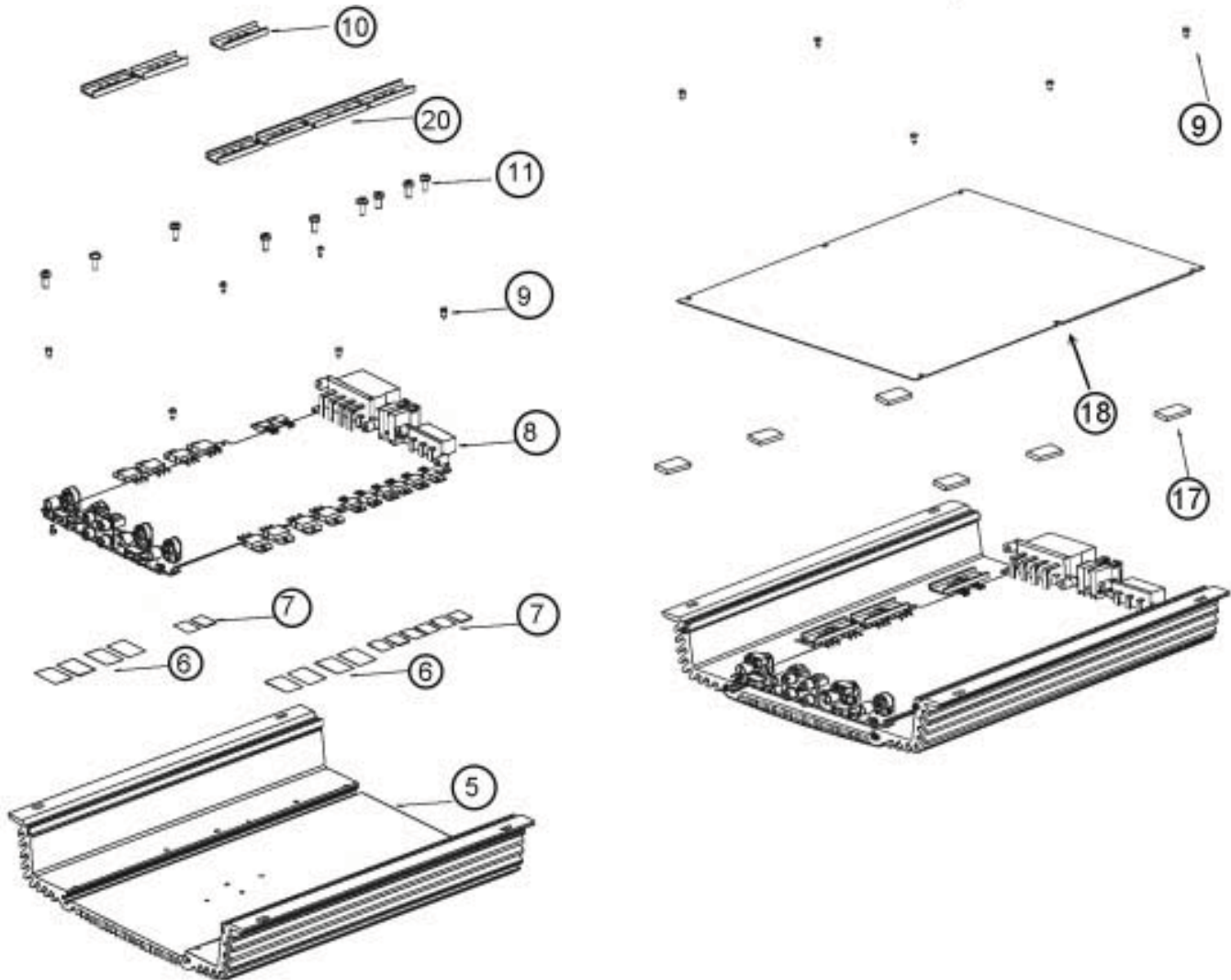


■TROUBLESHOOTING

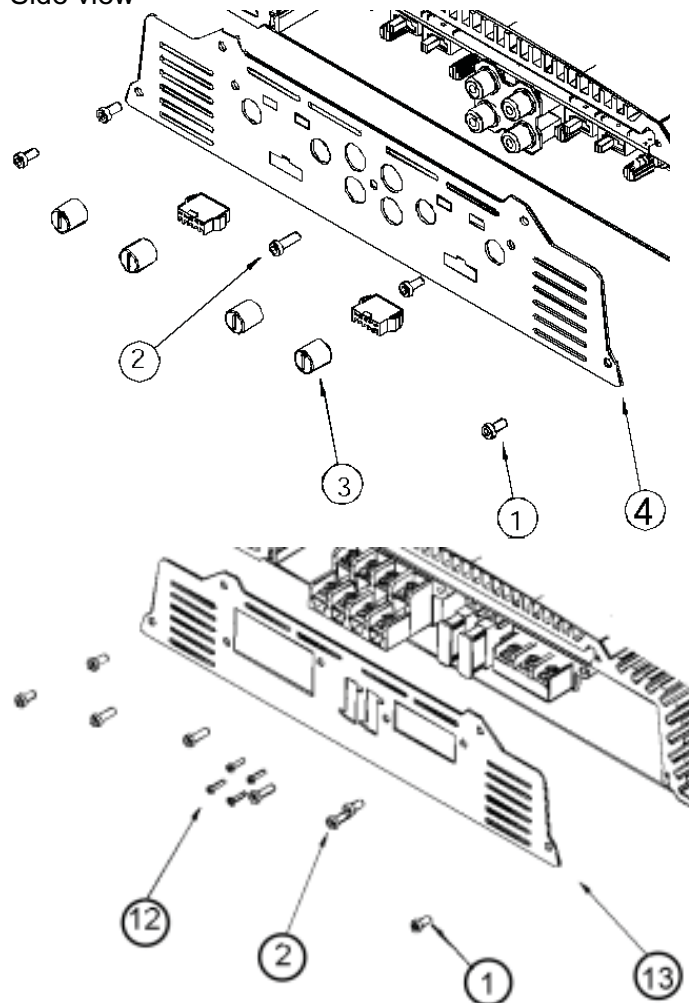
PROBLEM	POSSIBLE CAUSE	SOLUTION
NO AUDIO	LOW OR NO REMOTE TURN-ON VOLTAGE	CHECK REMOTE CONNECTIONS AT AMPLIFIER AND SOURCE UNIT.
	BLOWN AMPLIFIER FUSE	REPLACE WITH NEW FAST-BLOW FUSE (SAME RATING).
	POWER WIRES NOT CONNECTED	CHECK BATTERY AND GROUND WIRING AT AMPLIFIER; ALSO CHECK BATTERY CONNECTIONS.
	SPEAKER LEADS SHORTED	CHECK SPEAKER CONTINUITY TO GROUND, IT SHOULD NOT SHOW A COMMON GROUND.
	SPEAKERS NOT CONNECTED OR ARE BLOWN	CHECK SPEAKER CONNECTIONS AT AMPLIFIER, MEASURE COIL IMPEDANCE.
AUDIO CYCLES ON AND OFF	THERMAL PROTECTION CIRCUITS ARE SHUTTING AMPLIFIER OFF	CHECK LOCATION FOR ADEQUATE VENTILATION; CONSULT AN AUTHORIZED CLARION AUDIO DEALER.
DISTORTED AUDIO.	GAIN IS NOT SET PROPERLY, OR DAMAGED SPEAKER CONES	REVIEW SETTING GAIN; INSPECT EACH SPEAKER CONE FOR SIGNS OF DAMAGE (I.E., FROZEN CONE, BURNING SMELL, ETC.)
AMPLIFIER FUSE KEEPS BLOWING	INCORRECT WIRING OR SHORT CIRCUIT	REVIEW INSTALLATION AND CHECK ALL WIRING CONNECTION.
WHINING OR TICKING NOISE IN THE AUDIO WITH ENGINE ON.	AMPLIFIER IS PICKING UP ALTERNATION NOISE OR RADIATED NOISE	TURN DOWN INPUT GAIN AND MOVE AUDIO CABLES AWAY FROM POWER WIRES. CHECK POWER AND GROUND CONNECTIONS ON AMPLIFIER AND INSTALL AN IN-LINE NOISE FILTER ON SOURCE UNIT'S POWER WIRE. ALSO CHECK THE ALTERNATOR AND /OR VOLTAGE. TEST FOR WEAK BATTERY OR ADD WATER TO BATTERY.

