

FRS2800 Parts List

February 2008


PART #	REV	DESCRIPTION	PAGE
0025608-00	A00	FRS2800 FINAL ASSEMBLY - 110V / 120V	2
0025608-01	A00	FRS2800 FINAL ASSEMBLY - 230V / 240V	3
0025538-00	B00	AMPLIFIER PCB ASSEMBLY	3
0025542-00	A00	SWITCH POWER SUPPLY PCB ASSEMBLY - 110V / 120V	8
0025542-01	A00	SWITCH POWER SUPPLY PCB ASSEMBLY - 230V / 240V	12
0025483-00	A00	DISPLAY BOARD PCB ASSEMBLY	15
0025484-00	A00	INPUT BOARD PCB ASSEMBLY	16
0025485-00	A00	OUTPUT BOARD PCB ASSEMBLY	16



Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



0025608-00 REV A00 FRS2800 FINAL ASSEMBLY - 110V / 120V

PART#	REV	DESCRIPTION	QTY	NOTES
0027647	A00	FAN 24VDC 80X80X25MM 57.84CFM	1	FAN
0025435	A00	SHIELD CASE 80X80MM METAL FOR FAN	1	
0025436	A00	FAN 24VDC 60X60X25MM 25.11CFM	1	
0025437	A00	SHIELD CASE 60X60MM METAL FOR FAN	1	
 0025438	A00	CONN POWER 250V 15A UL CSA/250V 10A VDE RECEPTACLE	1	
 0025439	A00	SWITCH ROCKER 4P SPST 125VAC 16A/250VAC 8A UL/CSA PNL	1	SWITCH
760-061-00	A	KNOB VOLUME AMPS	2	
0025319	A00	CABLE RIBBON 28AWG 250MM 20P 2.54MM	1	
0025320	A00	ASSEMBLY CABLE 16AWG 60MM BROWN UL1672 WITH TERM	1	
0025321	A00	ASSEMBLY CABLE 16AWG 60MM BLUE UL1672 WITH TERM	1	
0025322	A00	ASSEMBLY CABLE 16AWG 90MM YELLOW-GREEN UL1015 WITH TERM	1	
0025323	A00	ASSEMBLY CABLE 16AWG 260MM UL1007 WITH 20P TERMS	1	
0024357	A00	SCREW SEMS M3X8 PNH PHILLIP STL NICKEL	21	
0021395	A00	SCREW SELFTAP PLASTIC M3X8 PNH PHILLIP STL BLACK ZN	4	
0025440	A00	PILLAR HEX FEMALE D3X6X17MM COPPER	4	
0025441	A00	SCREW MACH M4X8 FLH PHILLIP STL BLACK ZN	5	
0026662	A00	SCREW MACH M3X6 FLH PHILLIP STL BLACK ZN	18	
0025442	A00	SCREW SELFTAP PLASTIC M3X10 PNH PHILLIP STL BLACK ZN	4	
0025443	A00	SCREW MACH M3X10 PNH PHILLIP STL BLACK ZN	4	
0025444	A00	SCREW SELFTAP PLASTIC M5X14 PNH PHILLIP STL NICKEL	8	
0026665	A00	SCREW SELFTAP PLASTIC M3X10 FLH PHILLIP STL BLACK ZN	6	
0025446	A00	SCREW MACH M3X10 FLH PHILLIP STL BLACK ZN	2	
0025352	A00	NUT HEX D3X5.5X2.5MM STL CLEAR ZN	2	
0025447	A00	WASHER FLAT D3.2X5.5X0.5MM STL NICKEL	2	
0025448	A00	WASHER SPRING D3.2X5.5X1.0 STL NICKEL	2	
0024378	A00	NUT HEX D4X7X3MM STL CLEAR ZN	1	
0024377	A00	WASHER LCK EXT-T D4.2X8.8X1.0MM STL NICKEL	1	
0025449	A00	SCREW MACH M4X10 FLH PHILLIP STL BLACK ZN	8	
0022773	B00	COVER	1	
0022774	B00	FIT PART	2	
0022775-04	A00	CHASSIS WITH SILKSCREEN - FRS2800 (110V / 120V)	1	
0022776-02	A00	FRONT PANEL WITH SILKSCREEN	1	
0023878	A00	SHIELD PART	1	
0025324	A00	MAG FERRITE EMC CLAMP D13MM	1	
0021425	A00	CABLE TIE 123X2.5MM NYL	10	
0025450	A00	SHRINK TUBE D6X25MM	3	
0025451	A00	SHRINK TUBE D25X40MM	1	
0025538-00	B00	AMPLIFIER PCB ASSEMBLY	1	SEE PAGES 3 - 7
0025542-00	A00	SWITCH POWER SUPPLY PCB ASSEMBLY 110V / 120V	1	SEE PAGES 8 - 11
0025483-00	A00	DISPLAY BOARD PCB ASSEMBLY	1	SEE PAGE 15
0025484-00	A00	INPUT BOARD PCB ASSEMBLY	1	SEE PAGE 16
0025485-00	A00	OUTPUT BOARD PCB ASSEMBLY	1	SEE PAGE 16



The 230V / 240V model has the same parts as the 110V / 120V model except as shown below:

0025608-01 REV A00 FRS2800 FINAL ASSEMBLY - 230V / 240V

PART#	REV	DESCRIPTION	QTY	NOTES
0022775-05	A00	CHASSIS WITH SILKSCREEN - FRS2800 (230V / 240V)	1	
0025542-01	A00	SWITCH POWER SUPPLY PCB ASSEMBLY 230V / 240V	1	SEE PAGES 12 - 15

