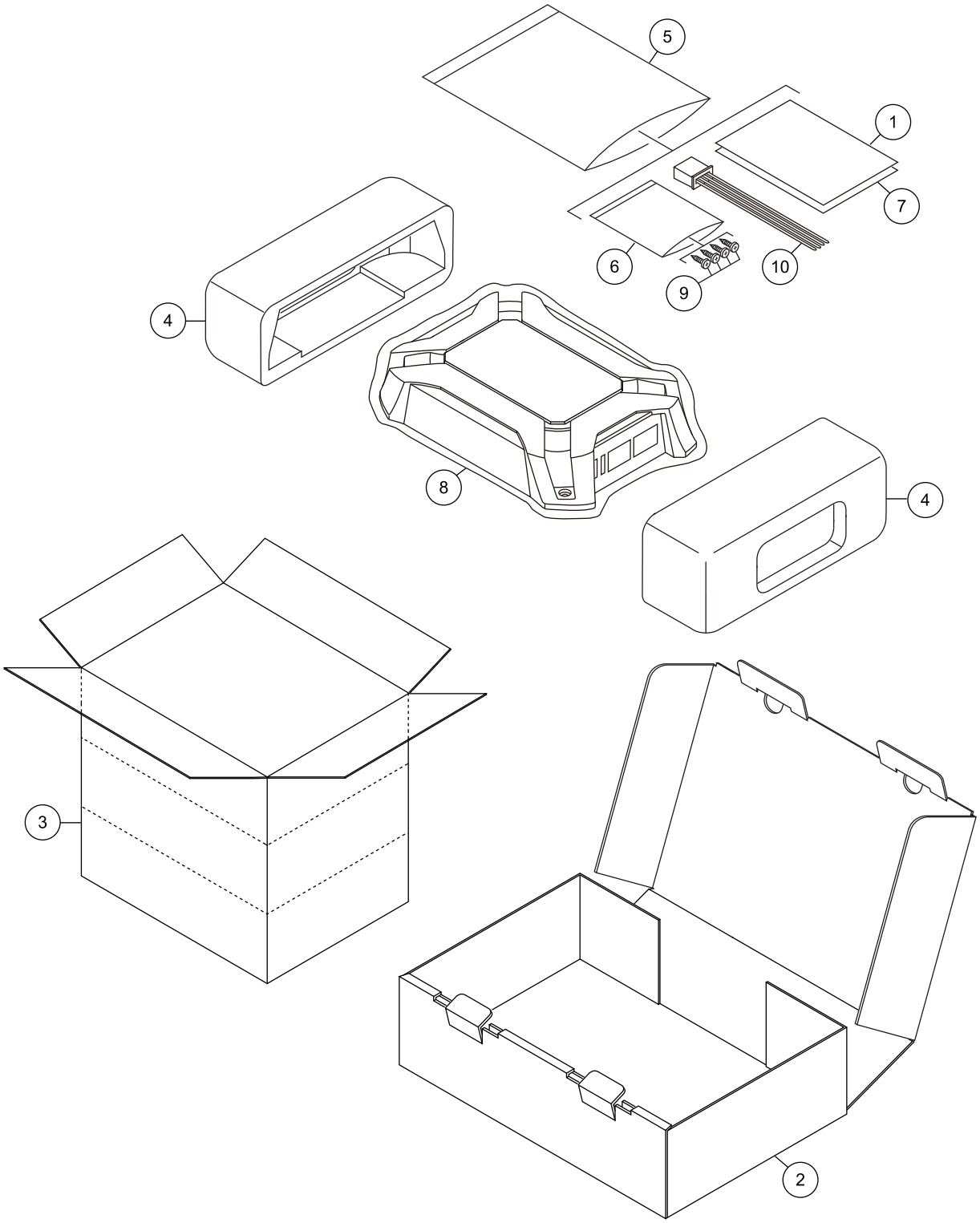
9. EXPLODED VIEWS AND PARTS LIST

NOTES : • *Parts marked by " * " are generally unavailable because they are not in our Master Spare Parts List.*
• *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
• *Screw adjacent to ▽ mark on the product are used for disassembly.*
• *For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions,apply as you think it appropriate.)*