■EXPLODED VIEW

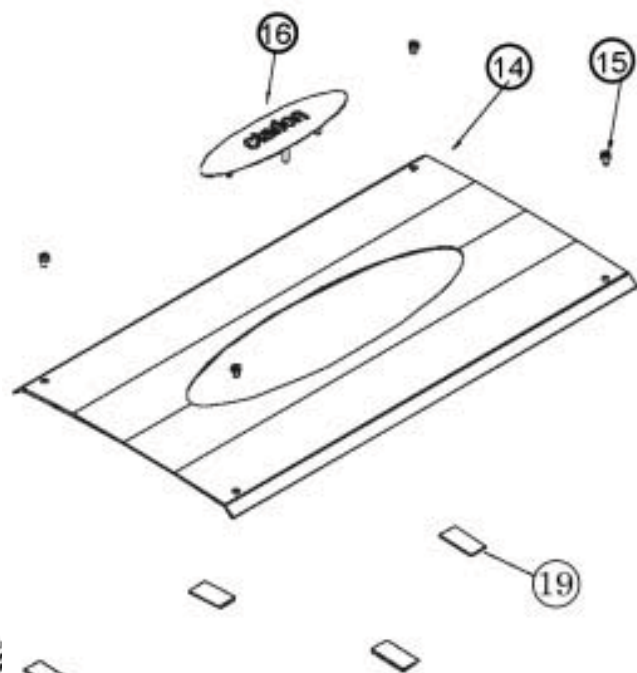
Bottom View



Side view



Top View



PARTS LIST:

REF.	PART NO	DESCRIPTION		Q'TY	USER'S NOTE
1	UB-ST-IH430-08	SCREW	HEX BLACK 3*8	8	
2	UB-ST-IH430-12	SCREW	HEX BLACK 3*12	5	
3	UB-76-00381-00	KNOB	APB	4	
4	UB-71-00562-00	FRONT PANNEL	SILVER	1	
5	UB-77-00289-00	HEAT SINK	298mm BLACK	1	
6	UB-78-00308-00	MICA	25mm*20mm	8	
7	UB-78-00334-01	MICA	11mm*18.5mm	8	
8	UB-11-00590-00	P.C.B.	APB450	1	
8	UB-76-00279-00	FUSE	ATC-25A	2	
8	UB-78-00275-00	SILICON TUBE	1mm*15mm	2	
8	UB-78-00269-00	SPONGE	10*10mm*5mm	1	
9	UB-ST-RP430-06	SCREW	RH BLACK 3*6	12	
10	UB-74-00174-00	CLIP	A	6	
11	UB-SM-RP440-10	SCREW	RH BLACK 4*10	9	
12	UB-ST-RP420-08	SCREW	T/R 2*8	4	
13	UB-71-00563-00	REAR PANNEL	SILVER	1	
14	UB-72-00389-00	TOP PLATE 297.8mm	SILVER	1	
15	UB-ST-IH430-05	SCREW	HEX BLACK 3*5	4	
16	UB-75-00021-00	BADGE	CLARION	1	
17	UB-78-00296-00	SPONGE	10*20mm,3mm	8	
18	UB-72-00390-00	BOTTOM PLATE 297.5mm	SILVER	1	
19	UB-78-00342-00	SPONGE	10mm*25mm 1mm	4	
20	UB-74-00176-00	CLIP	C	1	

ELECTRICAL PART LIST:

