

SA1232 ACTIVE SPEAKER

PARTS LIST

090-389-00		SA1232 FINAL ASSEMBLY	A-2
0001022	REV 001	CABINET ASSEMBLY	A-2
0001023	REV 003	CABINET	A-3
0001056	REV 001	HORN DRIVER ASSEMBLY	A-3
0001024	REV 001	GRILL ASSEMBLY	A-3
0001046	REV A	AMPLIFIER [23104260] 115V	A-4
23020740	REV 3	IEC PCB ASSEMBLY	A-5
23020750	REV 0	INPUT BOARD ASSEMBLY	A-6
23020760	REV 2	AMPLIFIER PCB ASSEMBLY	A-8
23020770	REV 1	MID-HIGH FREQ AMPLIFIER ASSEMBLY	A-11

090-389-00 SA1232 SPEAKER FINAL ASSEMBLY

PART#	REV	DESCRIPTION	QTY	NOTES
0001022	001	CABINET ASSEMBLY	1	SEE BELOW
304001	A	POLY BAG/CLEAR 24 X 32 X 85	1	
302008	A	CORNER PAD/PM315	4	
0001060	001	BOX/SA1232/(51 3/8 x 20 1/8 x 19 7/16)	1	
0001061	A	SCORESHEET/SA1232/(49 3/16)	2	
0001062	001	CARDBOARD SHEET/SA1232/(50 1/16 X 20 1/32)	1	
0001063	002	BOARD/PACKAGING/SA1232/(50 1/16 X 20 1/32)	1	
0001064	A	OWNERS MANUAL/SA1232	1	

0001022 REV 001 CABINET ASSEMBLY

PART#	REV	DESCRIPTION	QTY	NOTES	EQUIVALENT PART#
0001023	003	CABINET/VINYL/BLACK/SA1232	1	SEE NEXT PAGE	
0001024	001	ASSEMBLY GRILL/SA1232	1	SEE NEXT PAGE	
102048	A	SCREW/10 X 3/4 PH PHSMS 18-8	40		
0001048	A	CABLE ASSEMBLY SA1232	1		23104270
555189	0	GASKET/STRAIN RELIEF	1		
0001046	A	SA1232/AMPLIFIER 115V	1	SEE PAGE A-4	23104260
102084	A	SCREW/7 X 3/4 PH FHMS BLK	2		
030064	0	COVER/AMPLIFIER/SA1521	2		33901380
0001056	001	ASSEMBLY/HORN/DRIVER/SA1232	1	SEE NEXT PAGE	
029012	A	M5X30 PH PHMS BLK	17		
102042	A	SCREW/10 X 1 PH PHSMS 18-8 BLK	13		
0001058	A	WASHER/FLAT M5 BLACK	30		
0001059	A	WASHER/LOCK M5/BLACK	30		
0001044	A	DRIVER-CONE 12"	2		21111190
555168	A	GASKET/12" WOOFER	2		
024009	0	HANDLE BACKER/CUP/HOUSING	2		550-476-00
024002	0	HANDLE/CAST/MACKIE	2		551-507-00
024003	0	GRIP/HANDLE/RUBBER	2		760-115-00
030013	A	GASKET/HANDLE BACKER/CUP/HOUSING	2		
029005	0	SCREW/8-32 X 3/8 PH PHMS	4		700-033-04
029010	A	M4X30 PH PHMS BLK	8		
024029	0	HANDLE/TOP/RCF	2		33920650
029013	A	M5 X 10 PH FHMS BLK	8		
024027	0	CABINET FEET/SR1530	4		33890190
030066	0	PLUG/MACKIE/RUNNINGMAN	1		33900360
0000726	A	SA1232/POP Sticker	1		33956150
0001065	A	POWERCORD/SA1232	1		

