

# SERVICE

# MANUAL

DUAL CHANNEL COMPRESSOR LIMITER WITH

# NOISE GATE

**CN-9102**

**interM**

Ref No.	Part No.	Description	Value	QtY
<b>MAIN B'D(4003491000)</b>				
C206 C223	3509151231-A	CAP CE B 150PF 50V K AXIAL	150P	2
C204 C212 C225 C231	3529560311-A	CAP CE SL 56PF 50V J AXIAL	56P	4
CN203	4428595003	LW5267/LWB0640/2.5MM-03P	CON LW 3P	1
CN201-202 CN204 CN206 CN208 CN210	4428595006	LW5267/LWB0640/2.5MM-06P	CON LW 6P	6
CN205 CN207 CN209 CN211	4428595007	LW5267/LWB0640/2.5MM-07P	CON LW 7P	4
D201-208	2058304100	DIODE IN4148M	1N4148	8
C233	3409210991-T	CAP AF RSG 1UF 100V 5 P	1/100	1
C205 C209 C213-214 C222 C224 C228 C232	3409210971-T	CAP AF RSG 1UF 50V 5 P	1/50	8
C201 C211 C220 C230	3409210071-T	CAP AF RSG 10UF 50V 5 P	10/50	4
C246	3409210141-T	CAP AF RSG 100UF 25V 6 P	100/25	1
C210 C227 C258	3409222071-T	CAP AF RSG 22UF 50V 5 P	22/50	3
C203	3409222081-T	CAP AF RSG 22UF 63V 6 P	22/63	1
C249-250 C255-257 C260	3409247971-T	CAP AF RSG 4.7UF 50V 5 P	4.7/50	6
C236-242 C244-245 C251-254 C259	3409247071-T	CAP AF RSG 47UF 50V 6 P	47/50	14
C218 C248	3639224111-T	CAP ECQ-V 1H224JL2 0.22UF 50VJ	M224/50V	2
C216 C235	3639474111-T	CAP ECQ-V 1H474JL2 0.47UF 50V	M474/50V	2
IC204-205 IC210-225	2118020326	IC LM339 NATIONAL	LM339	18
IC203 IC206 IC209	2168800913	IC LF 347	LF347	3
C202 C221	3609152120-T	CAP MA 0.0015UF 100V J	0.0015M	2
C215 C217 C219 C234 C243 C247	3609473120-T	CAP MA 0.047UF 100V	0.047M	6
C207-208 C226 C229	3639104111-T	CAP ECQ-V 1H104JL2 0.1UF 50V	M104/50V	4
R298	3009331973	RES CF 330 1/5W J N	330	1
IC201 IC207	2168417990	IC THAT 2150A	DBX 2150	2
IC202 IC208	2168417989	IC THAT 2252	THAT2252	2
R249 R302	3009152973	RES CF 1.5K 1/5W J N	1.5K	2
R203 R216 R254 R267 R303 R334 R337 R368	3009101973	RES CF 100 1/5W J N	100	8
R209 R230 R248 R261 R282 R301 R307 R352	3009104973	RES CF 100K 1/5W J N	100K	8
R210-211 R217 R221 R246 R262-263 R268 R272 R292 R305-306 R316-318 R322 R346-348 R350-351 R355 R375 R378	3009103973	RES CF 10K 1/5W J N	10K	24
R374 R377	3009151973	RES CF 150 1/5W J N	150	2
R205-206 R256-257	3009154973	RES CF 150K 1/5W J N	150K	4
R218 R269	3009183973	RES CF 18K 1/5W J N	18K	2
R235 R237 R280 R285 R290 R331 R364 R369	3009102973	RES CF 1K 1/5W J N	1K	8

