDTHRU 1000PF	5 . .	C001 C002 C003 C004 C005
508 0561 000 . EMI FILTER FEEDTHRU	2 . .	FL001 FL002
516 0417 000 . CAP 1000PF 10% 200V	2 . .	2# BUSS BAR C023 C028
516 0831 000 . CAP 0.010UF 10% 100V	4 . .	4# BUSS BAR, C024, C025,C026, C027
519 0011 000 . CAP RF CHIP 2.4PF 500V	1 . .	A5A1C003
540 0858 000 . RES 5.6 OHM 1/4W 5%	2 . .	#PASS FET, R001, R002
544 1654 000 . RES 100 OHM 250W 5%	3 . .	A5R001 A6R001 A6R002
544 1660 000 . RES 100 OHM 20W 5%	3 . .	A4R001 A4R002 A3R001
610 1222 000 . PLUG/RECP, D, 25 PIN	1 . .	
646 0665 000 . INSPECTION LABEL	1 . .	
646 1519 000 . LABEL, RF RADIATION WARN	1 . .	
843 4999 528 . PWB, PASS FET GATE BIAS	1 . .	
843 4999 637 . SCH, PA MODULE	0 . .	
843 4999 644 . FAMILY TREE, LB, PA MOD,	0 . .	
917 2100 146 . TAPE SWITCH ASSY	1 . .	

917 2100 386 .	CABLE, LED BOARD	1 . . .	
917 2100 627 .	CABLE ASSEMBLY, DC FEED	1 . . .	
917 2100 747 .	MAIN I/O CONN ASSY	1 . . .	
939 7900 054 .	EXTRUSION, FLAPPER	1 . . .	
943 4999 084 .	MODULE FACE EXTRUSION	1 . . .	
943 4999 454 .	MODULE FRONT PANEL	1 . . .	
943 4999 456 .	MODULE COVER	1 . . .	
943 4999 518 .	BUSS BAR, DC (VERTICAL)	2 . . .	
943 4999 526 .	INSULATOR, BUSS BAR	3 . . .	
943 4999 585 .	ANGLE, HEATSINK MOUNTING	2 . . .	
943 4999 650 .	CHASSIS, MODULE	1 . . .	
943 4999 651 .	LOGIC CHASSIS	1 . . .	
943 4999 652 .	LOGIC COVER	1 . . .	
943 4999 653 .	CABLE, MODULE, MAIN	1 . . .	
943 5140 015 .	SPACER, INSULATOR	2 . . .	#BUSS BAR
992 8023 001 .	PWA, LED BOARD	1 . . .	A007
992 8127 002 .	PWA, LOGIC/CONTROL BD	1 . . .	A002
992 8557 104 .	DIVIDER, LB2, 2-WAY, SSTV	1 . . .	A003
992 8558 104 .	COMB, LB2, 2X2 WAY, SSTV	1 . . .	A006
992 8559 104 .	COMB, LB2, 2-WAY, SSTV	1 . . .	A005
992 8560 104 .	DIVIDER, LB2, 2X2 WAY	1 . . .	A004
992 8976 001 .	COUPLER ASSY, LB MODULE	1 . . .	A001, NEED NEW NO. L.W.
992 9018 001 .	RF PLUG ASSY	1 . . .	J001

Table 8-11. MODULE, DRIVER, BASIC LB2 - 992 8962 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
007 4060 079 .	BRZ, FGR STK 97-606-02 . . . . .	.32 .	* 0.313 OF 16" = 5" 2 PIECES 2.5" REQ FOR LOGIC COVER
054 0014 103 .	CARTON, SHIPPING	1 . . .	
054 0014 107 .	INSERT, FOAM PACKAGING	1 . . . ST	
086 0004 056 .	SOLDER, SN96/AG4	0 . . .	#OUTPUT CABLES
252 0420 000 .	WIRE, RIBBON 5 X 100 MIL . . . . .	.4 . . FT	FT #TO/FROM 1/4 MODS
252 0423 000 .	TEFLON INSULATED HOOK-UP	2 . . . FT	
254 0005 000 .	WIRE, BUS CU 14AWG . . . . .	.033 FT	
302 0052 000 .	SCR, 4-40 X 1/4	11 . .	6# LOGIC, 2# LOGIC REG, 3# LOGIC CHASSIS
302 0053 000 .	SCR, 4-40 X 5/16	3 . . .	3# LOAD RES
302 0054 000 .	SCR, 4-40 X 3/8	3 . . .	3# CABLE CLAMPS
302 0058 000 .	SCR, 4-40 X 3/4	4 . . .	2# PASS FETS 2# BUSS BARS
302 0106 000 .	SCR, 6-32 X 3/8	2 . . .	2# COUPLER
302 0108 000 .	SCR, 6-32 X 1/2	10 . .	2# I/O CONNECTOR 8# COVER
302 0364 000 .	SCR, 4-40 X 3/16	6 . . .	6# CHASSIS COVER
302 0380 000 .	SCR, 6-32 X 5/16	11 . .	#FRONT PANEL
302 0401 000 .	SCR, 4-40 X 1/4	1 . . .	1# ATTEN
306 0003 000 .	NUT, HEX 4-40	9 . . .	2# PASS FET 2# BUSS BAR
			2# CLAMP PASS FET 3# DC FEED CLAMPS
306 0004 000 .	NUT, HEX 6-32	4 . . .	1# GRD WIRES, 2# LOGIC CHASSIS, 1# COUPLER
306 0071 000 .	NUT, HEX #6-32 UNDERSIZE	16 . .	16# QTR MOD MTG
306 0072 000 .	NUT, HEX #4-40 UNDERSIZE	3 . . .	3# DUMP LOADS
310 0003 000 .	WASHER, FLAT NO. 4	17 . .	2# CLAMP PASS FETS, 4# PASS FETS, 6# LOGIC, 2# REG, 3# CLAMP STANDOFFS
310 0012 000 .	WASHER FLAT 6	30 . .	2# MAIN CONNECTOR, 8# COVER, 20# PWB
310 0017 000 .	WASHER FLAT #6	7 . . .	2# LOGIC CHASSIS, 5# COUPLER
312 0006 000 .	WASHER, INT LOCK 8	5 . . .	#508-0560-000
314 0003 000 .	WASHER, SPLIT-LOCK 4	20 . .	

314 0005 000 . WASHER, SPLIT-LOCK 6 44 .
 314 0037 000 . WASHER, SPLIT-LOCK 4 SS 4 .
 336 1239 000 . SCREW 6-32 X 3/8 12 .