9.1 PACKING



(1) PACKING SECTION PARTS LIST

Mark	No.	Description	Part No.
*	1	Warranty Card	See Contrast table (2)
*	2	Unit Box	See Contrast table (2)
*	3	Contain Box	See Contrast table (2)
*	4	Protector	6230212964000-IL
*	5	Polyethylene Bag	6337210282000-IL
*	6	Polyethylene Bag	6337210499000-IL
	7	Owner's Manual	See Contrast table (2)
*	8	Packing Cover	6337210179000-IL
	9	Screw	B010440183B10-IL
	10	MBL CMPX CONN CORD	L008101080030-IL

(2) CONTRAST TABLE

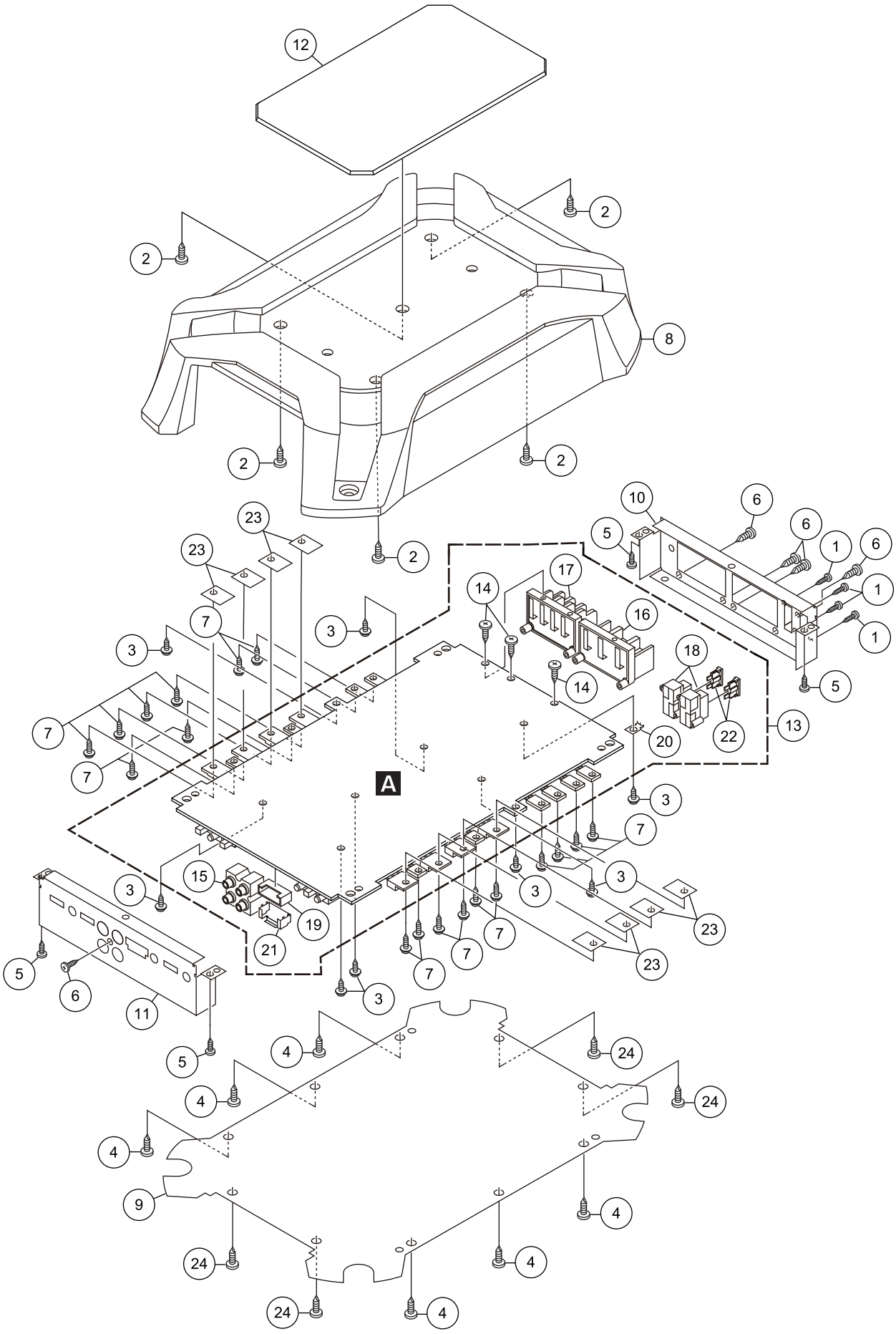
GM-6500F/XZUC, GM-6500F/XZEW5 and GM-6500F/XZES are constructed the same except for the following:

Mark	No.	Description	GM-6500F/XZUC	GM-6500F/XZEW5	GM-6500F/XZES
*	1	Warranty Card	5727000000271-IL	5727000000280-IL	Not used
*	2	Unit Box	6007211870040-IL	6007211870050-IL	6007211870030-IL
*	3	Contain Box	6027210790040-IL	6027210790050-IL	6027210790030-IL
	7	Owner's Manual	5707000005510-IL	5707000005520-IL	5707000005500-IL

Owner's Manual,Installation Manual

Part No.	Language
5707000005510-IL	English, French, Spanish(Espanol)
5707000005520-IL	English, French, Italian, Spanish(Espanol), German, Dutch, Russian
5707000005550-IL	English, Portuguese(B), Spanish(Espanol), Arabic

9.2 EXTERIOR



EXTERIOR SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	Screw	B020020063P10-IL
	2	Screw	B020026081B10-IL
	3	Screw	B020030081W10-IL
	4	SCREW,TAP TITE	B020030083B10-IL
	5	SCREW,TAP TITE	B020030083B10-IL
	6	Screw	B020030103B10-IL
	7	Screw	B020030123W10-IL
	8	Heat Sink	2127211968100-IL
	9	Case	3200213866000-IL
	10	Panel	3207213826010-IL
	11	Panel	3207213836000-IL
	12	Plate	4317215381010-IL
	13	PCB Kit	7025CA1002010-IL
	14	Screw	B020030101B10-IL
	15	RCA Jack	G602405B01000-IL
	16	BATT Terminal	G61801JXZ3X10-IL
	17	Screw SP Termina	G61801JXZ4X20-IL
	18	Fuse Holder	G640000200010-IL
	19	Board in Connector	L102250080020-IL
	20	Terminal	3790040886000-IL
	21	Holder	4010215136000-IL
⚠	22	Fuse(25 A)	CEK1329
	23	Insulator	See the following note
	24	Screw	B020930061B10-IL

NOTE) These insulators are supplied with Power Transistors. Please order Power Transistors.

12. ELECTRICAL PARTS LIST

NOTE:

- *Parts whose parts numbers are omitted are subject to being not supplied.*
- *The part numbers shown below indicate chip components.*

Chip Resistor

RS1/◯S◯◯◯J,RS1/◯◯S◯◯◯J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Meaning of the figures and others in the parentheses in the parts list.*

Example) IC 301 is on the point (face A, 91 of x-axis, and 111 of y-axis) of the corresponding PC board.