0025538-00 REV B00 AMPLIFIER PCB ASSEMBLY

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS / NOTES
0027534-00	B00	PCB FAB DBL FR4 265X215MM 1.6MM 1 OZ AMPLIFIER BRD	1	
0026417	A00	RES 100 1% 1/10W 0603	9	R57, RA16, RA18, RA21, RB8, RB9, RB16, RB18, RB21
0026482	A00	RES 270 1% 1/10W 0603	6	RA22, RA43, RA57, RB22, RB43, RB57
0026521	A00	RES 470 1% 1/10W 0603	2	RA47, RB47
0026410	A00	RES 1.2K 1% 1/10W 0603	3	R29, R30, R31
0026453	A00	RES 2.2K 1% 1/10W 0603	4	RA44, RA58, RB44, RB58
0026511	A00	RES 3K 1% 1/10W 0603	7	R34, RA36, RA100, RA113, RB36, RB100, RB113
0026516	A00	RES 4.7K 1% 1/10W 0603	21	R40, R48, R49, RA24, RA25, RA40, RA56, RA96, RA97, RA109, RA110, RA126, RB24, RB25, RB40, RB56, RB96, RB97, RB109, RB110, RB126
0026535	A00	RES 5.9K 1% 1/10W 0603	6	RA20, RA99, RA112, RB20, RB99, RB112
0026544	A00	RES 6.8K 1% 1/10W 0603	1	R35
0026424	A00	RES 10K 1% 1/10W 0603	41	R19, R20, R22, R26, R33, R39, R46, R47, R50, R51, R54, R55, R70, R78, R81, R82, RA1, RA2, RA3, RA4, RA11, RA13, RA15, RA17, RA32, RA33, RA34, RA48, RB1, RB2, RB3, RB4, RB7, RB11, RB13, RB15, RB17, RB32, RB33, RB34, RB48
0026432	A00	RES 12K 1% 1/10W 0603	7	R38, RA46, RA51, RA101, RB46, RB51, RB101
0026441	A00	RES 15K 1% 1/10W 0603	7	R32, RA5, RA14, RA128, RB5, RB14, RB128
0026464	A00	RES 20K 1% 1/10W 0603	5	R76, R79, R86, RA12, RB12
0026499	A00	RES 30K 1% 1/10W 0603	3	R27, R73, R85
0026509	A00	RES 39K 1% 1/10W 0603	11	R77, RA19, RA41, RA55, RA60, RA73, RB19, RB41, RB55, RB60, RB73
0026528	A00	RES 47K 1% 1/10W 0603	16	R36, R41, R43, R52, R53, R80, RA6, RA10, RA35, RA108, RA125, RB6, RB10, RB35, RB108, RB125
0026421	A00	RES 100K 1% 1/10W 0603	5	R24, R25, R56, R71, R84
0026437	A00	RES 150K 1% 1/10W 0603	2	RA23, RB23
0027535	A00	RES 330K 1% 1/10W 0603	1	R75
0026451	A00	RES 1M 1% 1/10W 0603	1	R45

continued



Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.




Amplifier PCB Assembly continued

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS / NOTES
0026468	A00	RES 22 1% 1/4W 1206	18	R60, R61, R62, R64, R65, R87, RA26, RA27, RA30, RA31, RA102, RA116, RB26, RB27, RB30, RB31, RB102, RB116
0026556	A00	RES 82 1% 1/4W 1206	4	RA49, RA50, RB49, RB50
0026418	A00	RES 100 1% 1/4W 1206	4	RA45, RA52, RB45, RB52
0026460	A00	RES 200 1% 1/4W 1206	4	RA61, RA74, RB61, RB74
0026448	A00	RES 1K 1% 1/4W 1206	2	R23, R74
0026491	A00	RES 3.3K 1% 1/4W 1206	2	R28, R42
0027536	A00	RES 33K 1% 1/4W 1206	4	R72, R83, RA120, RB120
0026423	A00	RES 105K 1% 1/4W 1206	12	RA39, RA42, RA53, RA54, RA59, RA72, RB39, RB42, RB53, RB54, RB59, RB72
0026616	A00	RES MET 33K 1% 1/4W	2	RA37, RB37
0021373	A01	RES MET-OX 22 5% 1W	4	RA62, RA75, RB62, RB75
0026623	A00	RES MET-OX 0.47 5% 2W	26	RA63, RA64, RA65, RA66, RA67, RA68, RA69, RA70, RA76, RA77, RA78, RA79, RA80, RB63, RB64, RB65, RB66, RB67, RB76, RB77, RB78, RB79, RB80, RB81, RB82, RB83
0026624	A00	RES MET-OX 0.56 5% 2W	6	RA81, RA82, RA83, RB68, RB69, RB70
0026647	A00	RES MET-OX 5.6 5% 2W	4	RA71, RA121, RB71, RB121
0026633	A00	RES MET-OX 15 5% 2W	8	RA122, RA123, RA124, RA127, RB122, RB123, RB124, RB127
0026203	A00	CAP 33PF 50V 5% NPO 0603	6	CA9, CA60, CA61, CB9, CB60, CB61
0027057	A00	CAP 100PF 50V 10% X7R 0603	8	CA1, CA2, CA8, CA17, CB1, CB2, CB8, CB17
0026212	A00	CAP 470PF 50V 10% X7R 0603	6	CA12, CA20, CA21, CB12, CB20, CB21
0026197	A00	CAP 2700PF 50V 10% X7R 0603	6	CA13, CA16, CA19, CB13, CB16, CB19
0026125	A00	CAP 0.1UF 50V 5% X7R 0603	9	C14, C15, C28, C40, C43, CA51, CB51, CB62, CB63
0026406	A00	POT TRIM 500 DIP 0.1W	2	VA1, VB1
0026117	A00	CAP 0.1UF 250V 10% METALLIZED POLYPROPYLENE FILM RADIAL	6	CA34, CA41, CA52, CB34, CB41, CB52
0026105	A00	CAP 0.022UF 400V 10% METALLIZED POLYESTER FILM RADIAL	2	CA53, CB53
0026127	A00	CAP 0.1UF 63V 10% METALLIZED POLYESTER FILM BOX RADIAL	3	CA4, CB4, CG1
0026136	A00	CAP 0.33UF 63V 5% METALLIZED POLYESTER FILM BOX RADIAL	2	CA3, CB3
0026196	A00	CAP 22UF 50V 20% 85C AL NP RADIAL	8	CA5, CA6, CA14, CA50, CB5, CB6, CB14, CB50
0026167	A00	CAP 10UF 50V 20% 105C AL RADIAL	11	C5, C23, C24, C25, C41, C42, C44, CA7, CA32, CB7, CB32