 344 0009 000 . SCREW, SET 8-32 X 3/16 2 .
 350 0105 000 . RIVET 3/16 ALUM .126/.25 4 .
 350 0155 000 . RIVET POP .156 X .392 10 .
 354 0386 000 . TERM, LOCKING #10 RING 1 .
 356 0235 000 . CABLE TIE 0.75" DIA. 15 .
 356 0237 000 . CLAMP CABLE 1/4" DIA 1 .
 356 0241 000 . CABLE CLAMP TIE 5 .
 358 1214 000 . SCREWLOCK, FEMALE 1 .
 358 3322 000 . PLUG BUTTON, 0.50" HOLE 1 .
 380 0715 000 . XSTR MOSFET IXTH67N10 ESD.. 2 .
 384 0831 000 . LED LIGHT BAR MOUNT 2 .
 386 0438 000 . ZENER, 1N5243, 13V 0.5W 1 .
 410 0335 000 . INSULATOR SCREW 1 .
 410 0413 000 . INSULATOR PAD FOR TO-247 ... 3 .
 410 0414 000 . THERMAL PAD 1.000 X .800 2 .
 414 0292 000 . CORE, BALUN 2500 PERM 4 .
 424 0013 000 . GROMMET .381 MTG DIA 1 .
 424 0598 000 . BUSHING, SPLIT, GUIDE PIN 1 .
 508 0560 000 . CAP, FEEDTHRU 1000PF 5 .
 508 0561 000 . EMI FILTER FEEDTHRU 2 .
 516 0417 000 . CAP 1000PF 10% 200V 2 .
 516 0831 000 . CAP 0.010UF 10% 100V 4 .

 519 0011 000 . CAP RF CHIP 2.4PF 500V 1 .
 540 0858 000 . RES 5.6 OHM 1/4W 5% 2 .
 544 1654 000 . RES 100 OHM 250W 5% 1 .
 544 1660 000 . RES 100 OHM 20W 5% 1 .
 556 0126 200 . ATTN 2.00 DB 30W INPUT 1 .
 610 1222 000 . PLUG/RECP, D, 25 PIN 1 .
 646 0665 000 . INSPECTION LABEL 1 .
 646 1519 000 . LABEL, RF RADIATION WARN ... 1 .
 843 4999 528 . PWB, PASS FET GATE BIAS 1 .
 843 4999 638 . SCH, LB DRIVER MODULE 0 .
 843 4999 645 . FAMILY TREE, LB DRIVER, 0 .
 917 2100 146 . TAPE SWITCH ASSY 1 .
 917 2100 386 . CABLE, LED BOARD 1 .
 917 2100 627 . CABLE ASSEMBLY, DC FEED ... 1 .
 917 2100 631 . COAX TRIM, 12.5" 1 .
 917 2100 633 . COAX TRIM, 3.5" 1 .
 917 2100 636 . COAX TRIM, 39.9" 1 .
 917 2100 638 . COAX TRIM, 30.4" 1 .
 917 2100 747 . MAIN I/O CONN ASSY 1 .
 939 7900 054 . EXTRUSION, FLAPPER 1 .
 943 4999 084 . MODULE FACE EXTRUSION 1 .
 943 4999 454 . MODULE FRONT PANEL 1 .
 943 4999 456 . MODULE COVER 1 .
 943 4999 518 . BUSS BAR, DC (VERTICAL) 2 .
 943 4999 526 . INSULATOR, BUSS BAR 3 .
 943 4999 585 . ANGLE, HEATSINK MOUNTING .. 2 .
 943 4999 650 . CHASSIS, MODULE 1 .
 943 4999 651 . LOGIC CHASSIS 1 .

3# RF LOADS 1# ATTN
 5# 2 X 2 DIVIDER 5# 2 X 2 COMBINER
 2# COUPLER

4# FRONT PANEL
 5# DIVIDER PWB 5# COMBINER PWB

* FILTERED D

Q001 Q002

#BUSS BAR CR001
 #A2U011
 #A2U011, 2# PASS FETS

L014 L015 L016 L017

C001 C002 C003 C004 C005
 FL001 FL002
 2# BUSS BAR, C023 C028
 4# BUSS BAR, C024 C025 C026
 C027

A5A1C003
 #PASS FET, R001, R002
 A5R001
 A3R001
 AT001

TL004
 TL007
 TL005
 TL006

943 4999 652 . LOGIC COVER	1 . . .	
943 4999 653 . CABLE, MODULE, MAIN	1 . . .	
943 5140 015 . SPACER, INSULATOR	2 . . .	#BUSS BAR
943 5140 022 . COVER, 1/4 MODULE, DRIVER	1 . . .	
992 8023 001 . PWA, LED BOARD	1 . . .	A007
992 8127 002 . PWA, LOGIC/CONTROL BD	1 . . .	A002
992 8557 104 . DIVIDER, LB2, 2-WAY, SSTV	1 . . .	A003
992 8559 104 . COMB, LB2, 2-WAY, SSTV	1 . . .	A005
992 8568 001 . DIVIDER, LB, RF INTRA-	1 . . .	A004
992 8568 002 . COMB, LB, RF INTRACONNECT	1 . . .	A006
992 8976 001 . COUPLER ASSY, LB MODULE	1 . . .	A001
992 9018 001 . RF PLUG ASSY	1 . . .	J001

Table 8-12. DIVIDER, LB2, 2-WAY, SSTV - 992 8557 104

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
000 0000 010 .	B/M NOTE:	0 . . .	THIS ITEM USED AT HIGHERLEVEL, RES, 100 OHM, 20W, R1, 544-1660-000
384 0321 000 .	DIODE 5082-2800/1N5711	1 . . .	CR001
515 0036 000 .	CAP CHIP 15PF 5% 50V	1 . . .	C001
515 0037 000 .	CAP CHIP 18PF 5% 50V	2 . . .	C002A C002B
516 0417 000 .	CAP 1000PF 10% 200V	1 . . .	C003
540 0912 000 .	RES 1.0K OHM 1/4W 5%	1 . . .	R003
548 0049 000 .	RES 100 OHM .5W 1%	1 . . .	R002
843 4999 493 .	PWB, DIVIDER 2-WAY	1 . . .	

Table 8-13. COMB, LB2, 2X2 WAY, SSTV - 992 8558 104

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
000 0000 010 .	B/M NOTE:	0 . . .	THIS ITEM USED AT HIGHERLEVEL. RES, 100 OHM, 250W, R1, R2, 544-1654-000
500 1335 000 .	CAP 15PF 5% 250V	2 . . .	C001 C004
519 0037 000 .	CAP RF CHIP 30PF 5% 500V	2 . . .	C002 C003
843 4999 488 .	PWB, COMB/DIV 2 X 2	1 . . .	