IC 301 (A, 91, 111) IC NJM2068V

Unit Number : 7025CA1002010

Unit Name : PCB Kit

A

Unit Number : 7025CA1002010

Unit Name : PCB Kit

MISCELLANEOUS

Circuit Symbol and No.		Part No.
IC 1	IC	NJM4565MD
IC 2	IC	NJM4565MD
IC 3	IC	NJM4565MD
IC 4	IC	NJM4565MD
IC 6	IC	NJM4565MD
IC 7	IC	NJM4565MD
IC 8	IC	NJM4565MD
IC 9	IC	NJM4565MD
IC 10	IC	NJM4565MD
IC 12	IC	J080004940010-IL
Q 1	Transistor	J5201504Y0210-IL
Q 2	Transistor	J522011100210-IL
Q 3	Transistor	J522011100210-IL
Q 5	Transistor	J5001266Y0050-IL
Q 6	Transistor	J5001266Y0050-IL
Q 9	Power MOS FET	J544600600020-IL
Q 10	Power MOS FET	J544600600020-IL
Q 11	Power MOS FET	J544600600020-IL
Q 12	Power MOS FET	J544600600020-IL
Q 20	Transistor	J522010200210-IL
Q 21	Transistor	J520010500210-IL
Q 22	Transistor	J522011100210-IL
Q 23	Transistor	J5223875Y0210-IL
Q 24	Transistor	J5223875Y0210-IL
Q 26	Transistor	J5201504Y0210-IL
Q 27	Transistor	J522010200210-IL
Q 28	Transistor	J522011100210-IL
Q 29	Transistor	J5201661Y0210-IL
Q 130	Transistor	J5031304Y0050-IL
Q 132	Transistor	J5223875Y0210-IL
Q 133	Transistor	J5201504Y0210-IL
Q 134	Transistor	J5223875Y0210-IL
Q 135	Transistor	J5201504Y0210-IL
Q 136	Transistor	J5201504Y0210-IL
Q 137	Transistor	J5223875Y0210-IL
Q 138	Transistor	J503600150010-IL
Q 139	Transistor	J5224373Y0210-IL
Q 140	Transistor	J5201661Y0210-IL
Q 141	Transistor	J502446800010-IL
Q 142	Transistor	J500169500010-IL
Q 160	Transistor	J5223875Y0210-IL
Q 230	Transistor	J5031304Y0050-IL
Q 232	Transistor	J5223875Y0210-IL
Q 233	Transistor	J5201504Y0210-IL
Q 234	Transistor	J5223875Y0210-IL
Q 235	Transistor	J5201504Y0210-IL
Q 236	Transistor	J5201504Y0210-IL
Q 237	Transistor	J5223875Y0210-IL
Q 238	Transistor	J503600150010-IL
Q 239	Transistor	J5224373Y0210-IL
Q 240	Transistor	J5201661Y0210-IL
Q 241	Transistor	J502446800010-IL
Q 242	Transistor	J500169500010-IL
Q 260	Transistor	J5223875Y0210-IL
Q 330	Transistor	J5031304Y0050-IL
Q 332	Transistor	J5223875Y0210-IL
Q 333	Transistor	J5201504Y0210-IL
Q 334	Transistor	J5223875Y0210-IL
Q 335	Transistor	J5201504Y0210-IL
Q 336	Transistor	J5201504Y0210-IL
Q 337	Transistor	J5223875Y0210-IL
Q 338	Transistor	J503600150010-IL
Q 339	Transistor	J5224373Y0210-IL
Q 340	Transistor	J5201661Y0210-IL
Q 341	Transistor	J502446800010-IL
Q 342	Transistor	J500169500010-IL
Q 360	Transistor	J5223875Y0210-IL
Q 430	Transistor	J5031304Y0050-IL
Q 432	Transistor	J5223875Y0210-IL
Q 433	Transistor	J5201504Y0210-IL