continued



Amplifier PCB Assembly continued

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS / NOTES
0026221	A00	CAP 47UF 50V 20% 105C AL RADIAL	4	CA15, CA18, CB15, CB18
0026158	A00	CAP 100UF 25V 20% 105C AL RADIAL	17	C6, C20, C21, C22, C26, C29, C45, C60, C61, CA10, CA11, CA31, CA40, CB10, CB11, CB31, CB40
0026156	A00	CAP 100UF 100V 20% 105C AL RADIAL	12	C1, C2, C3, C4, CA23, CA25, CA35, CA42, CB23, CB25, CB35, CB42
0026282	A00	DIODE GP 1N5404 400V 3.0A DO-201AD	4	DA6, DA11, DB6, DB11
0026306	A00	DIODE SW LL4148 100V 0.15A MINI-MELF/LL-34	42	D6, D9, D10, D30, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40, D41, D42, D43, D44, D45, D46, DA1, DA2, DA4, DA5, DA8, DA9, DA10, DA12, DA20, DA21, DA23, DB1, DB2, DB4, DB5, DB8, DB9, DB10, DB12, DB20, DB21, DB23
0026303	A00	DIODE SUPERFAST UF4004 400V 1A 50NS DO-41	4	DA3, DA7, DB3, DB7
0026283	A00	DIODE GP GS1G 400V 1A SMA/DO-214AC	2	D7, D8
0026692	A00	THYRISTOR MCR100-6 400V 0.8A TO-92	4	MA1, MA2, MB1, MB2
0026727	A00	XSTR POWER 2SC5200 NPN 230V 15A TO-3PL	8	QA25, QA26, QA27, QA28, QB25, QB26, QB27, QB28
0026724	A00	XSTR POWER 2SA1943 PNP 230V 15A TO-3PL	8	QA20, QA21, QA22, QA23, QB20, QB21, QB22, QB23
0026726	A00	XSTR POWER 2SC4793 NPN 230V 1A TO-220AB	2	QA12, QB12
0026723	A00	XSTR POWER 2SA1837 PNP 230V 1A TO-220AB	2	QA15, QB15
0026729	A00	XSTR POWER MJE15032 NPN 250V 8A TO-220AB	2	QA24, QB24
0026730	A00	XSTR POWER MJE15033 PNP 250V 8A TO-220AB	2	QA19, QB19
0026709	A00	XSTR GP 2N5551 NPN 160V 0.6A TO-92	7	Q30, QA5, QA6, QA13, QB5, QB6, QB13
0026708	A00	XSTR GP 2N5401 PNP 160V 0.6A TO-92	2	QA14, QB14
0026717	A00	XSTR GP MMBT5551LT1 NPN 180V 0.6A SOT-23	20	Q40, Q41, Q42, Q43, QA4, QA11, QA17, QA18, QA31, QA33, QA40, QA41, QB4, QB11, QB17, QB18, QB31, QB33, QB40, QB41
0026716	A00	XSTR GP MMBT5401 PNP 150V 0.6A SOT-23	11	Q33, QA9, QA10, QA16, QA30, QA34, QB9, QB10, QB16, QB30, QB34
0026710	A00	XSTR GP A42 NPN 300V 0.5A TO-92	2	QA7, QB7
0026711	A00	XSTR GP A92 PNP 300V 0.5A TO-92	2	QA8, QB8
0026731	A00	XSTR POWER TIP31C NPN 100V 3A TO-220AB	1	Q31
0026720	A00	XSTR JFET N-CH J112 35V 50MA TO-92	2	QA1, QB1
0026364	A00	IND AIR CORE 1.5UH 10A RADIAL	2	LA1, LB1
 0026355	A00	IC VREG ADJ 2.5-36V 0.1A TO-92	1	IC5
0026351	A00	IC TEMPERATURE SENSOR LM19CIZ -55C-130C TO-92	2	IC6, IC7
0026340	A00	IC OP AMP AS324AM-E1 QUAD SO-14	1	IC8
0026334	A00	IC COM AS339MTR-E1 QUAD SO-14	1	IC9
0026342	A00	IC OP AMP LM833MX DUAL SOP-8	5	IC11, UA1, UA2, UB1, UB2
0026333	A00	IC AMP NJM13700M DUAL SOP-16	1	IC10



continued



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Amplifier PCB Assembly continued

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS / NOTES
0026335	A00	IC COM AZ393MTR-E1 DUAL SO-8	1	IC12
0026389	A00	OPTO 1 CHANNEL 70V 200-400 4-DIP	2	PH1, PH2
0026407	A00	RELAY DPDT 12VDC 2A	2	REL1, REL2
0026251	A00	CONN HDR 3P 2.54MM MALE CRMP TOP ENTRY PCB	2	CON8, CON9
0026248	A00	CONN HDR 2X10P 2.54MM MALE STR TOP ENTRY PCB	1	CON5
0026249	A00	CONN HDR 2X10P 4.2MM MALE STR TOP ENTRY PCB	1	CON10
0027538	A00	THERM NTC 1K 5%	2	NTC1, NTC2
 0026325	A00	FUSE PTC 0.5A DISC	1	R37
 0025360	A00	HEATSINK AMPLIFIER	1	HEATSINK FOR Q31
0025299	A00	ASSY CABLE 16AWG 70MM BROWN UL1015 WITH TERM	1	A-
0025300	A00	ASSY CABLE 16AWG 70MM BLUE UL1015 WITH TERM	1	B+
0025301	A00	ASSY CABLE 16AWG 70MM RED UL1015 WITH TERM	1	A+
0025302	A00	ASSY CABLE 16AWG 70MM YELLOW UL1015 WITH TERM	1	B-
0025303	A01	ASSY CABLE 26AWG 70MM WITH 6P 2.54MM TERMS	1	FROM AMP PCBA CON6 TO DISPLAY PCBA CON2
0025304	A01	ASSY CABLE 26AWG 60MM WITH 7P 2.54MM TERMS	1	CON7
0025305	A00	ASSY CABLE 26AWG 200MM WITH 7P 2.54MM TERMS	1	CON4
0026674	A00	SCREW SEMS M3X14 PNH PHILLIP STL NICKEL	28	BIG TRANSISTOR (16) MOSFET (8) FOR PLASTIC STANDOFF (4)
0026671	A00	SCREW SEMS M3X10 PNH PHILLIP STL NICKEL	19	SMALL TRANSISTOR (9) HEATSINK & PCB (4) INSU- LATION (6)
0022894	A00	HEATSINK - LEFT	1	
0022893	A00	HEATSINK - RIGHT	1	
0022895	A00	STANDOFF PLASTIC	4	
0023038	A00	INSULATION PAPER	1	FOR HEATSINK
0023036	A00	INSULATION PAPER HORIZON	1	FOR HEATSINK AND PCB
0026678	A00	SHRINK TUBE D2X5MM BLACK	4	FOR THERM NTC
0026679	A00	SHRINK TUBE D5X10MM BLACK	2	FOR THERM NTC
0026973	A00	CAP 47UF 25V 20% 105C AL RADIAL	1	C7
0026315	A00	DIODE ZENER 1N5231B 5.1V 5% DO-35	4	ZA2, ZA6, ZB2, ZB6
0021441	A01	CONN HDR 6P 2.54MM MALE CRMP TOP ENTRY PCB	1	CON6
0026523	A00	RES 470K 1% 1/10W 0603	4	RA98, RA111, RB98, RB111
0026486	A00	RES 2K 1% 1/4W 1206	2	RA38, RB38
0026438	A00	RES 150K 1% 1/4W 1206	8	RA93, RA94, RA106, RA107, RB93, RB94, RB106, RB107
0027537	A00	RES 330K 1% 1/4W 1206	2	R63, R66
0026638	A00	RES MET-OX 300 5% 1W	4	RA95, RA105, RB95, RB105
0026626	A00	RES MET-OX 1.5 5% 2W	4	RA103, RA117, RB103, RB117
0026636	A00	RES MET-OX 2.2K 5% 2W	8	RA90, RA104, RA114, RA115, RA115, RB90, RB104, RB114
0026649	A00	RES MET-OX 5.6K 5% 2W	4	RA91, RA92, RB91, RB92
0026228	A00	CAP 56PF 50V 5% NPO 0603	2	CA37, CB37
0026227	A00	CAP 56PF 100V 5% NPO 1206	4	CA33, CA39, CB33, CB39