R225 R276 R379-380	3009105973	RES CF 1M 1/5W J N	1M	4
R238 R294	3009222973	RES CF 2.2K 1/5W J N	2.2K	2
R245 R293	3009201973	RES CF 200 1/5W	200	2
R201 R227 R234 R252 R284 R287 R320 R354 R382-383	3009203973	RES CF 20K 1/5W J N	20K	10
R223 R274	3009220973	RES CF 22 1/5W J N	22	2
R213 R224 R264 R275	3009223973	RES CF 22K 1/5W J N	22K	4
R308-312 R330 R338-342 R363 R384-385	3009202973	RES CF 2K 1/5W J N	2K	14
R327 R329 R360 R362	3009332973	RES CF 3.3K 1/5W J N	3.3K	4
R231 R289 R326 R359	3009392973	RES CF 3.9K 1/5W J N	3.9K	4
R240 R247 R291 R296	3009303973	RES CF 30K 1/5W J N	30K	4
R243	3009331973	RES CF 330 1/5W J N	330	1
R202 R251 R253 R386	3009330973	RES CF 33 1/5W J N	33	4
R281 R370 R373 R376	3009302973	RES CF 3K 1/5W J N	3K	4
R208 R219-220 R232 R250 R260 R270-271 R288 R328 R361	3009472973	RES CF 4.7K 1/5W J N	4.7K	11
R214 R236 R239 R265 R286 R295	3009471973	RES CF 470 1/5W J N	470	6
R204 R255	3009470973	RES CF 47 1/5W J N	47	2
R304 R321 R335-336 R353 R367 R371-372	3009473973	RES CF 47K 1/5W J N	47K	8
R212 R259 R325 R358	3009562973	RES CF 5.6K 1/5W J N	5.6K	4
R332 R365	3009561973	RES CF 560 1/5W J N	560	2
R222 R273	3009564973	RES CF 560K 1/5W J N	560K	2
R229 R283 R313-315 R324 R343-345 R357	3009622973	RES CF 6.2K 1/5W J N	6.2K	10
R228 R279	3009682973	RES CF 6.8K 1/5W J N	6.8K	2
R242 R244 R297 R299 R333 R366	3009681973	RES CF 680 1/5W J N	680	6
R215 R266 R319 R323 R349 R356	3009822973	RES CF 8.2K 1/5W J N	8.2K	6
R226 R278	3009225973	RES CF 2.2M 1/5W J N	22M	2
SVR201 SVR203 SVR210 SVR212	3248347320-T	RES SEMI RH0638C100473	SEMI 1473	4
SW201-202 SW205-206	4628992410	SW PUSH SPUN19X1M011 (SUA29)	PUSH SW	4
SW203 SW207	4628987010	SW SPUN19X1M051(SUI30)SHORTING	PUSH SW	2
SW204	4628994310	SW PUSH SPUN19X1M021	PUSH SPUN19X1M021	1
Q201-210	2008606105-T	TR NPN KTA1266-Y-AT TO-92	2SA1266	10
VR202 VR211	3238085110	EVUE2JFL3A14	10KA	2
VR205 VR204 VR213 VR214	3228073810	EVUE2JFL3B14	10KB	4
VR208 VR217	3228073610	VR 09HBF 2MA	2MA	2
VR206 VR215	3228073910	VR 09 HBF 30 1KB	1KB	2
VR207 VR216 VR209 VR218	3228073710	VR 09 HBF 1MA	1MA	4

## IN/OUT B'D(4003491100)

C137-138 C141-142	3509103530-T	CAP CE F 0.01UF 50V Z	0.01/50	4
C131-134	3509104530-T	CAP CE F 0.1UF 50V Z	0.1/50	4
C106 C121	3509101231-A	CAP CE B 100PF 50V K AXIAL	100P	2
C103-104 C118-119	3509121231-A	CAP CE B 120PF 50V K AXIAL	120P	4
C109 C124	3509151231-A	CAP CE B 150PF 50V K AXIAL	150P	2
C111-113 C126-128	3529220311-A	CAP CE SL 22PF 50V J AXIAL	22P	6
C150-153	3509271231-A	CAP CE B 270PF 50V K AXIAL	270P	4
CN101	4355795414	CON ASS'Y 2P	CON ASS'Y 2P	1
AN203	4355795107	CON ASS'Y 3P	ASS'Y CONNECTOR 3P	1
CN102	4428596603	LOCK WAFER LW-1143-03P	LOCK WAFER 3P	1
AN201-202	4355795210	CON ASS'Y 6P	CON ASS'Y 6P	2
LC101-102	3549222091	CAP DE2E3KH222MA3B	DE7100F222MVA1-KC	2
D101-104	2058100996	DIODE RECTIFIER LT1N4006(4007)	1N 4006	4
C105 C120	3409210141-T	CAP AF RSG 100UF 25V 6 P	100/25	2
C135-136	3408210261	CAP RSG 1000UF 35V SNAP 16 P	1000/35	2
C101-102 C116-117	3409222141-T	CAP AF RSG 220UF 25V J 8 P	220/25	4
C107 C110 C114-115 C123 C125 C129-130	3409247071-T	CAP AF RSG 47UF 50V 6 P	47/50	8
C139-140	3408247169	CAP AF SG 470UF 35V	470/35	2
IC103	2118010332	IC NJM 5532DD JRC	NJM 5532DD	1
IC101 IC104	2118010432	IC NJM2068DD JRC	2068	2
IC102 IC105	2118012832	IC NJM 072 DE (JRC)	072D	2
IC106	2118010932	IC NJM 4556AD	4556	1
IC107	2168640988	IC 7815 SAMSUNG	7815	1
IC108	2168640987	IC 7915 SAMSUNG	7915	1
JK102 JK105	4438090410	JACK PHONE 3P H3038007	JACK	2
JK101 JK104	4438193710	XLR JACK(F) 3P(E303A0070N)	JACK XLR(F)	2
JK103 JK106	4408194610	XLR JACK (M) (E403A0090N)	JACK XLR(M)	2
P101-102				2
R107 R113 R134 R138	3009104973	RES CF 100K 1/5W J N	100K	4
R116-119 R121 R141-142 R144-146	3002100953	RES CF 100K 1/5W J N	10K 1%	10
R124-125 R149-150	3002110953	RES CF 11K 1/5W FN	11K 1%	4
R120 R143	3002120953	RES CF 12K 1/5W FN	12K 1%	2
R108 R135 R154-155	3009102973	RES CF 1K 1/5W J N	1K	4
R110 R112 R137 R153	3009222973	RES CF 2.2K 1/5W J N	2.2K	4
R381	3039272472-T	RES MO 2.7K 1W J T	2.7K (1W)	1
R115 R140	3009203973	RES CF 20K 1/5W J N	20K	2
R101-106 R128-133	3009472973	RES CF 4.7K 1/5W J N	4.7K	12
R126-127 R151-152	3009473973	RES CF 47K 1/5W J N	47K	4
R109 R111 R136 R156	3009622973	RES CF 6.2K 1/5W J N	6.2K	4
R122-123 R147-148	3009750973	RES CF 75 1/5W JN	75	4
G1	4235007210	GND TERMINAL (POWER B'D)		1
SW101-102	4628994300	SW SV10020-0202-9T-NN	SW	2
T2,4-5	4465998210	TERMINAL(250)PCB TAB	250 TAB	3