Circuit Symbol and No.		Part No.
Q 434	Transistor	J5223875Y0210-IL
Q 435	Transistor	J5201504Y0210-IL
Q 436	Transistor	J5201504Y0210-IL
Q 437	Transistor	J5223875Y0210-IL
Q 438	Transistor	J503600150010-IL
Q 439	Transistor	J5224373Y0210-IL
Q 440	Transistor	J5201661Y0210-IL
Q 441	Transistor	J502446800010-IL
Q 442	Transistor	J500169500010-IL
Q 460	Transistor	J5223875Y0210-IL
D 2	Diode	1SS133
D 3	Diode	K000400700010-IL
D 4	Diode	1SS133
D 5	Diode	1SS133
D 6	Diode	K041220001000-IL
D 7	Diode	K041220002000-IL
D 9	Diode	K040540100000-IL
D 10	Diode	K040540100000-IL
D 12	Diode	1SS133
D 13	Diode	1SS133
D 16	Diode	1SS133
D 100	Diode	K06015R005520-IL
D 129	Diode	1SS133
D 130	Diode	1SS133
D 135	Diode	1SS133
D 136	Diode	1SS133
D 137	Diode	1SS133
D 200	Diode	K06015R005520-IL
D 229	Diode	1SS133
D 230	Diode	1SS133
D 235	Diode	1SS133
D 236	Diode	1SS133
D 237	Diode	1SS133
D 330	Diode	1SS133
D 335	Diode	1SS133
D 336	Diode	1SS133
D 337	Diode	1SS133
D 430	Diode	1SS133
D 435	Diode	1SS133
D 436	Diode	1SS133
D 437	Diode	1SS133
LED1	Blue LED	K500036000130-IL
L 1	Choke Coil 20 uH	D330270100030-IL
T 1	Transformer	8200450180030-IL
TH1	SMD Thermistor	F340184730010-IL
TH2	SMD Thermistor	F340184730010-IL
SW1	Slide Switch (LPF/HPF SELECT)	G060234200020-IL
SW2	Slide Switch (LPF/HPF SELECT)	G060234200020-IL
SW3	Slide Switch (INPUT SELECT)	G060224200020-IL
VR1	Rotary VR 50 kohm (GAIN)	C450105300010-IL
VR2	Rotary VR 50 kohm (GAIN)	C450105300010-IL
VR4	Rotary VR 100 kohm (FREQ)	C450101400020-IL
⚠ FU1	Fuse 25 A	CEK1329
⚠ FU2	Fuse 25 A	CEK1329

RESISTORS

R 1	RS1/8SQ203J
R 2	RS1/8SQ183J
R 3	RS1/8SQ472J
R 4	RS1/8SQ273J
R 5	RS1/8SQ103J
R 6	RS1/8SQ332J
R 7	RS1/8SQ103J
R 8	RS1/8SQ122J
R 9	RS1/8SQ104J
R 10	RS1/8SQ682J
R 11	RS1/8SQ222J
R 12	RS1/8SQ223J
R 14	RS1/8SQ392J
R 17	RS1/8SQ102J
R 18	RS1/8SQ102J
R 19	RS1/8SQ332J
R 20	RS1/8SQ472J
R 21	RS1/8SQ472J
R 24	RS1/4SA121J
R 25	RS1/4SA121J
R 26	RS1/4SA121J
R 27	RS1/4SA121J
R 31	RD1/4PU100J
R 32	RD1/4PU100J
R 35	C060039167000-IL
R 36	C060039167000-IL
R 37	C060039167000-IL
R 38	C060039167000-IL
R 40	RS1/8SQ512J
R 41	RS1PMF512J
R 42	RS1PMF332J
R 43	RS1/8SQ332J
R 45	RS1/8SQ223J
R 48	RS1/8SQ220J
R 49	RS1/8SQ153J
R 54	RS1/8SQ302J
R 55	RS1/8SQ822J
R 56	RS1/8SQ223J
R 57	RS1/8SQ223J
R 58	RS1/8SQ682J
R 59	RD1/4PU102J
R 60	RS1/8SQ333J
R 61	RS1/8SQ472J
R 62	RS1/8SQ473J
R 63	RS1/8SQ822J
R 64	RS1/8SQ272J
R 65	RS1/8SQ102J
R 66	RS1/8SQ223J
R 68	RS1/8SQ473J
R 69	RD1/4PU472J
R 79	RS1/8SQ103J
R 80	RS1/8SQ222J
R 101	RS1/8SQ102J
R 102	RS1/8SQ472J
R 103	RS1/8SQ392D
R 104	RS1/8SQ223J
R 105	RS1/8SQ153J
R 106	RS1/8SQ103J
R 113	RS1/8SQ224J
R 114	RS1/8SQ333J
R 115	RS1/8SQ333J
R 116	RS1/8SQ333J
R 117	RS1/8SQ183J
R 118	RS1/8SQ563J