continued



Amplifier PCB Assembly continued

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS / NOTES
0026109	A00	CAP 0.047UF 400V 10% METALLIZED POLYESTER FILM RADIAL	4	CA30, CA36, CB30, CB36
0026312	A00	DIODE ZENER 1N4744A-G 15V 5% DO-41	4	ZA1, ZA5, ZB1, ZB5
0026311	A00	DIODE ZENER 1N4740A 10V 5% DO-41	4	ZA3, ZA4, ZB3, ZB4
0026295	A00	DIODE SUPERFAST MUR1520 200V 15A 35NS TO-220AC	4	DA22, DA24, DB22, DB24
0024793	A00	FIT CLIP TO220	4	DA22&QA32, DA24&QA35, DB22&QB32, DB24&QB35
0025432	A00	INSULATOR 27X19X0.1MM MICA	4	DA22&QA32, DA24&QA35, DB22&QB32, DB24&QB35
0026336	A00	IC COM LM311D DUAL SOP-8	4	UA3, UA4, UB3, UB4
0026705	A00	XSTR FET N-CH IRFZ44V 60V 55A TO-220AB	4	QA32, QA35, QB32, QB35
0026733	A00	RES MET-OX 5.6 5% 1W	1	R18



Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



0025542-00 REV A00 SWITCH POWER SUPPLY PCB ASSEMBLY - 110V / 120V

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS
0027539-00	A00	PCB FAB DOUBLE FR4 280X175MM 1.6MM 1 OZ SWITCH POWER BOARD	1	
0021368	A01	RES 10 5% 1/4W 1206	1	R44
0026470	A00	RES 22 5% 1/4W 1206	4	R7, R8, R14, R15
0026420	A00	RES 100 5% 1/4W 1206	4	R18, R25, R62, R63
0026460	A00	RES 200 1% 1/4W 1206	1	R11
0026450	A00	RES 1K 5% 1/4W 1206	2	R9, R10
0026455	A00	RES 2.2K 5% 1/4W 1206	2	R32, R42
0026493	A00	RES 3.3K 5% 1/4W 1206	2	R56, R57
0021335	A01	RES 4.7K 5% 1/4W 1206	2	R17, R79
0026425	A00	RES 10K 1% 1/4W 1206	5	R26, R30, R64, R65, R66
0026530	A00	RES 47K 5% 1/4W 1206	2	R67, R69
0026431	A00	RES 120K 5% 1/4W 1206	2	R68, R78
0026498	A00	RES 300K 5% 1/4W 1206	4	R53, R55, R76, R77
0026524	A00	RES 470K 1% 1/4W 1206	6	R27, R28, R35, R36, R39, R40
0026419	A00	RES 100 5% 1/10W 0603	2	R13, R71
0026522	A00	RES 470 5% 1/10W 0603	1	R73
0026449	A00	RES 1K 5% 1/10W 0603	3	R41, R46, R59
0026517	A00	RES 4.7K 5% 1/10W 0603	3	R23, R48, R58
0026518	A00	RES 4.99K 1% 1/10W 0603	1	R50
0026426	A00	RES 10K 5% 1/10W 0603	2	R47, R51
0026432	A00	RES 12K 1% 1/10W 0603	2	R12, R24
0026442	A00	RES 16.2K 1% 1/10W 0603	1	R29
0026484	A00	RES 27K 1% 1/10W 0603	1	R38
0026479	A00	RES 24.9K 1% 1/10W 0603	1	R49
0026509	A00	RES 39K 1% 1/10W 0603	1	R34
0026528	A00	RES 47K 1% 1/10W 0603	4	R31, R37, R54, R72
0026422	A00	RES 100K 5% 1/10W 0603	2	R21, R22
0026508	A00	RES 390K 5% 1/10W 0603	2	R33, R70
0026175	A00	CAP 1UF 50V 10% X7R 1206	1	C34
0026134	A00	CAP 0.22UF 50V 10% X7R 1206	1	C30
0026124	A00	CAP 0.1UF 50V 10% X7R 1206	6	C16, C17, C19, C44, C69, C71
0026146	A00	CAP 1000PF 100V 10% X7R 1206	2	C76, C77
0026149	A00	CAP 1000PF 50V 10% X7R 1206	3	C20, C35, C80
0026209	A00	CAP 470PF 100V 10% X7R 1206	1	C75
0026125	A00	CAP 0.1UF 50V 5% X7R 0603	7	C26, C28, C29, C31, C66, C67, C81
0026197	A00	CAP 2700PF 50V 10% X7R 0603	1	C21
0026148	A00	CAP 1000PF 50V 10% X7R 0603	1	C25
0026212	A00	CAP 470PF 50V 10% X7R 0603	1	C27
0026640	A00	RES MET-OX 30K 5% 2W MINI	2	R2, R3
0026651	A00	RES MET-OX 56 5% 2W MINI	1	R16
0026648	A00	RES MET-OX 5.6 5% 2W MINI	3	R5, R6, R52
0026625	A00	RES MET-OX 1 5% 1W	1	R43
0026633	A00	RES MET-OX 15 5% 2W	1	R4