**GAIN REDUCTION B'D(4003491200)**

AN205B AN207B	4355795008	CON ASS'Y 7P	CON ASS'Y 7P(3P,4P)	2
AN205A AN207A	4355795008	CON ASS'Y 7P	CON ASS'Y 7P(3P,4P)	2
AN6 AN204	4355794908	CON ASS'Y 6P	CON ASS'Y 6P	2
LD301-312 LD322-324	2300030105	LED LTL-16KHR-021A LITEON	16KHR-021A(34URF25)	15
LD316-318 LD313-315	2300032105	LED LTL-16KG-021A LITEON	16KG-021A (34MG25)	6
LD319-321	2300031105	LED LTL-16KY-021A LITEON	16KY-021A(34YF24)	3

**GAIN REDUCTION B'D(4003491300)**

AN209B AN211B	4355795008	CON ASS'Y 7P	CON ASS'Y 7P(3P,4P)	2
AN209A AN211A	4355795008	CON ASS'Y 7P	CON ASS'Y 7P(3P,4P)	2
AN5 AN208	4355794908	CON ASS'Y 6P	CON ASS'Y 6P	2
LD401-412 LD422-424	2300030105	LED LTL-16KHR-021A LITEON	16KHR-021A(34URF25)	15
LD416-418 LD413-415	2300032105	LED LTL-16KG-021A LITEON	16KG-021A (34MG25)	6
LD419-421	2300031105	LED LTL-16KY-021A LITEON	16KY-021A(34YF24)	3