Circuit Symbol and No.	Part No.	Circuit Symbol and No.	Part No.
R 125	RS1/8SQ103J	R 235	RS1/8SQ220J
R 126	RS1/8SQ332J	R 237	RS1/8SQ122J
R 129	RS1/8SQ562J	R 238	RS1/8SQ122J
R 130	RS1/8SQ682J	R 240	RS1/8SQ221J
R 131	RS1/8SQ682J	R 241	RS1/4SA101J
R 132	RS1/8SQ220J	R 242	RS1/8SQ472F
R 133	RS1/8SQ220J	R 243	RS1/8SQ391F
R 134	RS1/8SQ220J	R 244	RS1/8SQ182F
R 135	RS1/8SQ220J	R 245	RS1/4SA101J
R 137	RS1/8SQ122J	R 246	RS1/4SA151J
R 138	RS1/8SQ122J	R 247	RD1/4PU4R7J
R 140	RS1/8SQ221J	R 249	RS1/8SQ562J
R 141	RS1/4SA101J	R 250	RD1/4PU4R7J
R 142	RS1/8SQ472F	R 252	C144R15067000-IL
R 143	RS1/8SQ391F	R 253	C144R15067000-IL
R 144	RS1/8SQ182F	R 254	RD1/4PU4R7J
R 145	RS1/4SA101J	R 255	RS1/4SA151J
R 146	RS1/4SA151J	R 260	RS1/8SQ681J
R 147	RD1/4PU4R7J	R 261	RS1/8SQ681J
R 149	RS1/8SQ562J	R 262	RS1/8SQ103J
R 150	RD1/4PU4R7J	R 264	RS1/8SQ103J
R 152	C144R15067000-IL	R 266	RS1/8SQ153J
R 153	C144R15067000-IL	R 280	RS1/4SA223J
R 154	RD1/4PU4R7J	R 281	RS1/8SQ822J
R 155	RS1/4SA151J	R 282	RS1/8SQ822J
R 160	RS1/8SQ681J	R 283	RS1/8SQ392D
R 161	RS1/8SQ681J	R 284	RS1/8SQ392D
R 162	RS1/8SQ103J	R 285	RS1/8SQ223D
R 164	RS1/8SQ103J	R 286	RS1/8SQ392D
R 166	RS1/8SQ153J	R 287	RS1/8SQ223D
R 180	RS1/4SA223J	R 288	RS1/8SQ151J
R 181	RS1/8SQ822J	R 301	RS1/8SQ102J
R 182	RS1/8SQ822J	R 302	RS1/8SQ472J
R 183	RS1/8SQ392D	R 303	RS1/8SQ392D
R 184	RS1/8SQ392D	R 304	RS1/8SQ223J
R 185	RS1/8SQ223D	R 305	RS1/8SQ153J
R 186	RS1/8SQ392D	R 306	RS1/8SQ103J
R 187	RS1/8SQ223D	R 312	RS1/8SQ103J
R 188	RS1/8SQ151J	R 314	RS1/8SQ822J
R 190	RS1/8SQ102J	R 315	RS1/8SQ822J
R 201	RS1/8SQ102J	R 316	RS1/8SQ333J
R 202	RS1/8SQ472J	R 317	RS1/8SQ563J
R 203	RS1/8SQ392D	R 318	RS1/8SQ822J
R 204	RS1/8SQ223J	R 319	RS1/8SQ472J
R 205	RS1/8SQ153J	R 325	RS1/8SQ103J
R 206	RS1/8SQ103J	R 326	RS1/8SQ332J
R 213	RS1/8SQ103J	R 329	RS1/8SQ562J
R 214	RS1/8SQ103J	R 330	RS1/8SQ682J
R 215	RS1/8SQ103J	R 331	RS1/8SQ682J
R 216	RS1/8SQ333J	R 332	RS1/8SQ220J
R 217	RS1/8SQ183J	R 333	RS1/8SQ220J
R 218	RS1/8SQ563J	R 334	RS1/8SQ220J
R 225	RS1/8SQ103J	R 335	RS1/8SQ220J
R 226	RS1/8SQ332J	R 337	RS1/8SQ122J
R 229	RS1/8SQ562J	R 338	RS1/8SQ122J
R 230	RS1/8SQ682J	R 340	RS1/8SQ221J
R 231	RS1/8SQ682J	R 341	RS1/4SA101J
R 232	RS1/8SQ220J	R 342	RS1/8SQ472F
R 233	RS1/8SQ220J	R 343	RS1/8SQ391F
R 234	RS1/8SQ220J	R 344	RS1/8SQ182F