0001023 REV 003 CABINET

PART#	REV	DESCRIPTION	QTY	NOTES	EQUIVALENT PART#
516011	0	PANEL/TOP/SA1521	1		33100580
516012	0	PANEL/BOTTOM/SA1521	1		33100570
0001036	A	SIDE/LEFT SA1232	1		
0001049	A	SIDE/RIGHT SA1232	1		
0001050	A	PANEL/BACK/SA1232	1		
0001051	A	BAFFLE/SA1232	1		
0001052	A	CHAMBER/AMP/SA1232	1		
0001053	A	BACK CLEAT (21 5/8 X 1 7/16)/SA1232	2		
0001054	A	BAFFLE CLEAT (21 5/8 X 2)/SA1232	2		
523041	0	STIFFENER/RIGHT/SA1521	2		33091790
523044	0	STIFFENER/LEFT/SA1521	2		33091800
0001055	A	DIVIDER/SA1232	1		
0002328	001	DIVIDER/LOWER/SA1232	1		33093560
0001691	001	PORT TUBE/SA1232	1		33901400
0001692	001	GRILL SUPPORT/SA1232	1		

0001024 REV 001 GRILL ASSEMBLY

PART#	REV	DESCRIPTION	QTY	NOTES	EQUIVALENT PART#
0001047	A	GRILL/SA1232	1		
030026	0	LBL LOGO SPKR RUNNING MAN/SR1530	1		33951980
024004	0	LOGO/MACKIE/LDSKR	1		840-227-00
024005	0	LOGO/ACTIVE/SRS1500	1		840-273-00
029003	0	NUT/PALNUT/7/16 OD/STLZC	2		705-021-01
025001	0	PCB ASSY/LED/SRS1500	1		055-313-00
029001	0	SCREW/4 X 1/4 PH PHSMS/TYPE B	1		701-022-00

0001056 REV 001 HORN DRIVER ASSEMBLY

PART#	REV	DESCRIPTION	QTY	NOTES	EQUIVALENT PART#
0001045	A	DRIVER-CONE/MID-16	1		21118070
0001035	001	DRIVER-COMPRESSION [ND1711] SA1232	1		
102262	A	SCREW M6 X 16MM SHCS 18-8	4		
105057	0	WASHER/FLAT M6 18-8 BLK	4		
105059	0	WASHER/SPLIT-LOCK/M6 18-8 BLK	4		

0001046 REV A SA1232/AMPLIFIER [23104260] 115V

23020740	3	IEC PCB ASSEMBLY	1	SEE NEXT PAGE
23020750	0	INPUT BOARD ASSEMBLY	1	SEE PAGE A-6
23020760	2	AMPLIFIER PCB ASSEMBLY	1	SEE PAGE A-8
23102690	3	CABLE ASSEMBLY, UR	3	
23104140	0	CABLE ASSEMBLY, LOWER GROUND	1	
23104170	0	CABLE ASSEMBLY, GROUND IEC	1	
23104310	0	CABLE ASSEMBLY, FLAT, INPUT 37542	1	
23104320	0	GROUND CABLE ASSEMBLY 37544	1	
23104330	0	CABLE ASSEMBLY, POWER SUPPLY RELAY UR37543	1	
32900090	0	KNOB, DARK GREY 35056	1	
32952180	0	GROUND LABEL 36663	3	
33120550	0	HEATSINK 37131	1	
33181230	0	UPPER AMPLIFIER SUPPORT 37127	1	
33181410	3	LOWER AMPLIFIER SUPPORT 37128	1	
33221590	1	PCB PROTECTION 37209	1	
33921690	0	CABLE STRAIN RELIEF GROMMET 37217	3	
33921700	0	SPACER 5MM 37051	4	
43900580	0	U-SHAPED RUBBER ESPACE200S		
51150216	0	SCREW V.TC+M3 X8 ZNN U7687 6686	2	
51150227	0	SCREW V.TC+M3 X12ZNN U7687 50174	2	
51190115	0	ALLEN SCREW V.TCEI M4 X12 ZNN U5931 410	14	
51190125	0	ALLEN SCREW V.TCEI M4 X16 ZNN U5931	13	
51240212	0	SCREW V.TC+ B 2,9X9,5ZNN U6954	4	
51991012	0	SPECIAL SCREW M8X80 36960	1	
52100110	0	WASHER 4,3X 9ZNN U6592 6329	23	
52100126	0	WASHER 9X24 ZNC U6593	1	
52100142	0	WASHER 3,2X6 ZNN U6592	3	
52201002	0	WASHER 3 DIN 6798-A	3	
52201003	0	WASHER 4 DIN 6798-A	27	
52201005	0	WASHER 8 DIN 6798-A	1	
53101005	0	NUT M 3 U5588-A-6S ZNC	2	
53102012	0	NUT M 4 U5588-A-6S ZNN	8	
53102030	0	NUT M 8 U5588-A-6S 5780 1/2	1	
59999992	0	CABLE TIE T & B M 24	1	
59999994	0	CABLE TIE T & B M 23 50152	5	
81751125	1	C1T51-102A POWER SUPPLY TRANSFORMER	1	
83242020	0	C3S42-020 RECESSED POWER SWITCH	1	