MAIN PWB SECTION

NO	PART NO	DESCRIPTION	Q'ty	USER'S NOTE
JMP11 JMP25 JMP29 JMP32 JMP35 JMP68 JMP78 JMPA104 JMPA204 JMPA304 JMPA404	UB-01-00005-00	JUMP WIRE 5mm	11	
JMP9 JMP12 JMP16 JMP18 JMP22 JMP42-43	UB-01-00008-00	JUMP WIRE 8mm	19	
JMP2-3 JMP7 JMP13 JMP15 JMP19 JMP36 JMP41 JMP48-49 JMP52 JMP54 JMP59 JMP65 JMP77 JMP87 JMP90 JMPA11 JMPA105-106 JMPA205-206 JMPA305-306 JMPA405-406	UB-01-00010-00	JUMP WIRE 10mm	26	
JMP10 JMP44	UB-01-00012-00	JUMP WIRE 12mm	2	
JMP1 JMP30 JMP37 JMP40 JMP45 JMP53 JMP55 JMP58 JMP67 JMP69 JMP70 JMP84 JMP91 JMP95	UB-01-00013-00	JUMP WIRE 13mm	14	
JMP38	UB-01-00014-00	JUMP WIRE 14mm	1	
JMP6 JMP8 JMP14 JMP31 JMP47 JMP56-57 JMP63 JMP66 JMP71 JMP76 JMP79 JMP85 JMP94	UB-01-00015-00	JUMP WIRE 15mm	14	
JMP64	UB-01-00017-00	JUMP WIRE 17mm	1	
JMP81	UB-01-00018-00	JUMP WIRE 18mm	1	
JMP4 JMP26-27 JMP39	UB-01-00025-00	JUMP WIRE 25.4mm	4	
JMP23 JMP28 JMP34 JMP46	UB-01-00051-00	JUMP WIRE 2mm*25.4mm	4	
JMP33	UB-01-00052-00	JUMP WIRE 2mm*38.1mm	1	
JMP5 JMP50-51	UB-01-00053-00	JUMP WIRE 2mm*50.8mm	3	
JMP61-62	UB-01-00055-00	JUMP WIRE 2mm*114.3mm	2	
JMP17 JMP20-21 JMP24	UB-01-00057-00	JUMP WIRE 2mm*12.7mm	4	
JMP60	UB-01-00058-00	JUMP WIRE 2mm*44.5mm	1	
JMP101 JMP301	UB-01-00059-00	JUMP WIRE 2mm*63.5mm	2	
RA103 RA303	UB-01-11020-22	RESISTOR 1 K 1/2W	5	
RP9 RP10 RP26 RP30 RP32	UB-01-11020-43	RESISTOR 1 K 1/4W	2	
RA104 RA107 RA110 RA127 RA203-204 RA207 RA210 RA227 RA304 RA307 RA310 RA327 RA403-404 RA407 RA410 RA427	UB-01-11020-63	RESISTOR 1 K 1/8W	18	
RP21	UB-01-11030-22	RESISTOR 10 K 1/2W	1	
RA130 RA230 RA330 RA430 RL113 RL115 RL129 RL213 RL313 RL315 RL324 RL329 RL413 RL424 RP8 RP12 RP18 RP22 RP23 RP36-37	UB-01-11030-63	RESISTER 10 K 1/8W	21	
RA101 RA201 RA301 RA401	UB-01-11330-63	RESISTOR 13 K 1/8W	4	
RL108 RL208 RL308 RL408	UB-01-11510-11	RESISTOR 150 ohm 1W	4	
RA129 RA229 RA329 RA429	UB-01-11530-43	RESISTOR 15 K 1/4W	4	