Table 8-14. COMB, LB2, 2-WAY, SSTV - 992 8559 104

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
000 0000 010 .	B/M NOTE:	0 . . .	THIS ITEM USED AT HIGHERLEVEL. RES, 100 OHM, 250W, R1, 544-1654-000
500 1335 000 .	CAP 15PF 5% 250V	1 . . .	C001
519 0037 000 .	CAP RF CHIP 30PF 5% 500V	1 . . .	C002
843 4999 487 .	PWB, LB COMB 2-WAY	1 . . .	

Table 8-15. DIVIDER, LB2, 2X2 WAY - 992 8560 104

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
000 0000 010 .	B/M NOTE:	0 . . .	THIS ITEM USED AT HIGHERLEVEL. RES, 100 OHM, 20W, R1, R2 544-1660-000
515 0036 000 .	CAP CHIP 15PF 5% 50V	2 . . .	C001 C004
515 0040 000 .	CAP CHIP 33PF 5% 50V	2 . . .	C002 C003
843 4999 488 .	PWB, COMB/DIV 2 X 2	1 . . .	

Table 8-16. MODULE, RF, BASIC PA HB, - 992 8968 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
007 4060 079	BRZ, FGR STK 97-606-02	.32	0.313 OF 16" = 5" 5"* 2 PIECES 2.5" REQ FOR LOGIC COVER
054 0014 103	CARTON, SHIPPING	1	
054 0014 107	INSERT, FOAM PACKAGING	1	ST
252 0420 000	WIRE, RIBBON 5 X 100 MIL	.4	FT #TO/FROM 1/4 MODS
252 0423 000	TEFLON INSULATED HOOK-UP	2	FT
302 0052 000	SCR, 4-40 X 1/4	11	6# LOGIC PWB, 2# LOGIC REG, 3# LOGIC CHASSIS
302 0053 000	SCR, 4-40 X 5/16	3	3# DUMP LOADS
302 0054 000	SCR, 4-40 X 3/8	4	4# CABLE CLAMPS
302 0058 000	SCR, 4-40 X 3/4	4	2# PASS FETS 2# BUSS BARS
302 0106 000	SCR, 6-32 X 3/8	2	2# OUTPUT COUPLER
302 0108 000	SCR, 6-32 X 1/2	10	2#I/O CONNECTOR 8# COVER
302 0364 000	SCR, 4-40 X 3/16	6	6# CHASSIS COVER
302 0380 000	SCR, 6-32 X 5/16	11	#FRONT PANEL
302 0401 000	SCR, 4-40 X 1/4	6	6# DUMP LOADS
306 0003 000	NUT, HEX 4-40	10	2#PASS FET 2#BUSS BAR
306 0004 000	NUT, HEX 6-32	4	2# CLAMP PASS FETS 4# DC FEED CLAMPS
306 0071 000	NUT, HEX #6-32 UNDERSIZE	16	1# GRD WIRE, 2# LOGIC CHASSIS, #1 COUPLER
306 0072 000	NUT, HEX #4-40 UNDERSIZE	3	16# QTR MOD MTG
310 0003 000	WASHER, FLAT NO. 4	18	3# RF LOADS
310 0012 000	WASHER FLAT 6	30	2# CLAMP PASS FETS 4# PASS FET
310 0017 000	WASHER FLAT #6	7	6# LOGIC 2#REG. 4# CLAMPS STANDOFFS
314 0003 000	WASHER, SPLIT-LOCK 4	21	2# MAIN CONNECTOR, 8# COVER, 20# PWB,
314 0005 000	WASHER, SPLIT-LOCK 6	44	2# LOGIC CHASSIS 5# COUPLER
314 0037 000	WASHER, SPLIT-LOCK 4 SS	9	
336 1239 000	SCREW 6-32 X 3/8	12	9# DUMP LOADS
344 0009 000	SCREW, SET 8-32 X 3/16	2	5# 2 X 2 DIVIDER 5# 2 X 2 COMBINER
350 0105 000	RIVET 3/16 ALUM .126/.25	4	2# COUPLER
350 0155 000	RIVET POP .156 X .392	10	#EXT/FLAPPER
354 0386 000	TERM, LOCKING #10 RING	1	4# FRONT PANEL
356 0235 000	CABLE TIE 0.75" DIA.	20	5# DIVIDER PWB 5# COMBINER PWB
356 0237 000	CLAMP CABLE 1/4" DIA	1	#FRONT PANEL GND.
356 0241 000	CABLE CLAMP TIE	6	
358 1214 000	SCREWLOCK, FEMALE	1	#TAPE SWITCH
380 0715 000	XSTR MOSFET IXTH67N10 ESD	2	* FILTERED D
384 0831 000	LED LIGHT BAR MOUNT	2	Q001 Q002
386 0438 000	ZENER, 1N5243, 13V 0.5W	1	
410 0335 000	INSULATOR SCREW	1	#BUSS BAR CR001
410 0413 000	INSULATOR PAD FOR TO-247	3	#A2U011
410 0414 000	THERMAL PAD 1.000 X .800	2	#A2U011, 2# PASS FETS
414 0292 000	CORE, BALUN 2500 PERM	4	
424 0013 000	GROMMET .381 MTG DIA	1	L014 L015 L016 L017
424 0598 000	BUSHING, SPLIT, GUIDE PIN	2	
508 0560 000	CAP, FEEDTHRU 1000PF	5	C001 C002 C003 C004 C005
508 0561 000	EMI FILTER FEEDTHRU	2	FL001 FL002
516 0417 000	CAP 1000PF 10% 200V	2	2# BUSS BAR C023 C028
516 0831 000	CAP 0.010UF 10% 100V	4	4# BUSS BAR, C024, C025,C026, C027
540 0858 000	RES 5.6 OHM 1/4W 5%	2	#PASS FET, R001, R002