Circuit Symbol and No.	Part No.
R 345	RS1/4SA101J
R 346	RS1/4SA151J
R 347	RD1/4PU4R7J
R 349	RS1/8SQ562J
R 350	RD1/4PU4R7J
R 352	C144R15067000-IL
R 353	C144R15067000-IL
R 354	RD1/4PU4R7J
R 355	RS1/4SA151J
R 360	RS1/8SQ681J
R 361	RS1/8SQ681J
R 362	RS1/8SQ103J
R 364	RS1/8SQ103J
R 366	RS1/8SQ153J
R 380	RS1/4SA223J
R 381	RS1/8SQ822J
R 382	RS1/8SQ822J
R 383	RS1/8SQ392D
R 384	RS1/8SQ392D
R 385	RS1/8SQ223D
R 386	RS1/8SQ392D
R 387	RS1/8SQ223D
R 388	RS1/8SQ151J
R 401	RS1/8SQ102J
R 402	RS1/8SQ472J
R 403	RS1/8SQ392D
R 404	RS1/8SQ223J
R 405	RS1/8SQ153J
R 406	RS1/8SQ103J
R 413	RS1/8SQ103J
R 414	RS1/8SQ103J
R 415	RS1/8SQ103J
R 416	RS1/8SQ333J
R 417	RS1/8SQ563J
R 418	RS1/8SQ822J
R 419	RS1/8SQ472J
R 425	RS1/8SQ103J
R 426	RS1/8SQ332J
R 429	RS1/8SQ562J
R 430	RS1/8SQ682J
R 431	RS1/8SQ682J
R 432	RS1/8SQ220J
R 433	RS1/8SQ220J
R 434	RS1/8SQ220J
R 435	RS1/8SQ220J
R 437	RS1/8SQ122J
R 438	RS1/8SQ122J
R 440	RS1/8SQ221J
R 441	RS1/4SA101J
R 442	RS1/8SQ472F
R 443	RS1/8SQ391F
R 444	RS1/8SQ182F
R 445	RS1/4SA101J
R 446	RS1/4SA151J
R 447	RD1/4PU4R7J
R 449	RS1/8SQ562J
R 450	RD1/4PU4R7J
R 452	C144R15067000-IL
R 453	C144R15067000-IL
R 454	RD1/4PU4R7J

Circuit Symbol and No.	Part No.
R 455	RS1/4SA151J
R 460	RS1/8SQ681J
R 461	RS1/8SQ681J
R 462	RS1/8SQ103J
R 464	RS1/8SQ103J
R 466	RS1/8SQ153J
R 480	RS1/4SA223J
R 481	RS1/8SQ822J
R 482	RS1/8SQ822J
R 483	RS1/8SQ392D
R 484	RS1/8SQ392D
R 485	RS1/8SQ223D
R 486	RS1/8SQ392D
R 487	RS1/8SQ223D
R 488	RS1/8SQ151J