23020740 REV 3 IEC PCB ASSEMBLY

PM037651	0	MANUFACTURING INSTRUCTIONS	1	
33032220	0	BARE PCB MR 37163	1	
33181090	0	SQUARE PCB SUPPORT 36959	1	
51150227	0	SCREW V.TC+M3 X12ZNN U7687 50174	2	
52100142	0	WASHER 3,2X6 ZNN U6592	2	
52201002	0	WASHER 3 DIN 6798-A	2	
53101005	0	NUT M 3 U5588-A-6S ZNC	2	
54100525	0	RIVET EYELET 30-50 SN 50268 1/2	2	
81246017	0	C1F46-203J220-RESISTOR WIRE 20W5% 22	2	R1, R2
82131020	0	C2D31-132J240-ZENER 1,3W 24V	1	D1
83112023	0	FUSE C3P12-001T802-FUSE 8AT	1	
83142001	0	C3P42-251K104-CAPACITOR.FILM250V10%0,1U	1	C3
83142058	0	C3P42-271K474-CAPACITOR.FILM270V10%0,47U	1	C4
83145019	0	C3P45-251K333-CAPACITOR.FILM250V10%33N	2	C1, C2
83182002	0	C3P82-002 FUSEHOLDER	2	
83262014	0	C3S62-0130101-RELAY 16A-24Vdc-380Vac-900Ohm	1	REL1
83432026	0	C3C32-028M002-MALE CONNECTOR 2 PIN	1	
83432096	0	C3C32-032M006-MALE CONNECTOR 6 PIN	2	J1, J2
83444020	1	C3C44-020M001-MALE FASTON CONNECTOR	2	
83482010	0	C3C82-010M003-RECESSED MAINS RECEPTACLE	1	