544 1654 000 . RES 100 OHM 250W 5% 3 . . .	A5R001 A6R001 A6R002
544 1660 000 . RES 100 OHM 20W 5% 3 . . .	A4R001 A4R002 A3R001
610 1222 000 . PLUG/RECP, D, 25 PIN 1 . . .	
646 0665 000 . INSPECTION LABEL 1 . . .	
646 1519 000 . LABEL, RF RADIATION WARN 1 . . .	
843 4999 528 . PWB, PASS FET GATE BIAS 1 . . .	
843 4999 637 . SCH, PA MODULE 0 . . .	
843 4999 643 . FAMILY TREE, HB, PA MOD, 0 . . .	
917 2100 146 . TAPE SWITCH ASSY 1 . . .	
917 2100 386 . CABLE, LED BOARD 1 . . .	
917 2100 627 . CABLE ASSEMBLY, DC FEED 1 . . .	
917 2100 747 . MAIN I/O CONN ASSY 1 . . .	
939 7900 054 . EXTRUSION, FLAPPER 1 . . .	
943 4999 084 . MODULE FACE EXTRUSION 1 . . .	
943 4999 454 . MODULE FRONT PANEL 1 . . .	
943 4999 456 . MODULE COVER 1 . . .	
943 4999 518 . BUSS BAR, DC (VERTICAL) 2 . . .	
943 4999 526 . INSULATOR, BUSS BAR 3 . . .	
943 4999 585 . ANGLE, HEATSINK MOUNTING 2 . . .	
943 4999 650 . CHASSIS, MODULE 1 . . .	
943 4999 651 . LOGIC CHASSIS 1 . . .	
943 4999 652 . LOGIC COVER 1 . . .	
943 4999 653 . CABLE, MODULE, MAIN 1 . . .	
943 5140 015 . SPACER, INSULATOR 2 . . .	#BUSS BAR
992 8023 001 . PWA, LED BOARD 1 . . .	A007
992 8127 002 . PWA, LOGIC/CONTROL BD 1 . . .	A002
992 8557 007 . DIVIDER, HB, 2-WAY 1 . . .	A003
992 8558 007 . COMBINER, HB 2 X 2 WAY 1 . . .	A006
992 8559 007 . COMB, HB, 2-WAY 1 . . .	A005
992 8560 007 . DIVIDER, HB, 2 X 2 WAY 1 . . .	A004
992 8975 001 . COUPLER ASSY, HB MODULE 1 . . .	A001
992 9018 001 . RF PLUG ASSY 1 . . .	J001

Table 8-17. MODULE, DRIVER, BASIC HB, - 992 8963 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
007 4060 079 .	BRZ, FGR STK 97-606-02 . . . . .	.32 .	* 0.313 OF 16" = 5" 2 PIECES 2.5" REQ FOR LOGIC COVER
054 0014 103 .	CARTON, SHIPPING	1 . . .	
054 0014 107 .	INSERT, FOAM PACKAGING	1 . . . ST	
086 0004 056 .	SOLDER, SN96/AG4	0 . . .	#OUTPUT CABLES
252 0420 000 .	WIRE, RIBBON 5 X 100 MIL . . . . .	.4 . . FT	FT #TO/FROM 1/4 MODS
252 0423 000 .	TEFLON INSULATED HOOK-UP	2 . . . FT	
302 0052 000 .	SCR, 4-40 X 1/4	11 . .	6 LOGIC BD, 2# LOGIC REG3# LOGIC CHASSIS
302 0053 000 .	SCR, 4-40 X 5/16	3 . . .	6#A2 3# LOAD RES
302 0054 000 .	SCR, 4-40 X 3/8	4 . . .	4# CABLE CLAMPS
302 0058 000 .	SCR, 4-40 X 3/4	4 . . .	2# PASS FETS 2# BUSS BARS
302 0106 000 .	SCR, 6-32 X 3/8	2 . . .	2# OUTPUT COUPLER
302 0108 000 .	SCR, 6-32 X 1/2	10 . .	2#I/O CONNECTOR 8# COVER
302 0364 000 .	SCR, 4-40 X 3/16	6 . . .	6# CHASSIS COVER
302 0380 000 .	SCR, 6-32 X 5/16	11 . .	#FRONT PANEL
302 0401 000 .	SCR, 4-40 X 1/4	1 . . .	1# ATTEN
306 0003 000 .	NUT, HEX 4-40	10 . .	2# PASS FET 2# BUSS BAR
			2# CLAMP PASS FETS 4# DC FEED CLAMPS
306 0004 000 .	NUT, HEX 6-32	4 . . .	1# GRD WIRES, 2# LOGIC CHASSIS, 1# COUPLER

306 0071 000 . NUT, HEX #6-32 UNDERSIZE	16 .	16# QTR MOD MTG
306 0072 000 . NUT, HEX #4-40 UNDERSIZE	3 .	3# RF LOADS
310 0003 000 . WASHER, FLAT NO. 4	18 .	4 PASS FET 6 LOGIC, 2 REG.
		2# CLAMP PASS FETS 4# CLAMPS STANDOFFS
310 0012 000 . WASHER FLAT 6	30 .	2# MAIN CONNECTOR 8# COVER, 20# PWB
310 0017 000 . WASHER FLAT #6	7 .	5# DIR COUPLER 2# LOGIC CHASSIS
312 0006 000 . WASHER, INT LOCK 8	5 .	#508-0560-000
314 0003 000 . WASHER, SPLIT-LOCK 4	21 .	2# PASS FETS 2# BUSS BARS
		2# TRANS U11 & U12 6# LOGIC BD
		3# LOGIC CHASSIS 4# DC WIRE CLAMPS
314 0005 000 . WASHER, SPLIT-LOCK 6	44 .	
314 0037 000 . WASHER, SPLIT-LOCK 4 SS	4 .	
336 1239 000 . SCREW 6-32 X 3/8	12 .	5# 2 X 2 DIVIDER 2# COUPLER
		5# 2 X 2 COMBINER
		#EXT/FLAPPER
344 0009 000 . SCREW, SET 8-32 X 3/16	2 .	4# FRONT PANEL
350 0105 000 . RIVET 3/16 ALUM .126/.25	4 .	5# DIVIDER PWB 5# COMBINER PWB
350 0155 000 . RIVET POP .156 X .392	10 .	#FRONT PANEL GND
354 0386 000 . TERM, LOCKING #10 RING	1 .	
356 0235 000 . CABLE TIE 0.75" DIA.	20 .	
356 0237 000 . CLAMP CABLE 1/4" DIA	1 .	# TAPE SWITCH
356 0241 000 . CABLE CLAMP TIE	6 .	
358 1214 000 . SCREWLOCK, FEMALE	1 .	* FILTERED D
358 3322 000 . PLUG BUTTON, 0.50" HOLE	1 .	
380 0715 000 . XSTR MOSFET IXTH67N10 ESD	2 .	Q001 Q002
384 0831 000 . LED LIGHT BAR MOUNT	2 .	
386 0438 000 . ZENER, 1N5243, 13V 0.5W	1 .	#BUSS BAR CR001
410 0335 000 . INSULATOR SCREW	1 .	#A2U011
410 0413 000 . INSULATOR PAD FOR TO-247	3 .	#A2U011, 2# PASS FETS
410 0414 000 . THERMAL PAD 1.000 X .800	2 .	
414 0292 000 . CORE, BALUN 2500 PERM	4 .	L014 L015 L016 L017
424 0013 000 . GROMMET .381 MTG DIA	1 .	
424 0598 000 . BUSHING, SPLIT, GUIDE PIN	1 .	
508 0560 000 . CAP, FEEDTHRU 1000PF	5 .	C001 C002 C003 C004 C005
508 0561 000 . EMI FILTER FEEDTHRU	2 .	FL001 FL002
516 0417 000 . CAP 1000PF 10% 200V	2 .	2# BUSS BARS C023 C028
516 0831 000 . CAP 0.010UF 10% 100V	4 .	4# BUSS BAR, C024 C025 C026
		C027
		#PASS FET, R001, R002
540 0858 000 . RES 5.6 OHM 1/4W 5%	2 .	A5R001
544 1654 000 . RES 100 OHM 250W 5%	1 .	A3R001
544 1660 000 . RES 100 OHM 20W 5%	1 .	AT001
556 0126 200 . ATTEN 2.00 DB 30W INPUT	1 .	
610 1222 000 . PLUG/RECP, D, 25 PIN	1 .	
646 0665 000 . INSPECTION LABEL	1 .	
646 1519 000 . LABEL, RF RADIATION WARN	1 .	
843 4999 528 . PWB, PASS FET GATE BIAS	1 .	
843 4999 639 . SCH, HB DRIVER MODULE	0 .	
843 4999 646 . FAMILY TREE, HB, DRIVER,	0 .	
917 2100 146 . TAPE SWITCH ASSY	1 .	
917 2100 386 . CABLE, LED BOARD	1 .	
917 2100 627 . CABLE ASSEMBLY, DC FEED	1 .	
917 2100 631 . COAX TRIM, 12.5"	1 .	TL004
917 2100 632 . COAX TRIM, 22.5"	1 .	TL005
917 2100 633 . COAX TRIM, 3.5"	1 .	TL007
917 2100 634 . COAX TRIM, 13.5"	1 .	TL006
917 2100 747 . MAIN I/O CONN ASSY	1 .	