**POWER LED B'D(4003491400)**

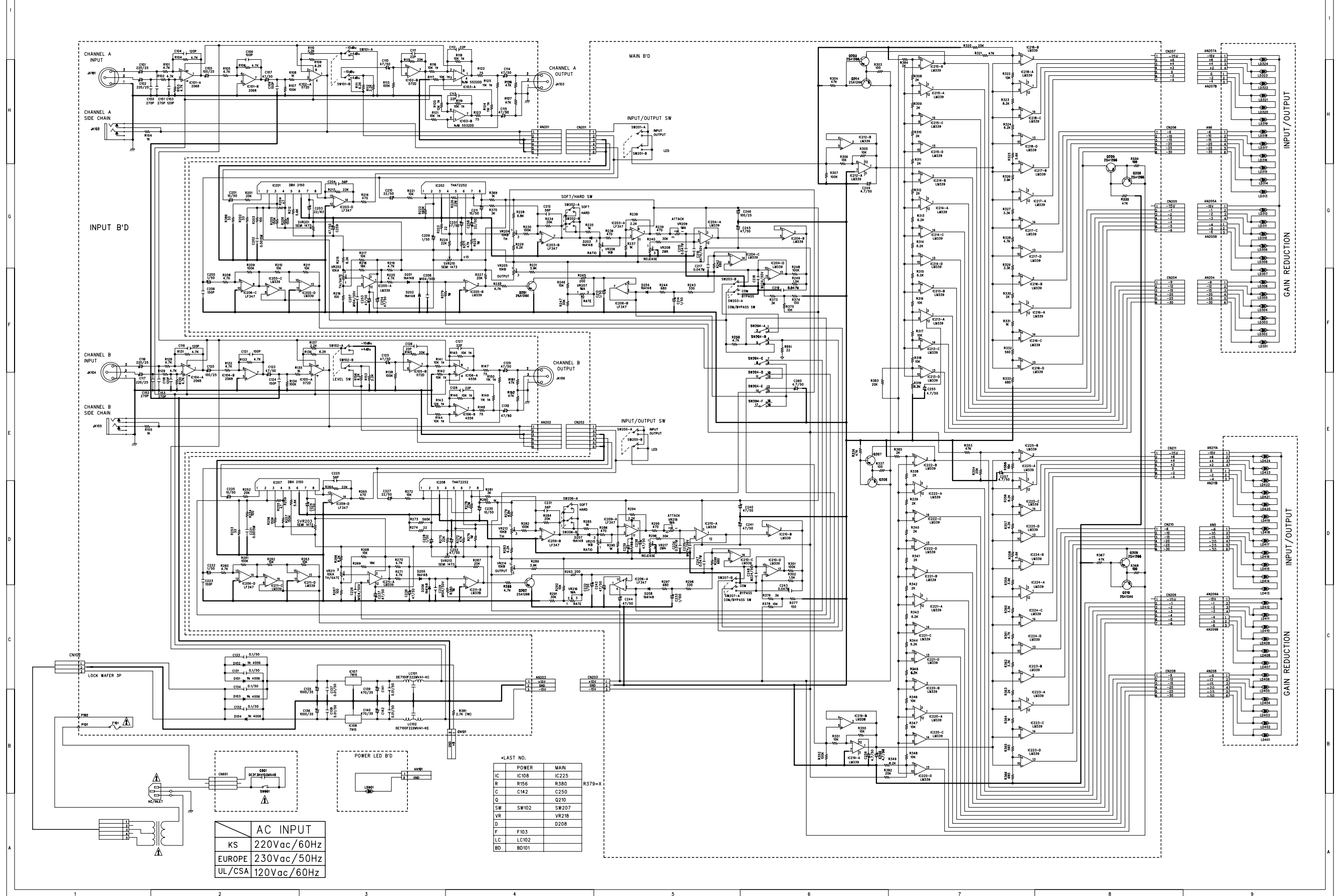
AN101	4355795314	CON ASS'Y 2P	ASS'Y CONNECTOR 2P	1
LD501	2300050101	LED LTL-307E-012A	307E-012A (54URA49)	1

**POWER SW B'D(4003491500)**

C601	3549103107	DE2F3KH103MA4B	103M/400V	1
CN601	4428596603	LOCK WAFER LW-1143-03P	LOCK WAF 3P	1
SW601	4648098410	SW PS-5-W7AV	SP 278	1

**OTHER B'D**

AC2	4348997310 4308996710 4308999410 4308998000 4308999310 4308993510	AC INLET 6100.4312 SCHULTER AC CORD (WITHOUT PLUG) AC CORD V+VII6A-250VHOVV-F3G AC CORD POWER FOR SAA AC CORD UL 3 (INLET) AC CORD KKP-210/KKS-16T (JIS)	220V 230~240V 240V 240V 120V 100V	1
J12				1
P6-7				2
PT1	2828059000 2828076330	TRANS POWER CN-9102 100V P.T E30/E31 CN-9102(115/230V)	TRANSFORMER POWER CN-9102	1
F101	4458999210	FAU-0031.3577 SCHURTER PU-3210	PU-3210	1
FUSE	5508110737 5508410734 5508210939 5508211233 5508410739	FUSE 51S 20MM 100MA/250V U/C FUSE 218T 20MM 100MA/250V UCSK FUSE#21GM F20MM 150MA/250V UC FUSE NB 20MM 250MA/250V U/C FUSE#218T 20MM 100MA/250V UCSK	100MA/250V U/C 100MA/250V UCSK 150MA/250V UC 250MA/250V U/C 100MA/250V UCSK	1
TR HEAT SINK	7505297810	TR HEAT SINK 25MM WRX-9102	TR HEAT SINK	2



AC INPUT	
KS	220Vac/60Hz
EUROPE	230Vac/50Hz
UL/CSA	120Vac/60Hz

*LAST NO.	
IC	IC108 IC225
R	R156 R380
C	C142 C250
Q	Q210
SW	SW102 SW207
VR	VR218
D	D208
F	F103
LC	LC102
BD	BD101