continued



Switch Power Supply PCB Assembly continued

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS
0026646	A00	RES MET-OX 5.1K 5% 2W	2	R60, R61
0026655	A00	RES MET-OX 68K 5% 2W MINI	1	R45
0026641	A00	RES MET-OX 330K 5% 2W MINI	1	R1
0026656	A00	RES MET-OX 820 5% 3W	2	R19, R20
0026644	A00	RES MET-OX 470 5% 1W MINI	2	R74, R75
0026200	A00	CAP 3300PF 250V 20% Y1 DISC	2	C3, C4
0026095	A00	CAP 2200PF 250V 20% Y1 DISC	2	C11, C68
0026147	A00	CAP 1000PF 250V 20% Y1 DISC	1	C70
0026174	A00	CAP 1UF 275V 10% X2 RADIAL	2	C1, C2
0026138	A00	CAP 0.47UF 275V 10% X2 RADIAL	1	C5
0026119	A00	CAP 0.1UF 275V 10% X2 RADIAL	1	C6
0026184	A00	CAP 2200UF 200V 20% 85C AL RADIAL	4	C7, C8, C9, C10
0021349	A01	CAP 220UF 16V 20% 85C AL RADIAL	1	C65
0026167	A00	CAP 10UF 50V 20% 105C AL RADIAL	4	C18, C24, C33, C79
0026157	A00	CAP 100UF 25V 20% 105C AL LESR RADIAL	1	C37
0026219	A00	CAP 47UF 25V 20% 105C AL LESR RADIAL	2	C36, C78
0027540	A00	CAP 470UF 63V 20% 105C AL LESR RADIAL	10	C45, C46, C47, C48, C49, C60, C61, C62, C63, C64
0026215	A00	CAP 470UF 100V 20% 105C AL LESR RADIAL	10	C50, C51, C52, C53, C54, C55, C56, C57, C58, C59
0026217	A00	CAP 470UF 25V 20% 105C AL LESR RADIAL	6	C40, C41, C42, C43, C72, C73
0026199	A00	CAP 3300PF 100V 10% POLYPROPYLENE FILM RADIAL	1	C22
0026120	A00	CAP 0.1UF 400V 10% METALLIZED POLYESTER FILM RADIAL	3	C12, C32, C39
0026140	A00	CAP 0.47UF 400V 5% METALLIZED POLYPROPYLENE FILM AXIAL	1	C13
0026144	A00	CAP 1000PF 1000V 10% CER DISC	2	C38, C74
0027541	A00	CAP 330PF 500V 5% MICA RADIAL	2	C14, C15
0027542	A00	CAP 100PF 500V 5% MICA RADIAL	1	C23
0026274	A00	DIODE BRIDGE RBV5006 600V 50A RBV25	1	BR1
0026283	A00	DIODE GP GS1G 400V 1A SMA/DO-214AC	3	D4, D24, D25
0026287	A00	DIODE SCHOTTKY SS0540 40V 0.5A SOD-123	4	D20, D21, D22, D23
0026306	A00	DIODE SW LL4148 100V 0.15A MINI-MELF/LL-34	4	D3, D5, D6, D19
0026291	A00	DIODE SUPERFAST ER1D 200V 1A 35NS SMB/DO-214AA	7	D7, D10, D11, D26, D27, D28, D29
0026288	A00	DIODE SOFT RECOVERY DSEP30-04A 400V 30A TO-247AD	4	D8, D12, D17, D18
0026294	A00	DIODE SUPERFAST ER504 400V 5A 35NS DO-201AD	2	D1, D2
0026277	A00	DIODE FAST 1N4937 600V 1A 200NS DO-41	1	D9
0026323	A00	DIODE ZENER GLZ5.1B 5.1V MELF	1	ZD1
0026322	A00	DIODE ZENER GLZ18C 18V MELF	1	ZD2
0026295	A00	DIODE SUPERFAST MUR1520 200V 15A 35NS TO-220AC	4	D13, D14, D15, D16
0026712	A00	XSTR GP MMBT3904 NPN 40V 0.2A SOT-23	7	Q5, Q6, Q7, Q9, Q10, Q11, Q12
0026713	A00	XSTR GP MMBT3906 PNP 40V 0.2A SOT-23	1	Q8

continued



Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



Switch Power Supply PCB Assembly continued

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS
0021356	A01	XSTR GP SS8550 PNP 40V 1.5A TO-92	2	Q3, Q4
0027543	A00	XSTR IGBT IRG4PC50U 600V 27A TO-247AC	2	Q1, Q2
0026692	A00	THYRISTOR MCR100-6 400V 0.8A TO-92	1	SCR1
0026389	A00	OPTO 1 CHANNEL 70V 200-400 4-DIP	4	U4, U5, U7, U9
0026348	A00	IC PWM KA3525A VOLTAGE-MODE CONTROLLER DIP-16	1	U2
! 0026355	A00	IC VREG ADJ 2.5-36V 0.1A TO-92	1	U8
0026347	A00	IC PWM ICE2A165 OFF-LINE CURRENT MODE DIP-8	1	U6
0026353	A00	IC TIMER NE556D SO14	1	U1
0026334	A00	IC COM AS339MTR-E1 QUAD SO-14	1	U3
0025306	A00	XFMR SW 115V/230V +/-95V 9A 1710W	1	T1
0025948	100	XFMR DRIVER 15V 15V/15V 0.1A 3W	1	T2
0025308	A00	XFMR SW 115V/230V +/-15V 0.5A 15W	1	T3
0025309	A00	IND COM 2.2MH MIN 20A TOROID	2	L1, L2
0025310	A00	IND SW 2UH 2A RADIAL	2	L4, L5
0025311	A00	IND SW 2UH 20A TORI	1	L3
0025312	A00	WIRE JUMPER 20AWG 60MM	6	FOR L6, FOR L7, FOR L8, FOR L9, FOR L10, FOR L11
0026387	A00	MAG FERRITE BEAD 9.8X11.5X1.0MM D5A	6	L6, L7, L8, L9, L10, L11
0026408	A00	RELAY POWER SPST-ON 250VAC 30A	1	K1
0026685	A00	SWITCH THERM 100C 1A TO-220AC	1	K2
! 0027544	A00	FUSE SB 25A/250V 6.35X32MM UL/CSA	1	F1
0026233	A00	CLIP 6.35MM COPPER TIN PCB	2	CLIP-F1-1, CLIP-F1-2
0026686	A00	TERM 14X8X0.8MM BRS	2	CN1, CN2
0026388	A00	MOV 470VAC DISC 14MM	1	VDR1
0026689	A00	THERM NTC INRUSH CURRENT LIMITER 5 12A D20MM	2	TH1, TH2
0026249	A00	CONN HDR 2X10P 4.2MM MALE STR TOP ENTRY PCB	1	CN4
0026254	A00	CONN HDR 7P 2.54MM MALE CRMP TOP ENTRY PCB	1	CN3
0025313	A00	WIRE JUMPER 13AWG 7.5MM	1	JP2
0025314	A00	WIRE JUMPER 13AWG 12.5MM	1	JP3
0023880	A00	HEATSINK - 1 SPS	1	HS1
0023881	A00	HEATSINK - 2 SPS	1	HS2
0026674	A00	SCREW SEMS M3X14 PNH PHILLIP STL NICKEL	8	SCREW FOR BR1, SCREW FOR D8, SCREW FOR D12, SCREW FOR D17, SCREW FOR D18, SCREW FOR K2, SCREW FOR Q1, SCREW FOR Q2
0027545	A00	SCREW MACH M4X18 FLH PHILLIP STL NICKEL	2	SCREW 1 FOR HS2, SCREW 2 FOR HS2
0024374	A00	SCREW MACH M4X12 PNH PHILLIP STL NICKEL	2	SCREW 1 FOR HS1, SCREW 2 FOR HS1
0024377	A00	WASHER LCK EXT-T D4.2X8.8X1.0MM STL NICKEL	2	WASHER 1 FOR HS1, WASHER 2 FOR HS1
0023876	A00	HEATSINK - FIT PART	1	FIT PART FOR HS2
0023877	A00	INSULATOR 80X26X2.0MM FR-4	1	INSULATOR 1 FOR HS2