939 7900 054 .	EXTRUSION, FLAPPER	1 . . .	
943 4999 084 .	MODULE FACE EXTRUSION	1 . . .	
943 4999 454 .	MODULE FRONT PANEL	1 . . .	
943 4999 456 .	MODULE COVER	1 . . .	
943 4999 518 .	BUSS BAR, DC (VERTICAL)	2 . . .	
943 4999 526 .	INSULATOR, BUSS BAR	3 . . .	
943 4999 585 .	ANGLE, HEATSINK MOUNTING	2 . . .	
943 4999 650 .	CHASSIS, MODULE	1 . . .	
943 4999 651 .	LOGIC CHASSIS	1 . . .	
943 4999 652 .	LOGIC COVER	1 . . .	
943 4999 653 .	CABLE, MODULE, MAIN	1 . . .	
943 5140 015 .	SPACER, INSULATOR	2 . . .	#BUSS BAR
992 8023 001 .	PWA, LED BOARD	1 . . .	A007
992 8127 002 .	PWA, LOGIC/CONTROL BD	1 . . .	A002
992 8557 007 .	DIVIDER, HB, 2-WAY	1 . . .	A003
992 8559 007 .	COMB, HB, 2-WAY	1 . . .	A005
992 8568 003 .	DIV, HB, RF INTRACONNECT	1 . . .	A004
992 8568 004 .	COMB, HB, RF INTRACONNECT	1 . . .	A006
992 8975 001 .	COUPLER ASSY, HB MODULE	1 . . .	A001
992 9018 001 .	RF PLUG ASSY	1 . . .	J001

Table 8-18. MOD, 1/4, BASIC, HB, - 992 8959 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
055 0190 009 .	* COATING 3140 RTV	0 . . .	
086 0001 010 .	* SEALANT GLYPTOL	0 . . . QT	
086 0004 055 .	SOLDER, SN62/PB36/AG2	0 . . .	#CHIP CAPS
252 0420 000 .	WIRE, RIBBON 5 X 100 MIL . . . . .	.2 . . FT	
254 0055 000 .	WIRE, 16AWG, SOLID, 600V	1 . . . FT	L001 L002 L003 L004 CUT TO 2.80" +/- 0.050", STRIP BOTH ENDS 0.15" +/- 0.050"
302 0052 000 .	SCR, 4-40 X 1/4	8 . . .	#MTG PWB
302 0053 000 .	SCR, 4-40 X 5/16	2 . . .	#ANGLE MOUNTING
302 0132 000 .	SCR, 8-32 X 5/8	2 . . .	#Q001/Q002, #Q003/Q004
302 0401 000 .	SCR, 4-40 X 1/4	3 . . .	#R001 #R011 #RT001
310 0006 000 .	WASHER FLAT 8	2 . . .	#Q001/Q002, #Q003/Q005
310 0016 000 .	WASHER FLAT #4	1 . . .	#RT001
310 0048 000 .	WASHER, FLAT #4 UNDERSIZE	8 . . .	#MTG PWB
314 0003 000 .	WASHER, SPLIT-LOCK 4	10 . .	#MTG PWB
314 0006 000 .	WASHER, SPLIT-LOCK 8	2 . . .	#Q001/Q002, #Q003/Q004
314 0037 000 .	WASHER, SPLIT-LOCK 4 SS	3 . . .	#R001 #R011 #RT001
356 0235 000 .	CABLE TIE 0.75" DIA.	4 . . .	
358 3435 000 .	LEVELER, RF FET	4 . . .	#Q001 Q002 Q003 Q004
358 3436 000 .	SPACER, 0.305" LONG	2 . . .	#Q001/Q002, Q003/Q004
358 3438 000 .	SPRING, LEAF	2 . . .	#Q001/Q002, Q003/Q004
404 0818 000 .	HEATSINK, 1/4 MODULE	1 . . .	
519 0050 000 .	CAP RF CHIP 100PF 5% 500V	4 . . .	C004 C005 C006 C007
519 0080 000 .	CAP RF CHIP 220PF 5% 200V	4 . . .	C013 C015 C017 C019
540 0284 000 .	RES 10.0 OHM 1W 5%	4 . . .	R003 R004 R005 R006
544 1661 000 .	RES 100 OHM 10W 5%	2 . . .	R001 R011
646 0665 000 .	INSPECTION LABEL	1 . . .	
839 7900 702 .	SCH, HB 1/4 MODULE	0 . . .	
843 4999 643 .	FAMILY TREE, HB, PA MOD,	0 . . .	
843 4999 646 .	FAMILY TREE, HB, DRIVER,	0 . . .	
917 2100 682 .	MOSFET RF PWR ON4402H ESD	4 . . .	Q001 Q002 Q003 Q004
943 5140 013 .	BRACKET, MTG	2 . . .	#CABLE CLAMPING

992 8608 001 . THERMISTER ASSEMBLY 1 .. RT001 #SCREWED TO SINK
 992 8957 001 . PWA, 1/4 MOD, HB RF, 1 ..