23020750 INPUT BOARD ASSEMBLY

33032250	0	BARE PCB .DR 37164-1	1	
43900990	0	LED SPACER 36190	4	
81121021	0	C1R21-251J470-RESISTOR STR. 1/4W5% 47	2	R75, R84
81121025	0	C1R21-251J101-RESISTOR STR. 1/4W5% 100	1	R93
81121028	0	C1R21-251J181-RESISTOR STR. 1/4W5% 180	1	R10
81121031	0	C1R21-251J331-RESISTOR STR. 1/4W5% 330	1	R65
81121034	0	C1R21-251J561-RESISTOR STR. 1/4W5% 560	6	R12, R24, R27, R58, R61, R70
81121035	0	C1R21-251J681-RESISTOR STR. 1/4W5% 680	2	R62, R63
81121037	0	C1R21-251J102-RESISTOR STR. 1/4W5% 1K	3	R15, R57, R79
81121038	0	C1R21-251J122-RESISTOR STR. 1/4W5% 1,2K	1	R22
81121039	0	C1R21-251J152-RESISTOR STR. 1/4W5% 1,5K	3	R19, R56, R94
81121041	0	C1R21-251J222-RESISTOR STR. 1/4W5% 2,2K	3	R40, R82, R91
81121042	0	C1R21-251J272-RESISTOR STR. 1/4W5% 2700	2	R13, R35
81121043	0	C1R21-251J332-RESISTOR STR. 1/4W5% 3,3K	12	R14, R28, R32, R36, R37, R39, R41, R44, R45, R68, R78, R88
81121044	0	C1R21-251J392-RESISTOR STR. 1/4W5% 3,9K	2	R20, R21
81121045	0	C1R21-251J472-RESISTOR STR. 1/4W5% 4,7K	4	R9, R18, R71, R77
81121046	0	C1R21-251J562-RESISTOR STR. 1/4W5% 5,6K	4	R17, R52, R64, R67
81121047	0	C1R21-251J682-RESISTOR STR. 1/4W5% 6,8K	5	R16, R25, R33, R42, R74
81121049	0	C1R21-251J103-RESISTOR STR. 1/4W5% 10K	9	R31, R34, R38, R59, R72, R80, R81, R83, R92
81121050	0	C1R21-251J123-RESISTOR STR. 1/4W5% 12K	2	R29, R30
81121051	0	C1R21-251J153-RESISTOR STR. 1/4W5% 15K	2	R43, R55
81121055	0	C1R21-251J333-RESISTOR STR. 1/4W5% 33K	1	R47
81121057	0	C1R21-251J473-RESISTOR STR. 1/4W5% 47K	1	R8
81121060	0	C1R21-251J823-RESISTOR STR. 1/4W5% 82K	1	R60
81121061	0	C1R21-251J104-RESISTOR STR. 1/4W5% 100K	3	R86, R87, R89
81121063	0	C1R21-251J154-RESISTOR STR. 1/4W5% 150K	1	R73
81121064	0	C1R21-251J184-RESISTOR STR. 1/4W5% 180K	1	R51
81121067	0	C1R21-251J334-RESISTOR STR. 1/4W5% 330K	3	R11, R23, R50
81121068	0	C1R21-251J394-RESISTOR STR. 1/4W5% 390K	2	R66, R69
81121069	0	C1R21-251J474-RESISTOR STR. 1/4W5% 470K	1	R26
81121073	0	C1R21-251J105-RESISTOR STR. 1/4W5% 1M	2	R46, R90
81121078	0	C1R21-501J2R2-RESISTOR STR. 1/2W5% 2,2	2	R53, R54
81121166	0	C1R21-251J106-RESISTOR STR. 1/4W5% 10M	1	R85
81121638	0	C1R21-251F1001 RESISTOR STR. 1/4W1% 1K	2	R1, R2
81121734	0	C1R21-251F1002 RESISTOR STR. 1/4W1% 10K	3	R5, R6, R7
81121767	0	C1R21-251F2212 RESISTOR STR. 1/4W1% 22,1K	2	R3, R4
81311002	0	C1P11-013B503-POTENTIOMETER 50K	1	R76
81413002	0	C1C13-101K152-CAPACITOR.FILM100V10% 1,5N	3	C19, C22,C24
81413003	0	C1C13-101K222-CAPACITOR.FILM100V10% 2,2N	1	C49
81413004	0	C1C13-101K332-CAPACITOR.FILM100V10% 3,3N	3	C10, C13, C16
81413005	0	C1C13-101K472-CAPACITOR.FILM100V10% 4,7N	5	C9, C18, C21, C23, C48
81413007	0	C1C13-101K103-CAPACITOR.FILM100V10% 10N	8	C11, C12, C15, C25, C29, C36, C57, C8
81413011	0	C1C13-101K473-CAPACITOR.FILM100V10% 47N	5	C28, C30, C31, C33, C44