continued



Switch Power Supply PCB Assembly continued

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS
0023879	A00	INSULATOR 96X32X0.2MM SILICON RUBBER	2	INSULATOR 2 FOR HS2, INSULATOR FOR HS1
0025433	A00	INSULATOR 25X20X0.1MM MICA	6	INSULATOR FOR D8, INSULATOR FOR D12, INSULATOR FOR D17, INSULATOR FOR D18, INSULATOR FOR Q1, INSULATOR FOR Q2
0025316	A00	ASSEMBLY CABLE 16AWG 230MM RED UL1672 WITH TERM	1	W5 TO POWER SWITCH
0025317	A00	ASSEMBLY CABLE 16AWG 190MM BROWN UL1672 WITH TERM	1	W4 TO POWER SWITCH
0025318	A00	ASSEMBLY CABLE 18AWG 250MM BLUE UL1672 WITH TERM	1	W6 TO POWER SWITCH



Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



0025542-01 REV A00 SWITCH POWER SUPPLY PCB ASSEMBLY - 230V / 240V

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS
0027539-00	A00	PCB FAB DOUBLE FR4 280X175MM 1.6MM 1 OZ SWITCH POWER BOARD	1	
0021368	A01	RES 10 5% 1/4W 1206	1	R44
0026470	A00	RES 22 5% 1/4W 1206	4	R7, R8, R14, R15
0026420	A00	RES 100 5% 1/4W 1206	4	R18, R25, R62, R63
0026460	A00	RES 200 1% 1/4W 1206	1	R11
0026450	A00	RES 1K 5% 1/4W 1206	2	R9, R10
0026455	A00	RES 2.2K 5% 1/4W 1206	2	R32, R42
0026493	A00	RES 3.3K 5% 1/4W 1206	2	R56, R57
0021335	A01	RES 4.7K 5% 1/4W 1206	2	R17, R79
0026425	A00	RES 10K 1% 1/4W 1206	5	R26, R30, R64, R65, R66
0026530	A00	RES 47K 5% 1/4W 1206	2	R67, R69
0026431	A00	RES 120K 5% 1/4W 1206	2	R68, R78
0026498	A00	RES 300K 5% 1/4W 1206	4	R53, R55, R76, R77
0026524	A00	RES 470K 1% 1/4W 1206	6	R27, R28, R35, R36, R39, R40
0026419	A00	RES 100 5% 1/10W 0603	2	R13, R71
0026522	A00	RES 470 5% 1/10W 0603	1	R73
0026449	A00	RES 1K 5% 1/10W 0603	3	R41, R46, R59
0026517	A00	RES 4.7K 5% 1/10W 0603	3	R23, R48, R58
0026518	A00	RES 4.99K 1% 1/10W 0603	1	R50
0026426	A00	RES 10K 5% 1/10W 0603	2	R47, R51
0026432	A00	RES 12K 1% 1/10W 0603	2	R12, R24
0026442	A00	RES 16.2K 1% 1/10W 0603	1	R29
0026484	A00	RES 27K 1% 1/10W 0603	1	R38
0026479	A00	RES 24.9K 1% 1/10W 0603	1	R49
0026509	A00	RES 39K 1% 1/10W 0603	1	R34
0026528	A00	RES 47K 1% 1/10W 0603	4	R31, R37, R54, R72
0026422	A00	RES 100K 5% 1/10W 0603	2	R21, R22
0026508	A00	RES 390K 5% 1/10W 0603	2	R33, R70
0026175	A00	CAP 1UF 50V 10% X7R 1206	1	C34
0026134	A00	CAP 0.22UF 50V 10% X7R 1206	1	C30
0026124	A00	CAP 0.1UF 50V 10% X7R 1206	6	C16, C17, C19, C44, C69, C71
0026146	A00	CAP 1000PF 100V 10% X7R 1206	2	C76, C77
0026149	A00	CAP 1000PF 50V 10% X7R 1206	3	C20, C35, C80
0026209	A00	CAP 470PF 100V 10% X7R 1206	1	C75
0026125	A00	CAP 0.1UF 50V 5% X7R 0603	7	C26, C28, C29, C31, C66, C67, C81
0026197	A00	CAP 2700PF 50V 10% X7R 0603	1	C21
0026148	A00	CAP 1000PF 50V 10% X7R 0603	1	C25
0026212	A00	CAP 470PF 50V 10% X7R 0603	1	C27
0026640	A00	RES MET-OX 30K 5% 2W MINI	2	R2, R3
0026651	A00	RES MET-OX 56 5% 2W MINI	1	R16
0026648	A00	RES MET-OX 5.6 5% 2W MINI	3	R5, R6, R52
0026625	A00	RES MET-OX 1 5% 1W	1	R43
0026633	A00	RES MET-OX 15 5% 2W	1	R4