Table 8-19. PWA, 1/4 MOD, HB RF, - 992 8957 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
254 0001 000	WIRE, BUS CU 22AWG . . . . .	.1 .. FT	#L010
296 0310 000	TUBING TEFLON 20 AWG . . . . .	.1 .. FT	#L010
358 3288 000	POWER TAP, PC MOUNT 25AMP	1 ..	TB001
384 0843 000	DIODE 1N4154	1 ..	CR001
516 0417 000	CAP 1000PF 10% 200V	6 ..	C025 C026 C027 C028 C033 C043
516 0484 000	CAP 0.1UF 100V 10%	2 ..	C029 C030
516 0831 000	CAP 0.010UF 10% 100V	7 ..	C021 C022 C023 C024 C042 C044 C045
516 0890 000	CAP 470PF 10% 200V	4 ..	C009 C011 C034 C035
524 0375 000	CAP 100UF 63V	2 ..	C031 C032
540 0880 000	RES 47.0 OHM 1/4W 5%	1 ..	R012
540 0888 000	RES 100 OHM 1/4W 5%	1 ..	R013
540 0914 000	RES 1.2K OHM 1/4W 5%	4 ..	R007 R008 R009 R010
548 1102 000	RES 1.5K OHM 1/4W 1%	1 ..	R014
548 1116 000	RES 2.74K OHM 1/4W 1%	4 ..	R024 R025 R026 R027
548 1120 000	RES 2K OHM 1/4W 1%	1 ..	R017
548 1508 000	RES 715 OHM 1/4W 1%	1 ..	R015
548 2069 000	RES 49.9K OHM 1/4W 1%	2 ..	R022 R023
548 2158 000	RES 1.65K OHM 1/4W 1%	1 ..	R016
550 0913 000	POT, 5K OHM	4 ..	R018 R019 R020 R021
550 0957 000	POT 500 OHM 1/2 W 10%	1 ..	R002
610 1223 000	HEADER 3 POSITION	1 ..	J001
839 7900 702	SCH, HB 1/4 MODULE	0 ..	
843 4999 641	PWB, TEFLON RF 1/4 MOD HB	1 ..	
917 2100 536	WIRE ASSY, 14 TURN TOROID	1 ..	L009

Table 8-20. DIVIDER, HB, 2-WAY - 992 8557 007

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
000 0000 010	B/M NOTE:	0 ..	THIS ITEM USED AT HIGHER LEVEL RES, 100 OHM, 20W, R1 544-1660-000
384 0321 000	DIODE 5082-2800/1N5711	1 ..	CR001
516 0929 000	CAP 470PF 10% 200V	1 ..	C001
540 0912 000	RES 1.0K OHM 1/4W 5%	1 ..	R003
548 0049 000	RES 100 OHM .5W 1%	1 ..	R002
843 4999 494	PWB, DIVIDER 2-WAY	1 ..	

Table 8-21. COMBINER, HB 2 X 2 WAY - 992 8558 007

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
000 0000 010	B/M NOTE:	0 ..	THIS ITEM USED AT HIGHER LEVEL RES,100 OHM, 250W, R1,R2544-1654-000
843 4999 490	PWB, HB COMB/DIV 2X2	1 ..	

Table 8-22. COMB, HB, 2-WAY - 992 8559 007

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
000 0000 010	. B/M NOTE:	0...	THIS ITEM USED AT HIGHER LEVEL RES 100 OHM, 250W, R1 544-1654-000
843 4999 489	. PWB, HB COMB 2-WAY	1...	

Table 8-23. DIVIDER, HB, 2 X 2 WAY - 992 8560 007

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
000 0000 010	. B/M NOTE:	0...	THIS ITEM USED AT HIGHER LEVEL RES, 100 OHM, 20W, R1,R2544-1660-000
843 4999 490	. PWB, HB COMB/DIV 2X2	1...	

Table 8-24. DC PWA, HB COUPLER - 992 8844 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
384 0321 000	. DIODE 5082-2800/1N5711	2...	CR001 CR002
516 0831 000	. CAP 0.010UF 10% 100V	2...	C001 C002
544 1651 000	. RES 51 OHM 2W 5%	1...	R004
548 2103 000	. RES 100 OHM 2W 1%	1...	R001
548 2192 000	. RES, 49.9 OHM, 2W, 1%	2...	R002 R003
843 4999 516	. PWB, HB COUPLER DC BD	1...	

Table 8-25. TAPE SWITCH ASSY - 917 2100 146

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
296 0262 000	. TUBING, SHRINK 1/4 WHITE ....	.06 . FT	
354 0711 000	. CONTACT, 24/20 RECEPTACLE ..	2...	
604 1102 000	. SWITCH, PRESS SENSING,8OZ ..	1...	
612 1312 000	. HOUSING CONTACT 2 PIN	1...	
817 2100 146	. ASSY INSTR, TAPE SWITCH	0...	

Table 8-26. PWA, LED BOARD - 992 8023 001

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
384 0826 000	. LED LIGHT BAR, RED	1...	CR001
384 0827 000	. LED LIGHT BAR, GREEN	1...	CR002
610 0852 000	. HEADER 8 PIN SINGLE ROW	0...	J001
610 0877 000	. HDR, STR, 2 PIN, SQ	1...	J003
610 0902 000	. HDR 10 PIN STRAIGHT	1...	J002
839 7900 047	. SCHEM, LED BOARD	0...	
843 4999 094	. PWB LED BOARD	1...	

Table 8-27. PWA, LOGIC/CONTROL BD - 992 8127 002

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
380 0219 000	. XSTR, 2N2222	1...	Q002
380 0591 000	. XSTR, 2N5681	1...	Q001
382 0184 000	. IC, 340T-5/7805 +5V REG	1...	U012
382 0428 000	. IC, LM358 ESD	1...	U004
382 0648 000	. IC, LM339A	3...	U006 U007 U013
382 1127 000	. IC ADJ VOLT REG ESD	1...	U011
382 1192 000	. IC, MC14584BCP	1...	U005