CAPACITORS

C 1		CEAT100M50
C 2		CKSQYB104K50
C 3		CEAT470M16
C 4		CCSQCH103J50
C 6		D02047206C060-IL
C 7		CEAT470M16
C 10		D02010206C060-IL
C 11		D02010206C060-IL
C 12		D041332084050-IL
C 13		D041332084050-IL
C 14		CEAT101M25
C 15		CKSQYB104K50
C 16		D02010406C060-IL
C 18	1 uF	CCG1255
C 19		CEAT100M50
C 20		D02010406C060-IL
C 21		CKSQYB104K50
C 22		CKSQYB104K50
C 23		D040472085300-IL
C 24		D040472085300-IL
C 34		CEAT2R2M50
C 35		CEHAT471M25
C 36		CEHAT471M25
C 37		CEAT1R0M50
C 41		CEAT470M16
C 46		CEAT1R0M50
C 50		CEHAT330M35
C 51		D02022406C060-IL
C 62		CKSQYB104K50
C 101		CEAT100M50
C 102		CCSQCH102J50
C 103		CCSQCH150J50
C 104		CCSQCH150J50
C 110		D02056306C060-IL
C 111		D02056306C060-IL
C 112		D02056306C060-IL
C 113		D02027306C060-IL
C 114		D020124078060-IL
C 129		CEAT471M25
C 130		CEHAT100M50
C 132		D01182077C201-IL
C 133		CCSQCH470J50

Circuit Symbol and No.	Part No.
C 134	CEHAT471M16
C 135	CCSQCH470J50
C 136	D01182077C201-IL
C 137	D02047306C060-IL
C 138	D02010406C060-IL
C 139	D02010306C060-IL
C 141	D01147177C201-IL
C 142	D01147177C201-IL
C 160	CEHAT1R0M50
C 180	CEAT100M50
C 181	CEAT100M50
C 182	CCSQCH470J50
C 184	CCSQCH150J50
C 185	CCSQCH470J50
C 190	D000471067051-IL
C 193	CKSQYB104K50
C 194	CKSQYB104K50
C 201	CEAT100M50
C 202	CCSQCH102J50
C 203	CCSQCH150J50
C 204	CCSQCH150J50
C 210	D02056306C060-IL
C 211	D02056306C060-IL
C 229	CEAT471M25
C 230	CEHAT100M50
C 232	D01182077C201-IL
C 233	CCSQCH470J50
C 234	CEHAT471M16
C 235	CCSQCH470J50
C 236	D01182077C201-IL
C 237	D02047306C060-IL
C 238	D02010406C060-IL
C 239	D02010306C060-IL
C 241	D01147177C201-IL
C 242	D01147177C201-IL
C 260	CEHAT1R0M50
C 280	CEAT100M50
C 281	CEAT100M50
C 282	CCSQCH470J50
C 284	CCSQCH150J50
C 285	CCSQCH470J50
C 301	CEAT100M50
C 302	CCSQCH102J50
C 303	CCSQCH150J50
C 304	CCSQCH150J50
C 310	D02056306C060-IL
C 311	D02056306C060-IL
C 313	D02027306C060-IL
C 314	D02068306C060-IL
C 330	CEHAT100M50
C 332	D01182077C201-IL
C 333	CCSQCH470J50
C 334	CEHAT471M16
C 335	CCSQCH470J50
C 336	D01182077C201-IL
C 337	D02047306C060-IL
C 338	D02010406C060-IL
C 339	D02010306C060-IL
C 341	D01147177C201-IL
C 342	D01147177C201-IL

Circuit Symbol and No.	Part No.
C 360	CEHAT1R0M50
C 380	CEAT100M50
C 381	CEAT100M50
C 382	CCSQCH470J50
C 384	CCSQCH150J50
C 385	CCSQCH470J50
C 393	CKSQYB104K50
C 401	CEAT100M50
C 402	CCSQCH102J50
C 403	CCSQCH150J50
C 404	CCSQCH150J50
C 410	D02056306C060-IL
C 411	D02056306C060-IL
C 430	CEHAT100M50
C 432	D01182077C201-IL
C 433	CCSQCH470J50
C 434	CEHAT471M16
C 435	CCSQCH470J50
C 436	D01182077C201-IL
C 437	D02047306C060-IL
C 438	D02010406C060-IL
C 439	D02010306C060-IL
C 441	D01147177C201-IL
C 442	D01147177C201-IL
C 460	CEHAT1R0M50
C 480	CEAT100M50
C 481	CEAT100M50
C 482	CCSQCH470J50
C 484	CCSQCH150J50
C 485	CCSQCH470J50
C 494	CKSQYB104K50