RA128 RA228 RA328 RA428	UB-01-11530-63	RESISTER 15 K 1/8W	4	
RL102 RL202 RL302 RL402 RP6 RP31 RL101 RL301	UB-01-11540-63	RESISTOR 150 K 1/8W	8	
RA102 RA202 RA302 RA402	UB-01-11820-63	RESISTOR 1.8 K 1/8W	4	
RP24	UB-01-12200-22	RESISTOR 22 ohm 1/2W	1	
RP7	UB-01-12210-22	RESISTOR 220 ohm 1/2W	1	
RA123 RA223 RA327 RA423 RA405 RP13 RP14	UB-01-12210-43	RESISTOR 220 ohm 1/4W	7	
RA105-106 RA205-206 RA305-306 RA406	UB-01-12210-63	RESISTOR 220 ohm 1/8W	7	
RP4	UB-01-12220-63	RESISTOR 2.2 K 1/8W	1	
RA115 RA215 RA315 RA415	UB-01-12720-63	RESISTOR 2.7 K 1/8W	4	
RL110-111 RL211 RL310-311 RL411	UB-01-12730-63	RESISTOR 27 K 1/8W	6	
RA122 RA124 RA222 RA224 RA322 RA324 RA422 RA424	UB-01-13000-00	RESISTOR 3 ohm 1/2W	8	
RP5	UB-01-13020-43	RESISTOR 3 K 1/4W	1	
RA113 RA213 RA313 RA413	UB-01-13020-63	RESISTOR 3 K 1/8W	4	
RL119 RL123 RL219 RL223 RL319 RL419	UB-01-13030-63	RESISTOR 30 K 1/8W	6	
RA108-109 RA111-112 RA208-209 RA211-212 RA308-309 RA311-312 RA408-409 RA411-412	UB-01-13300-63	RESISTOR 33 ohm 1/8W	16	
RP33-34	UB-01-13310-51	RESISTOR -MO- 330 ohm 5W/S	2	
RP25	UB-01-13320-43	RESISTOR 3.3 K 1/4W	1	
RL122 RL222 RL322 RL422	UB-01-13630-63	RESISTOR 36 K 1/8W	4	
RA114 RA214 RA314 RA414	UB-01-13920-63	RESISTOR 3.9 K 1/8W	4	
RP11	UB-01-14320-22	RESISTOR 4.3 K 1/2W	1	
RP16	UB-01-14320-43	RESISTOR 4.3 K 1/4W	1	
RP15 RP17 RP19-20 RP29 RP38-39	UB-01-14700-43	RESISTOR 47 ohm 1/4W	7	
RA116-119 RA217 219 RA317-319 RA417-419	UB-01-14700-63	RESISTOR 47 ohm 1/8W	16	
RA131 RA231 RA331 RA431	UB-01-14701-22	RESISTOR 4.7 ohm 1/2W	4	
RL220 RL323	UB-01-15120-43	RESISTOR 5.1 K 1/4W	2	
RL120 RL320 RL420 RL423	UB-01-15120-63	RESISTOR 5.1 K 1/8W	4	
RP35	UB-01-15620-22	RESISTOR 5.6 K 1/2W	1	
RA120-121 RA220-221 RA320-321 RA420-421 RL103-104 RL107 RL109 RL117-118 RL121 RL203 RL207 RL209 RL217-218 RL221 RL303-304 RL307 RL309 RL317-318	UB-01-15630-63	RESISTOR 56 K 1/8W	38	