382 1212 000 . IC, DS3632 ESD	2 . .	U008 U009
382 1426 000 . IC, LM317LZ ESD	1 . .	U010
384 0802 000 . TRANSZORB, BIPOLAR 18V 5% . .	1 . .	CR005
384 0843 000 . DIODE 1N4154	5 . .	CR001 CR003 CR004 CR006 CR007
386 0394 000 . ZENER, 1N5231A 5.1V .5W	1 . .	CR002
398 0015 000 . FUSE,FAST CART .500A 250V	1 . .	F001
402 0129 000 . CLIP, 1/4 DIA FUSE	2 . .	#F001
404 0198 000 . SPACER TO-5, TO-9, TO-11	1 . .	#Q001
404 0704 000 . SOCKET IC 20 PIN	3 . .	#U001 #U002 #U003
516 0453 000 . CAP .1UF 100V 20% X7R	8 . .	C002 C008 C009 C014 C031 C032 C033 C034
516 0530 000 . CAP .01UF 10% 100V X7R	18 .	C001 C003 C006 C007 C010 C011 C012 C013 C021 C022 C023 C024 C025 C026 C027 C028 C029 C030 C036
522 0548 000 . CAP 10UF 50V ELECTROLYTIC	1 . .	C016
522 0573 000 . CAP 47UF 50V 20%	1 . .	C004 C019 C020
526 0048 000 . CAP 10UF 20V 20%	3 . .	C005 C015 C017 C018 C035
526 0378 000 . CAP 1UF 50V 20%	5 . .	R079
540 0025 000 . RES 100 OHM 1/2W 5%	1 . .	R039
540 0332 000 . RES 1.0K OHM 1W 5%	1 . .	R076
540 0876 000 . RES 33 OHM 1/4W 5%	1 . .	R009 R012 R030 R032 R058
540 0900 000 . RES 330.0 OHM 1/4W 5%	5 . .	R072
540 0903 000 . RES 430 OHM 1/4W 5%	1 . .	R021 R049 R050
540 0904 000 . RES 470.0 OHM 1/4W 5%	3 . .	R075
540 0908 000 . RES 680.0 OHM 1/4W 5%	1 . .	R073 R074
540 0914 000 . RES 1.2K OHM 1/4W 5%	2 . .	R060
540 0930 000 . RES 5.6K OHM 1/4W 5%	1 . .	R001
540 0944 000 . RES 22.0K OHM 1/4W 5%	1 . .	R040
540 0956 000 . RES 68.0K OHM 1/4W 5%	1 . .	R055
540 0972 000 . RES 330.0K OHM 1/4W 5%	1 . .	R035 R057
540 0976 000 . RES 470.0K OHM 1/4W 5%	2 . .	R004
540 1386 000 . RES NETWORK 10K OHM 2%	1 . .	R006
540 1416 000 . RES NETWORK 10K OHM 2%	1 . .	R015
540 1493 000 . RES NETWORK 100K 9 SIP	1 . .	R080
544 1649 000 . RES 33 OHM 2W 5%	1 . .	R020 R054
548 0295 000 . RES 47.5K OHM 1/4W 1%	2 . .	R003 R014 R018 R041
548 0534 000 . RES 1M OHM 1/4W 1%	4 . .	R036 R037 R059 R061
548 1094 000 . RES 1K OHM 1/4W 1%	4 . .	R038
548 1095 000 . RES 12.1K OHM 1/4W 1%	1 . .	R033
548 1098 000 . RES 100 OHM 1/4W 1%	1 . .	R007 R011 R013 R017 R023 R025 R026 R034 R042 R047 R064 R069 R100
548 1121 000 . RES 10K OHM 1/4W 1%	13 .	R043 R070 R071
548 1124 000 . RES 2.21K OHM 1/4W 1%	3 . .	R045
548 1131 000 . RES 1.62K OHM 1/4W 1%	1 . .	R053 R062
548 1144 000 . RES 5.62K OHM 1/4W 1%	2 . .	R002 R028 R046 R056 R066 R068
548 1147 000 . RES 4.75K OHM 1/4W 1%	6 . .	R024 R027 R063 R082
548 1148 000 . RES 100K OHM 1/4W 1%	4 . .	R081
548 1156 000 . RES 825 OHM 1/4W 1%	1 . .	R044 R052
548 1171 000 . RES 3.32K OHM 1/4W 1%	2 . .	R005 R010 R016 R022
548 2080 000 . RES 8.66K OHM 1/4W 1%	4 . .	R031
548 2085 000 . RES 6.34K OHM 1/4W 1%	1 . .	R048
548 2162 000 . RES 39.2K OHM 1/4W 1%	1 . .	R051 R102
550 0812 000 . POT 100 OHM 1/2W 10%	2 . .	R008 R101
550 0922 000 . POT 10K OHM 1/2W	2 . .	

610 0900 000 . HEADER 3 CKT STRAIGHT	1	P005
612 1184 000 . JUMPER .1" CENTERS	1	J005
612 1418 000 . RECP 25C D-SUB PCB MOUNT	1	J001
839 7900 700 . SCH, MODULE CONTROL BOARD	0	
843 4999 640 . PWB, LOGIC/CONTROL BD	1	
917 2100 458 . PAL, FAULT LATCH	1	U001
917 2100 459 . PAL, BLINK COUNTER	1	U002
917 2100 460 . PAL, FAULT COUNTER	1	U003