continued

INPUT BOARD continued

81413015	0	C1C13-101K224-CAPACITOR.FILM100V10% 220N	3	C34, C35, C45
81413022	0	C1C13-630K474-CAPACITOR.FILM63V10% 470N	1	C43
81413030	0	C1C13-500K105-CAPACITOR.FILM50V10% 1U	3	C1, C4, C53
81413262	0	C1C13-630J104-CAPACITOR.FILM63V5% 100N	14	C5, C14, C17, C26, C27, C32, C39, C40, C42, C50, C51, C52, C54, C55
81423001	0	C1C23-102K101-CAPACITOR.CER.1000V10%100P	1	C20
81423004	0	C1C23-102K100-CAPACITOR.CER.1000V10%10P	1	C6
81421015	0	C1C21-500K470-CAPACITOR.CER. 50V10% 47 P	1	C7
81426055	0	C1C26-500J681-CAPACITOR.CER.50V5% 680P	2	C2, C3
81521048	0	C1E21-250*220-CAPACITOR.EL. 25V 22U	2	C41, C46
81521050	0	C1E21-250*101-CAPACITOR.EL. 25V 100U	2	C47, C56
82112001	0	C2D12-750*151-DIODE 1N4148	9	D1, D2, D3, D4, D10, D11, D12, D17, D18
82212001	0	C2T12-101A450-TRANSISTOR BC549C	2	Q1, Q3
82212002	0	C2T12-101B450-TRANSISTOR BC560/C	1	Q2
82312005	0	C2A12-25532 -CIRC.INT. NE5532	12	U2, U3, U4. U5, U6, U7, U8, U9, U10, U11, U12, U13
82511006	0	C2F11-006 -RED LED	1	D16
82512008	0	C2F12-008 -GREEN LED	7	D5, D6, D7, D8, D9, D13, D14
82513004	1	C2F13-004 -YELLOW LED	1	D15
82561003	0	C2F61-003 -OPTOCOUPLER	1	U1
83414025	0	C3C14-020F003-FEMALE XLR CONNECTOR	1	J1
83414026	0	C3C14-020M003-MALE XLR CONNECTOR	1	J2
83432095	0	C3C32-031M020-MALE CONNECTOR 20 PIN	1	J3