continued



Switch Power Supply PCB Assembly continued

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS
0026646	A00	RES MET-OX 5.1K 5% 2W	2	R60, R61
0026655	A00	RES MET-OX 68K 5% 2W MINI	1	R45
0026641	A00	RES MET-OX 330K 5% 2W MINI	1	R1
0026656	A00	RES MET-OX 820 5% 3W	2	R19, R20
0026644	A00	RES MET-OX 470 5% 1W MINI	2	R74, R75
0026200	A00	CAP 3300PF 250V 20% Y1 DISC	2	C3, C4
0026095	A00	CAP 2200PF 250V 20% Y1 DISC	2	C11, C68
0026147	A00	CAP 1000PF 250V 20% Y1 DISC	1	C70
0026174	A00	CAP 1UF 275V 10% X2 RADIAL	2	C1, C2
0026138	A00	CAP 0.47UF 275V 10% X2 RADIAL	1	C5
0026119	A00	CAP 0.1UF 275V 10% X2 RADIAL	1	C6
0026184	A00	CAP 2200UF 200V 20% 85C AL RADIAL	4	C7, C8, C9, C10
0021349	A01	CAP 220UF 16V 20% 85C AL RADIAL	1	C65
0026167	A00	CAP 10UF 50V 20% 105C AL RADIAL	4	C18, C24, C33, C79
0026157	A00	CAP 100UF 25V 20% 105C AL LESR RADIAL	1	C37
0026219	A00	CAP 47UF 25V 20% 105C AL LESR RADIAL	2	C36, C78
0027540	A00	CAP 470UF 63V 20% 105C AL LESR RADIAL	10	C45, C46, C47, C48, C49, C60, C61, C62, C63, C64
0026215	A00	CAP 470UF 100V 20% 105C AL LESR RADIAL	10	C50, C51, C52, C53, C54, C55, C56, C57, C58, C59
0026217	A00	CAP 470UF 25V 20% 105C AL LESR RADIAL	6	C40, C41, C42, C43, C72, C73
0026199	A00	CAP 3300PF 100V 10% POLYPROPYLENE FILM RADIAL	1	C22
0026120	A00	CAP 0.1UF 400V 10% METALLIZED POLYESTER FILM RADIAL	3	C12, C32, C39
0026140	A00	CAP 0.47UF 400V 5% METALLIZED POLYPROPYLENE FILM AXIAL	1	C13
0026144	A00	CAP 1000PF 1000V 10% CER DISC	2	C38, C74
0027541	A00	CAP 330PF 500V 5% MICA RADIAL	2	C14, C15
0027542	A00	CAP 100PF 500V 5% MICA RADIAL	1	C23
0026274	A00	DIODE BRIDGE RBV5006 600V 50A RBV25	1	BR1
0026283	A00	DIODE GP GS1G 400V 1A SMA/DO-214AC	3	D4, D24, D25
0026287	A00	DIODE SCHOTTKY SS0540 40V 0.5A SOD-123	4	D20, D21, D22, D23
0026306	A00	DIODE SW LL4148 100V 0.15A MINI-MELF/LL-34	4	D3, D5, D6, D19
0026291	A00	DIODE SUPERFAST ER1D 200V 1A 35NS SMB/DO-214AA	7	D7, D10, D11, D26, D27, D28, D29
0026288	A00	DIODE SOFT RECOVERY DSEP30-04A 400V 30A TO-247AD	4	D8, D12, D17, D18
0026294	A00	DIODE SUPERFAST ER504 400V 5A 35NS DO-201AD	2	D1, D2
0026277	A00	DIODE FAST 1N4937 600V 1A 200NS DO-41	1	D9
0026323	A00	DIODE ZENER GLZ5.1B 5.1V MELF	1	ZD1
0026322	A00	DIODE ZENER GLZ18C 18V MELF	1	ZD2
0026295	A00	DIODE SUPERFAST MUR1520 200V 15A 35NS TO-220AC	4	D13, D14, D15, D16
0026712	A00	XSTR GP MMBT3904 NPN 40V 0.2A SOT-23	7	Q5, Q6, Q7, Q9, Q10, Q11, Q12
0026713	A00	XSTR GP MMBT3906 PNP 40V 0.2A SOT-23	1	Q8

continued



Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



Switch Power Supply PCB Assembly continued

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS
0021356	A01	XSTR GP SS8550 PNP 40V 1.5A TO-92	2	Q3, Q4
0027543	A00	XSTR IGBT IRG4PC50U 600V 27A TO-247AC	2	Q1, Q2
0026692	A00	THYRISTOR MCR100-6 400V 0.8A TO-92	1	SCR1
0026389	A00	OPTO 1 CHANNEL 70V 200-400 4-DIP	4	U4, U5, U7, U9
0026348	A00	IC PWM KA3525A VOLTAGE-MODE CONTROLLER DIP-16	1	U2
! 0026355	A00	IC VREG ADJ 2.5-36V 0.1A TO-92	1	U8
0026347	A00	IC PWM ICE2A165 OFF-LINE CURRENT MODE DIP-8	1	U6
0026353	A00	IC TIMER NE556D SO14	1	U1
0026334	A00	IC COM AS339MTR-E1 QUAD SO-14	1	U3
0025306	A00	XFMR SW 115V/230V +/-95V 9A 1710W	1	T1
0025948	100	XFMR DRIVER 15V 15V/15V 0.1A 3W	1	T2
0025308	A00	XFMR SW 115V/230V +/-15V 0.5A 15W	1	T3
0025309	A00	IND COM 2.2MH MIN 20A TOROID	2	L1, L2
0025310	A00	IND SW 2UH 2A RADIAL	2	L4, L5
0025311	A00	IND SW 2UH 20A TORI	1	L3
0025312	A00	WIRE JUMPER 20AWG 60MM	6	FOR L6, FOR L7, FOR L8, FOR L9, FOR L10, FOR L11
0026387	A00	MAG FERRITE BEAD 9.8X11.5X1.0MM D5A	6	L6, L7, L8, L9, L10, L11
0026408	A00	RELAY POWER SPST-ON 250VAC 30A	1	K1
0026685	A00	SWITCH THERM 100C 1A TO-220AC	1	K2
! 0027544	A00	FUSE SB 25A/250V 6.35X32MM UL/CSA	1	F1
0026233	A00	CLIP 6.35MM COPPER TIN PCB	2	CLIP-F1-1, CLIP-F1-2
0026686	A00	TERM 14X8X0.8MM BRS	2	CN1, CN2
0026388	A00	MOV 470VAC DISC 14MM	1	VDR1
0026689	A00	THERM NTC INRUSH CURRENT LIMITER 5 12A D20MM	2	TH1, TH2
0026249	A00	CONN HDR 2X10P 4.2MM MALE STR TOP ENTRY PCB	1	CN4
0026254	A00	CONN HDR 7P 2.54MM MALE CRMP TOP ENTRY PCB	1	CN3
0025315	A00	WIRE JUMPER 13AWG 22MM	1	JP1
0023880	A00	HEATSINK - 1 SPS	1	HS1
0023881	A00	HEATSINK - 2 SPS	1	HS2
0026674	A00	SCREW SEMS M3X14 PNH PHILLIP STL NICKEL	8	SCREW FOR BR1, SCREW FOR D8, SCREW FOR D12, SCREW FOR D17, SCREW FOR D18, SCREW FOR K2, SCREW FOR Q1, SCREW FOR Q2
0027545	A00	SCREW MACH M4X18 FLH PHILLIP STL NICKEL	2	SCREW 1 FOR HS2, SCREW 2 FOR HS2
0024374	A00	SCREW MACH M4X12 PNH PHILLIP STL NICKEL	2	SCREW 1 FOR HS1, SCREW 2 FOR HS1
0024377	A00	WASHER LCK EXT-T D4.2X8.8X1.0MM STL NICKEL	2	WASHER 1 FOR HS1, WASHER 2 FOR HS1
0023876	A00	HEATSINK - FIT PART	1	FIT PART FOR HS2
0023877	A00	INSULATOR 80X26X2.0MM FR-4	1	INSULATOR 1 FOR HS2
0023879	A00	INSULATOR 96X32X0.2MM SILICON RUBBER	2	INSULATOR 2 FOR HS2, INSULA- TOR FOR HS1