Table 8-28. ATTENUATOR, UNBALANCED PIE - 917 2100 639

<i>HARRIS P/N</i>	<i>DESCRIPTION</i>	<i>QTY/UM</i>	<i>REF. SYMBOLS/EXPLANATIONS</i>
548 0227 000 . RES, 130 OHM 1/2W 1%	0		
548 0276 000 . RES 110 OHM 1/2W 1%	0		
548 0332 000 . RES 124 OHM 1/2W 1%	0		
548 0363 000 . RES 100 OHM 1/2W 1%	0		
548 0372 000 . RES 80.6 OHM 1/2W 1%	0		
548 0576 000 . RES 75 OHM 1/2W 1%	0		
548 0581 000 . RES 115 OHM 1/2W 1%	0		
548 0665 000 . RES 61.9 OHM 1/2W 1%	0		
548 0703 000 . RES 82.5 OHM 1/2W 1%	0		
548 0712 000 . RES 249 OHM 1/2 1%	0		
548 0753 000 . RES 68.1 OHM 1/2W 1%	0		
548 0754 000 . RES 88.7 OHM 1/2W 1%	0		
548 0756 000 . RES 182 OHM 1/2W 1%	0		
548 0811 000 . RES 69.8 OHM 1/2W 1%	0		
548 0813 000 . RES 86.6 OHM 1/2W 1%	0		
548 0814 000 . RES 93.1 OHM 1/2W 1%	0		
548 0828 000 . RES 162 OHM 1/2W 1%	0		
548 0839 000 . RES 221 OHM 1/2W 1%	0		
548 0856 000 . RES 432 OHM 1/2W 1%	0		
548 1047 000 . RES 140 OHM 1/2W 1%	0		
548 1390 000 . RES 1.74K OHM 1/2W 1%	0		
548 1991 000 . RES 294 OHM 1/2W 1%	0		
548 2053 000 . RES 178 OHM 1/2W 1%	0		
548 2054 000 . RES 232 OHM 1/2W 1%	0		
548 2074 000 . RES 154 OHM 1/2W 1%	0		
548 2193 000 . RES 11.5 OHM 1/2W 1%	0		
548 2194 000 . RES 17.8 OHM 1/2W 1%	0		
548 2195 000 . RES 23.7 OHM 1/2W 1%	0		
548 2196 000 . RES 30.1 OHM 1/2W 1%	0		
548 2197 000 . RES 37.4 OHM 1/2W 1%	0		
548 2198 000 . RES 45.3 OHM 1/2W 1%	0		
548 2200 000 . RES 71.5 OHM 1/2W 1%	0		
548 2201 000 . RES 78.7 OHM 1/2W 1%	0		
548 2202 000 . RES 95.3 OHM 1/2W 1%	0		
548 2203 000 . RES 105 OHM 1/2W 1%	0		
548 2204 000 . RES 107 OHM 1/2W 1%	0		
548 2205 000 . RES 121 OHM 1/2W 1%	0		
548 2206 000 . RES 137 OHM 1/2W 1%	0		
548 2207 000 . RES 150 OHM 1/2W 1%	0		
548 2254 000 . RES 14.7 OHM 1/2W 1%	0		
548 2256 000 . RES 20.5 OHM 1/2W 1%	0		
548 2258 000 . RES 34.0 OHM 1/2W 1%	0		
548 2260 000 . RES 48.7 OHM 1/2W 1%	0		

548 2261 000 . RES 66.5 OHM 1/2W 1%	0 ..
548 2262 000 . RES 73.2 OHM 1/2W 1%	0 ..
548 2263 000 . RES 76.8 OHM 1/2W 1%	0 ..
548 2264 000 . RES 113 OHM 1/2W 1%	0 ..
548 2265 000 . RES 127 OHM 1/2W 1%	0 ..
548 2266 000 . RES 196 OHM 1/2W 1%	0 ..
548 2267 000 . RES 348 OHM 1/2W 1%	0 ..
548 2268 000 . RES 2.87 OHM 1/2W 1%	0 ..
548 2269 000 . RES 5.76 OHM 1/2W 1%	0 ..
548 2270 000 . RES 8.66 OHM 1/2W 1%	0 ..
548 2271 000 . RES 26.7 OHM 1/2W 1%	0 ..
548 2272 000 . RES 41.2 OHM 1/2W 1%	0 ..
548 2273 000 . RES 57.6 OHM 1/2W 1%	0 ..
548 2274 000 . RES 63.4 OHM 1/2W 1%	0 ..
548 2275 000 . RES 64.9 OHM 1/2W 1%	0 ..
548 2276 000 . RES 143 OHM 1/2W 1%	0 ..
548 2277 000 . RES 174 OHM 1/2W 1%	0 ..
548 2278 000 . RES 205 OHM 1/2W 1%	0 ..
548 2279 000 . RES 576 OHM 1/2W 1%	0 ..
548 2280 000 . RES 866 OHM 1/2W 1%	0 ..
817 2100 639 . ASSY INSTR, INPUT	0 ..

Table 8-29. ATTENUATOR,SELECT IN TEST - 917 2100 612

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
556 0126 075 .	ATTEN 0.75 DB 30W INPUT	0 ..	
556 0126 100 .	ATTEN 1.00 DB 30W INPUT	0 ..	
556 0126 125 .	ATTEN 1.25 DB 30W INPUT	0 ..	
556 0126 150 .	ATTEN 1.50 DB 30W INPUT	0 ..	
556 0126 175 .	ATTEN 1.75 DB 30W INPUT	0 ..	
556 0126 200 .	ATTEN 2.00 DB 30W INPUT	0 ..	
556 0126 225 .	ATTEN 2.25 DB 30W INPUT	0 ..	
556 0126 250 .	ATTEN 2.50 DB 30W INPUT	0 ..	
556 0126 275 .	ATTEN 2.75 DB 30W INPUT	0 ..	
556 0126 300 .	ATTEN 3.00 DB 30W INPUT	0 ..	
556 0126 325 .	ATTEN 3.25 DB 30W INPUT	0 ..	
556 0126 350 .	ATTEN 3.50 DB 30W INPUT	0 ..	
556 0126 375 .	ATTEN 3.75 DB 30W INPUT	0 ..	
556 0126 400 .	ATTEN 4.00 DB 30W INPUT	0 ..	
556 0126 425 .	ATTEN 4.25 DB 30W INPUT	0 ..	
556 0126 450 .	ATTEN 4.50 DB 30W INPUT	0 ..	
556 0126 475 .	ATTEN 4.75 DB 30W INPUT	0 ..	
556 0126 500 .	ATTEN 5.00 DB 30W INPUT	0 ..	
817 2100 611 .	SPEC, 30 WATT ATTENUATOR	0 ..	

Table 8-30. MOSFET RF PWR ON4402H ESD - 917 2100 682

HARRIS P/N	DESCRIPTION	QTY/UM	REF. SYMBOLS/EXPLANATIONS
380 0737 000 .	MOSFET RF PWR ESD	1 ..	NOTE: THE FOLLOWING NUMBERS HAVE BEEN ASSIGNED TO GAIN CODED ON4402H FET. THESE WILL BE STOCKED BY FIELD SERVICE WITH THESE NUMBERS FOR IN HOUSE PURPOSES ONLY.
380 0737 003 .	*FET ON4402H GAIN #3 ESD	0 ..	

380 0737 004 . *FET ON4402H GAIN #4 ESD 0 . . .
 380 0737 005 . *FET ON4402H GAIN #5 ESD 0 . . .
 380 0737 006 . *FET ON4402H GAIN #6 ESD 0 . . .
 380 0737 007 . * FET ON4402H GAIN #7 ESD 0 . . .

Table 8-31. THERMISTER ASSEMBLY - 992 8608 001

<i>HARRIS P/N</i>	<i>DESCRIPTION</i>	<i>QTY/UM</i>	<i>REF. SYMBOLS/EXPLANATIONS</i>
051 0001 025 .	ADHESIVE, LOCTITE 392	0 . . .	
051 0001 026 .	ACTIVATOR, LOCTITE 792	0 . . .	
354 0075 000 .	TERMINAL LUG RING 8	1 . . .	
516 0831 000 .	CAP 0.010UF 10% 100V	1 . . .	C001
559 0053 000 .	THERMISTOR,NTC,10K@25C,1%.	1 . . .	R001