23020760 REV 2 AMPIFIER PCB ASSEMBLY

23020770	1	MID-HIGH FREQUENCY AMPLIFIER ASSEMBLY	1	SEE PAGE A-11
23104170	0	IEC GROUND CABLE ASSEMBLY	1	
33032240	0	BARE PCB C.S.DR 37162	1	
33120540	0	TRANSISTOR HEATSINK 37276	1	
33120560	0	LEFT HEATSINK 37159	1	
33120570	0	LOWER HEATSINK 37158	1	
33120580	0	RIGHT LONG HEATSINK 37160	1	
33120590	0	RIGHT SHORT HEATSINK 37161	1	
33221600	0	LEFT TRANSISTOR INSULATOR 37211	1	
33221610	0	LOWER TRANSISTOR INSULATOR 37210	1	
33221620	0	RIGHT SHORT TRANSISTOR INSULATOR 37213	1	
33221630	0	RIGHT LONG TRANSISTOR INSULATOR 37212	1	
33910760	1	TRANSISTOR SPACER 37088	2	
33921670	0	TRANSISTOR SPRING 36500	9	
33921700	0	SPACER 5MM 37051	9	
51150210	0	SCREW V.TC+M3 X6 ZNC U7687 50177 1/2	1	
51150220	0	SCREW V.TC+M3 X10ZNC U7687 50149	2	
52100110	0	WASHER 4,3X 9ZNN U6592 6329	9	
52100142	0	WASHER 3,2X6 ZNN U6592	3	
52201002	0	WASHER 3 DIN 6798-A	3	
53301035	0	NUT, FLANGED M 4 DIN 6923 ZNC	9	
81121016	0	C1R21-251J180-RESISTOR STR. 1/4W5% 18	7	R13, R18, R26, R32, R33, R40, R65
81121029	0	C1R21-251J221-RESISTOR STR. 1/4W5% 220	2	R47, R48
81121031	0	C1R21-251J331-RESISTOR STR. 1/4W5% 330	2	R85, R88
81121033	0	C1R21-251J471-RESISTOR STR. 1/4W5% 470	2	R16, R28
81121034	0	C1R21-251J561-RESISTOR STR. 1/4W5% 560	4	R8, R39, R94, R101
81121037	0	C1R21-251J102-RESISTOR STR. 1/4W5% 1K	9	R15, R17, R19, R25, R31, R34, R56, R63, R91
81121038	0	C1R21-251J122-RESISTOR STR. 1/4W5% 1,2K	2	R21, R24
81121039	0	C1R21-251J152-RESISTOR STR. 1/4W5% 1,5K	6	R9, R12, R35, R37, R43, R84
81121041	0	C1R21-251J222-RESISTOR STR. 1/4W5% 2,2K	7	R49, R76, R90, R95, R97, R99, R104
81121042	0	C1R21-251J272-RESISTOR STR. 1/4W5% 2700	2	R14, R30
81121045	0	C1R21-251J472-RESISTOR STR. 1/4W5% 4,7K	11	R27, R29, R57, R74, R78, R86, R87, R89, R92, R103, R107
81121048	0	C1R21-251J822-RESISTOR STR. 1/4W5% 8,2K	1	R72
81121049	0	C1R21-251J103-RESISTOR STR. 1/4W5% 10K	10	R20, R55, R58, R61, R66, R69, R79, R83, R96, R100
81121053	0	C1R21-251J223-RESISTOR STR. 1/4W5% 22K	2	R59, R67
81121061	0	C1R21-251J104-RESISTOR STR. 1/4W5% 100K	4	R64, R77, R105, R106
81121065	0	C1R21-251J224-RESISTOR STR. 1/4W5% 220K	3	R52, R71, R73
81121703	0	C1R21-251F4751-RESISTOR STR. 1/4W1% 4,75K	2	R53, R68
81121706	0	C1R21-251F5111-RESISTOR STR. 1/4W1% 5,11K	1	R60
81132005	0	C1R32-501G2R2-RESISTOR MET. 1/2W2% 2,2	2	R70, R75
81132007	0	C1R32-501G180-RESISTOR MET. 1/2W2% 18	1	R22
81132017	0	C1R32-501G470-RESISTOR MET. 1/2W2% 47	2	R10, R42
81132073	0	C1R32-501G103-RESISTOR MET. 1/2W2% 10K	2	R23, R80
81132081	0	C1R32-501G223-RESISTOR MET. 1/2W2% 22K	1	R98