RL321 RL403 RL407 RL409 RL417-418 RL421 RP1-2 RP27-28				
RL114 RL214 RL314 RL414	UB-01-16210-63	RESISTOR	620 ohm 1/8W	4
RL125 RL225 RL325 RL425	UB-01-18220-63	RESISTOR	8.2 K 1/8W	4
RL124 RL224	UB-01-18230-63	RESISTOR	82 K 1/8W	2
RA125-126 RA225-226 RA325-326 RA425-426	UB-01-31500-51	RESISTOR -SQP-	0.15 ohm 5W	8
RP3	UB-01-52430-63	RESISTOR 1%	24.3 K 1/8W	1
CA107 CA207 CA307 CA407	UB-02-21000-21	ELE. CAPACITOR	1uF/16V	4
CA101 CA201 CA301 CA401 CP2 CP7 CP8	UB-02-21001-21	ELE. CAPACITOR	10uF/16V	7
CP1	UB-02-21002-31	ELE. CAPACITOR	100uF/25V	1
CA103 CA203 CA303 CA403	UB-02-22201-21	ELE. CAPACITOR	22uF/16V	4
CP12	UB-02-22202-21	ELE. CAPACITOR	220uF/16V	1
CP15-16	UB-02-22202-32	ELE. CAPACITOR	220uF/25V	2
CP4-5 CP10-11 CP13-14	UB-02-22203-51	ELE. CAPACITOR	2200uf/35V 105C	6
CL101-102 CL201 CL301-302 CL401	UB-02-24700-31	ELE. CAPACITOR	4.7uF/25V	6
CL109 CL209 CL309 CL409	UB-02-24701-21	ELE. CAPACITOR	47uF/16V	4
CA104 CA106 CA204 CA206 CA304 CA306 CA404 CA406	UB-03-21040-01	MYLAR CAPACITOR	100pF 100V	12
CL106 CL206 CL306 CL406	UB-03-21220-01	MYLAR CAPACITOR	1200pF 100V	4
CA102 CA202 CA302 CL402	UB-03-22230-01	MYLAR CAPACITOR	0.022uF 5% 50V	2
CL114 CL214	UB-03-23330-01	MYLAR CAPACITOR	0.033uF 5% 50V	4
CL115 CL215 CL315 CL415	UB-03-24720-01	MYLAR CAPACITOR	0.0047uF 5% 50V	1
CP3	UB-03-24730-01	MYLAR CAPACITOR	0.047uF 5% 50V	4
CL112 CL212 CL312 CL412	UB-03-26830-01	MYLAR CAPACITOR	0.068uF 5% 50V	2
CL314 CL414	UB-04-20220-01	CERAMIC	22pF 100V 5mm	4
CA108 CA208 CA308 CA408	UB-04-20470-01	CERAMIC	47pF 100V 5mm	6
CL104-105 CL205 CL304-305 CL405	UB-04-21000-02	CERAMIC -NPO-	100P/J 50V	12
CA109 CA209 CA309 CA409 CA105 CA205 CA305 CA405	UB-04-21040-01	CERAMIC	0.1uF 100V	5
CL111 CL211 CL311 CL411	UB-04-26800-01	CERAMIC	680P/K 250V	1
CL107-108 CP6 CP17-18	UB-07-00494-00	I.C.	TL494CN	1
CP9	UB-07-00817-01	I.C.	LTV-817A	1
UP1	UB-07-04558-02	I.C.	JRC4565DD	8
OPTP1	UB-08-00035-00	TRANSISTOR	TIP35C	4
UL101-104 UL301-304	UB-08-00036-00	TRANSISTOR	TIP36C	4
QA112 QA212 QA312 QA412	UB-08-00Z44-00	FET	IRFZ44N	6
QA113 QA213 QA313 QA413	UB-08-01266-00	TRANSISTOR	A1266	19
QP6-9 QP14-15				
QA102 QA104 QA106-107 QA202 QA204 QA206-207 QA302 QA304 QA306-307 QA402 QA404 QA406-407 QP2-4	UB-08-03198-00	TRANSISTOR	C3198	29
QA101 QA103 QA105 QA108-109 QA114 QA203 QA205 QA208-209 QA214 QA301 QA303 QA305 QA308-309 QA314 QA401 QA403 QA405 QA408-409 QA414 QP1 QP5 QP10 QP12-13 QA201	UB-08-10647-01	TRANSISTOR	2SB647	5
QA11 QA111 QA211 QA311 QA411	UB-08-10667-01	TRANSISTOR	2SD667	4
QA110 QA210 QA310 QA410	UB-09-01620-01	ULTRA-FAST RECO	U16C20C,1620CT	1
DP8	UB-09-01620-02	ULTRA-FAST RECO	U16C20A,1620CTR	1
DP9	UB-09-14001-01	DIODE	IN4001 1A 50V	1
DP7	UB-09-14148-01	DIODE 1N4148	DO-35 50mA 100V	19
DA101-102 DA201-202 DA301-302 DA401-402 DP2-6 DP10-15	UB-09-15400-01	DIODE	IN5400 3A/100V	1
DP1	UB-09-20150-03	Z DIODE	15V	2
ZDP3-4	UB-09-20390-03	ZENER DIODE	BZX55C39 39V	2
ZDP1-2	UB-11-00590-00	P.C.B.	APB450	1
PCB1	UB-13-00215-00	THERMISTOR BEAD	10K NTC	1
THP1	UB-15-20203-28	VR B20K*2	R1210G-2A2-B20K	2
VR101 VR301	UB-15-21040-01	VR C100K R1210G	-2A2-C100K	2
VR102 VR302	UB-18-00877-00	SLIDE SWITCH	2P2W	4
SWL101-102 SWL301-302	UB-19-00283-01	LED 2.8mm	GREEN B3237	1
LEDP2	UB-19-00284-01	LED 2.8mm	RED B4237R	1
LEDP1	UB-20-00149-00	INDUCTOR	5uH 14mm	1
LP1	UB-20-00152-00	TRANSFORMER	APB450	1
TP1	UB-26-00371-00	GROUND WIRE	#14 80mm	1
JP2	UB-32-00637-00	TERMINAL	ST-115-3P(G)	1
JP1	UB-32-00639-01	TERMINAL	ST-11A-4P*2(G)	1
JA1	UB-32-20425-02	RCA JACK 4P	RL-1418-4G	1
JL101	UB-34-00150-05	INPUT CONNECTOR	100mm	2
JL102 JL302	UB-76-00239-00	FUSE HOLD	JEF-703E	2
FP1-2				