continued



Switch Power Supply PCB Assembly continued

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS
0025433	A00	INSULATOR 25X20X0.1MM MICA	6	INSULATOR FOR D8, INSULATOR FOR D12, INSULATOR FOR D17, INSULATOR FOR D18, INSULATOR FOR Q1, INSULATOR FOR Q2
0025316	A00	ASSEMBLY CABLE 16AWG 230MM RED UL1672 WITH TERM	1	W5 TO POWER SWITCH
0025317	A00	ASSEMBLY CABLE 16AWG 190MM BROWN UL1672 WITH TERM	1	W4 TO POWER SWITCH
0025318	A00	ASSEMBLY CABLE 18AWG 250MM BLUE UL1672 WITH TERM	1	W6 TO POWER SWITCH

0025483-00 REV A00 DISPLAY BOARD PCB ASSEMBLY

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS
0027669-00	A00	PCB FAB DOUBLE FR4 86X50MM 1.6MM 1 OZ DISPLAY BOARD	1	
0026521	A00	RES 470 1% 1/10W 0603	2	R2, R5
0026547	A00	RES 620 1% 1/10W 0603	3	R13, R14, R17
0026410	A00	RES 1.2K 1% 1/10W 0603	2	R12, R16
0026495	A00	RES 3.92K 1% 1/10W 0603	1	R10
0026513	A00	RES 4.32K 1% 1/10W 0603	1	R9
0026515	A00	RES 4.75K 1% 1/10W 0603	1	R11
0026535	A00	RES 5.9K 1% 1/10W 0603	1	R8
0026424	A00	RES 10K 1% 1/10W 0603	4	R3, R6, R7, R15
0026528	A00	RES 47K 1% 1/10W 0603	2	R1, R4
0026179	A00	CAP 2.2UF 50V 10% 105C AL RADIAL	2	C10, C11
0026158	A00	CAP 100UF 25V 20% 105C AL RADIAL	2	C12, C13
0026306	A00	DIODE SW LL4148 100V 0.15A MINI-MELF/LL-34	5	D1, D2, D3, D4, D5
 0026384	A00	LED RED 90MCD 640NM D3MM	2	LED1, LED7
 0026378	A00	LED GREEN 50MCD 570NM D3MM	8	LED3, LED4, LED5, LED6, LED9, LED10, LED11, LED12
 0027338	A00	LED ORANGE 600MCD 605NM D3MM	2	LED2, LED8
0026403	A00	POT ROTARY 5KB 17.5MM SINGLE UNIT PLASTIC SHAFT WITH 21 DETENTS	2	VRA, VRB
0026716	A00	XSTR GP MMBT5401 PNP 150V 0.6A SOT-23	2	Q1, Q2
0026334	A00	IC COM AS339MTR-E1 QUAD SO-14	3	IC1, IC2, IC3
0026345	A00	IC OP AMP NJM4565M DUAL SO8	1	IC4
0021441	A01	CONN HDR 6P 2.54MM MALE CRMP TOP ENTRY PCB	1	CON2
0026254	A00	CONN HDR 7P 2.54MM MALE CRMP TOP ENTRY PCB	1	CON3



Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.



0025484-00 REV A00 INPUT BOARD PCB ASSEMBLY

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS
0027670-00	A00	PCB FAB DOUBLE FR4 86X61.5MM 1.6MM 1 OZ INPUT BOARD	1	
0026468	A00	RES 22 1% 1/4W 1206	4	RA200, RA201, RB200, RB201
0026209	A00	CAP 470PF 100V 10% X7R 1206	4	CA200, CA201, CB200, CB201
0024955	A00	SWITCH SLIDE DIP 6P DPDT PCB	2	SW2, SW3
0026684	A00	SWITCH SLIDE DIP 16P 4P3T PCB	1	SW1
0026265	A00	CONN XLR FEMALE 1PIN 7-1.2MM/2-2.8X0.8MM PCB MOUNTED D15.7MM	2	JA1, JB1
0026269	A00	CONN XLR MALE 3PIN 1-1.3MM/3-1.8MM PCB MOUNTED D16.5MM	2	JA2, JB2
0026248	A00	CONN HDR 2X10P 2.54MM MALE STR TOP ENTRY PCB	1	CON1
0025322	A00	ASSEMBLY CABLE 16AWG 90MM YELLOW-GREEN UL1015 WITH TERM	1	TO CHASSIS

0025485-00 REV A00 OUTPUT BOARD PCB ASSEMBLY

PART#	REV	DESCRIPTION	QTY	REF DESIGNATORS
0027671-00	A00	PCB FAB DOUBLE FR4 86X62.5MM 1.6MM 1 OZ OUTPUT BOARD	1	
0026262	A00	CONN SPEAKON MALE 2C PLUG	2	BAN1, BAN2
0026260	A00	CONN SPEAKON FEMALE 4C WITH D2.5MM SCREW HOLE AND 5.0X1.0MM PINS PNL/PCB	3	SP1, SP2, SP3
0026686	A00	TERM 14X8X0.8MM BRS	4	A+, A-, B+, B-
0026117	A00	CAP 0.1UF 250V 10% METALLIZED POLYPROPYLENE FILM RADIAL	2	CA22, CB22
0025322	A00	ASSY CABLE 16AWG 90MM YELLOW-GREEN UL1015 WITH TERM	1	TO CHASSIS
0026391	A00	PILLAR HEX FEMALE D5X8X20MM COPPER	4	
0026677	A00	SCREW SEMS M5X8 PNH PHILLIP STL NICKEL	4	



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Components noted with this symbol shall be replaced only by the component specified. This is required to maintain product safety.