continued

AMPLIFIER BOARD continued

81136612	0	C1R36-202J3R3-RESISTOR MET. 2W5% 3,3	2	R5, R38
81136624	0	C1R36-202J100-RESISTOR MET. 2W5% 10	3	R1, R45, R50
81136680	0	C1R36-202J222-RESISTOR MET. 2W5% 2,2K	2	R81, R82
81136688	0	C1R36-202J472-RESISTOR MET. 2W5% 4,7K	2	R93, R102
81136758	0	C1R36-102J2R2-RESISTOR MET. 1W5% 2,2	6	R3, R6, R11, R44, R51, R62
81136620	0	C1R36-202J6R8-RESISTOR MET. 2W5% 6,8	1	R108
81241186	0	C1F41-502J332-RESISTOR WIRE 5W5% 3,3K	1	R36
81243129	0	C1F43-502JR33-RESISTOR WIRE 5W5% 0,33	6	R2, R4, R7, R41, R46, R54
81410008	0	C1C10-251K105-CAPACITOR.FILM250V10%1M	1	C3
81410018	0	C1C10-101K105-CAPACITOR.FILM100V10%1M	1	C4
81413010	0	C1C13-101K333-CAPACITOR.FILM100V10% 33N	1	C35
81413013	0	C1C13-101K104-CAPACITOR.FILM100V10% 100N	5	C21, C24, C29, C33, C41
81413015	0	C1C13-101K224-CAPACITOR.FILM100V10% 220N	2	C1, C2
81416025	0	C1C16-251K106-CAPACITOR.FILM250V10% 10U	1	C15
81416026	0	C1C16-251K226-CAPACITOR.FILM250V10% 22U	1	C26
81419001	0	C1C19-251J103-CAPACITOR.FILM 250V5% 10N	2	C5, C42
81419007	0	C1C19-251J104-CAPACITOR.FILM 250V5% 100N	3	C8, C16, C25
81423003	0	C1C23-102K331-CAPACITOR.CER.1000V10%330P	2	C37, C39
81423004	0	C1C23-102K100-CAPACITOR.CER.1000V10%10P	3	C18, C19, C20
81423018	0	C1C23-102J470-CAPACITOR.CER. 1KV5% 47P	1	C30
81426049	0	C1C26-500J101-CAPACITOR.CER.50V5% 100P	1	C27
81523045	0	C1E23-250*4R7-CAPACITOR.LYTIC. 25V 4,7U	2	C34, C36
81523053	0	C1E23-250*101-CAPACITOR.LYTIC. 25V 100U	7	C17, C22, C28, C31, C32, C38, C40
81523055	0	C1E23-250*221-CAPACITOR.LYTIC. 25V 220U	1	C23
81533021	0	C1E33-500*103-CAPACITOR.LYTIC. 50V 10000U	4	C6, C7, C11, C14
81533075	0	C1E33-161*272-CAPACITOR.LYTIC. 160V 2700U	4	C9, C10, C12, C13
81612052	0	C1L12-100A200-INDUCTOR	2	L2, L3
81632066	1	C1L32-102A181-INDUCTOR FILTER 8A, TORIOD FERRITE CORE	1	L1
82112001	0	C2D12-750*151-DIODE 1N4148	3	D32, 35, 36
82112002	0	C2D12-201*251-DIODE BAV21	18	D7, D9, D10, D11, D12, D13, D14, D16, D17, D20, D23, D28, D37, D39, D40, D41, D42, D44
82122015	0	C2D22-101*402-DIODE MUR410	4	D3, D22, D24, D27
82122019	0	C2D22-801*302-DIODE BY399	1	D4
82122020	0	C2D22-151*203-DIODE BYV79	4	D5, D6, D33, D34
82131015	0	C2D31-132J150-ZENER 1,3W 15V	1	D21
82131038	0	C2D31-501J3R9-ZENER 0,5W 3,9V	2	D8, D19
82131050	0	C2D31-501J120-ZENER 0,5W 12V	5	D25, D26, D29, D30, D45
82131052	0	C2D31-501J150-ZENER 0,5W 15V	3	D15, D18, D31
82173002	0	C2D73-300*201-DIODE BAT85	2	D38, D43
82175011	0	C2D75-211*802-DIODE BRIDGE 8A	1	D2
82175012	0	C2D75-401*253-DIODE BRIDGE 25A	1	D1
82212001	0	C2T12-101A450-TRANSISTOR BC549C	2	Q28, Q30
82212016	1	C2T12-201B500-TRANSISTOR BC557C	2	Q29, Q32
82212021	0	C2T12-501B301-TRANSISTOR MPSA42	5	Q5, Q6, Q12, Q19, Q35
82212022	0	C2T12-501A301-TRANSISTOR MPSA92	6	Q4, Q8, Q13, Q18, Q24, Q36

AMPLIFIER BOARD continued

82212026	0	C2T12-201A400-TRANSISTOR 2N3904	1	Q34
82212027	0	C2T12-201B400-TRANSISTOR 2N3906	2	Q20, Q37
82212028	0	C2T12-101A201-TRANSISTOR 2SC3788	1	Q7
82212029	0	C2T12-101B201-TRANSISTOR 2SA1478	1	Q16
82231028	0	C2T31-153B231-TRANSISTOR 2SC5200	3	Q22, Q25, Q32
82231029	0	C2T31-153A231-TRANSISTOR 2SA1943	3	Q1, Q2, Q3
82231030	0	C2T31-802B251-TRANSISTOR MJE15033	1	Q9
82231031	0	C2T31-802A251-TRANSISTOR MJE15032	1	Q10
82232015	0	C2T32-152B800-TRANSISTOR BD140	1	Q39
82232016	0	C2T32-152A800-TRANSISTOR BD139	1	Q38
82242009	0	C2T42-502A101-TRANSISTOR TIP127	1	Q27
82242010	0	C2T42-502B101-TRANSISTOR TIP122	3	Q14, Q15, Q26
82262022	0	C2T62-333A201-MOSFET IRFP250	4	Q11, Q17, Q21, Q23
82262025	0	C2T62-101A250-FET J107	1	Q33
82312005	0	C2A12-25532 -INTEGRATED CIRCUIT NE5532	2	U2, U3
82531006	0	C2F31-006 -OPTOCOUPLER HPLC-3100	1	U1
83112100	0	C3P12-001T163-FUSE 16AT	1	F2
83112165	0	C3P12-003T302-FUSE 3AT	1	F1
83121006	0	C3P21-006*102-THERMAL SWITCH 67F060-H	1	SW1
83182002	0	C3P82-002 -FUSEHOLDER	4	
83432026	0	C3C32-028M002-CONNECTOR 2P	2	J14, J16
83432095	0	C3C32-031M020-CONNECTOR 20P	1	J15
83432110	0	C3C32-030F024-CONNECTOR 24P	2	J1, J8
83434006	0	C3C34-003M005-MALE FASTON VERTICAL 5 PIN	1	J9-13
83434008	0	C3C34-003M006-MALE FASTON VERTICAL 6 PIN	1	J2-7
83812001	0	C3A12-001 INSULATING WASHER	2	

23020770 REV 1 MID-HIGH FREQUENCY AMPLIFIER ASSEMBLY

32032250	0	BARE PCB DR	37165	1	
81121036	0	C1R21-251J821-RESISTOR STR. 1/4W5% 820		10	R2, R4, R11, R12, R13, R16, R17, R19, R22, R24
81121049	0	C1R21-251J103-RESISTOR STR. 1/4W5% 10K		10	R3, R6, R8, R10, R15, R18, R21, R23, R25, R28
81121053	0	C1R21-251J223-RESISTOR STR. 1/4W5% 22K		4	R5, R14, R20, R29
81121061	0	C1R21-251J104-RESISTOR STR. 1/4W5% 100K		4	R7, R9, R26, R27
81136612	0	C1R36-202J3R3-RESISTOR MET. 2W5% 3,3		2	R1, R30
81413015	0	C1C13-101K224-CAPACITOR.FILM100V10% 220N		2	C1, C14
81413022	0	C1C13-630K474-CAPACITOR.FILM63V10% 470N		2	C2, C13
81421038	0	C1C21-501K221-CAPACITOR.CER.50V10% 220P		4	C3, C6, C8, C10
81521048	0	C1E21-250*220-CAPACITOR.LYTIC. 25V 22U		5	C4, C7, C9, C11, C12
81521049	0	C1E21-250*470-CAPACITOR.LYTIC. 25V 47U		1	C5
82112001	1	C2D12-750*151-DIODE 1N4148		6	D1, D2, D4, D5, D6, D8
82322010	0	C2A22-1*3886 -INTEGRATED CIRCUIT LM3886		4	U1, U2, U3, U4
82512001	0	C2F12-001 GREEN LED		2	D3, D7
83432112	0	C3C32-038M024-MALE CONNECTOR 24 PIN		2	J1, J2