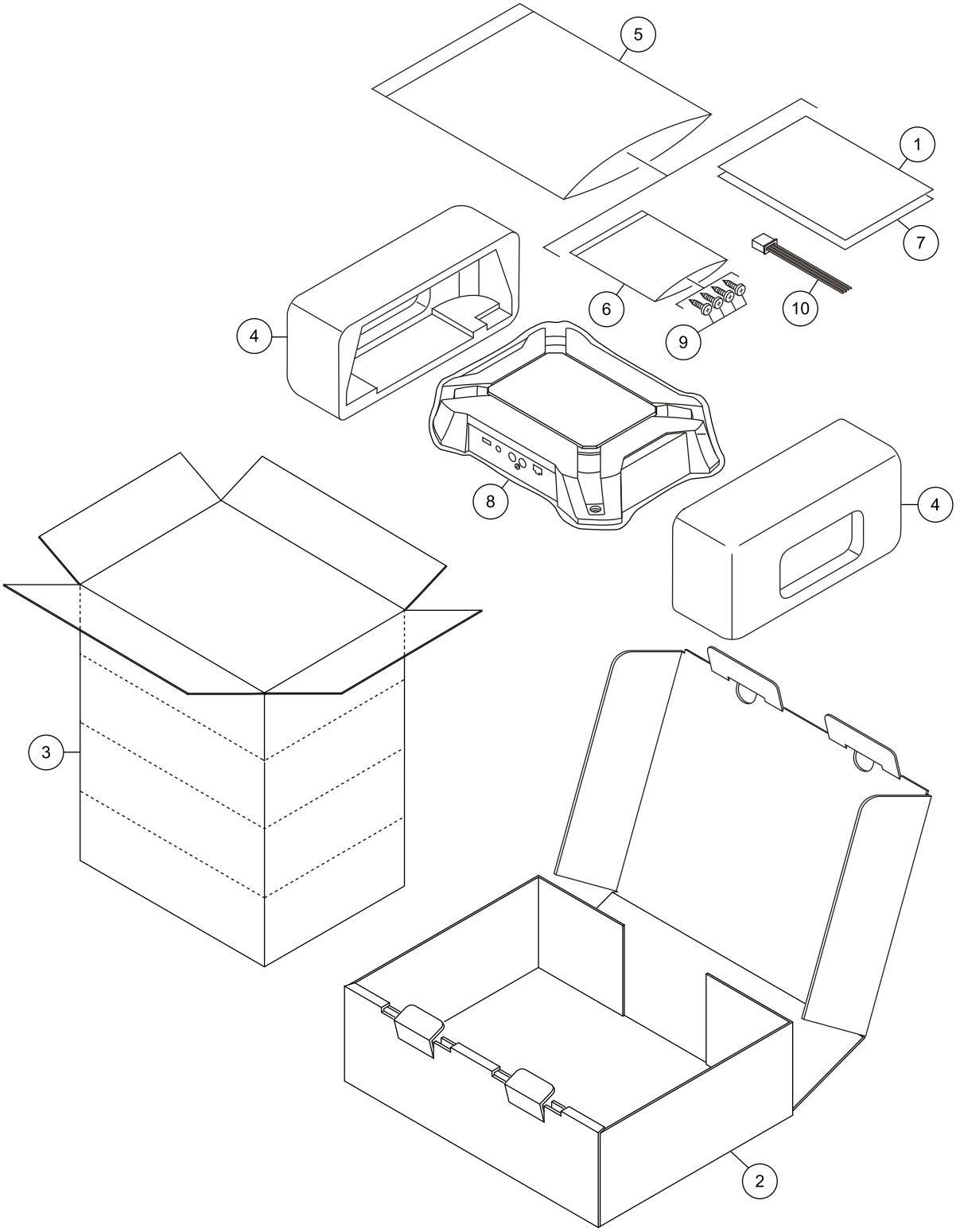
9. EXPLODED VIEWS AND PARTS LIST

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	6230212974000-IL
*	5	Polyethylene Bag	6337210282000-IL
*	6	Polyethylene Bag	6337210499000-IL
	7	Owner's Manual	See Contrast table (2)
*	8	Packing Cover	6337210489000-IL
	9	Screw	B010440183B10-IL
	10	MBL CMPX CONN CORD	L008101040030-IL

(2) CONTRAST TABLE

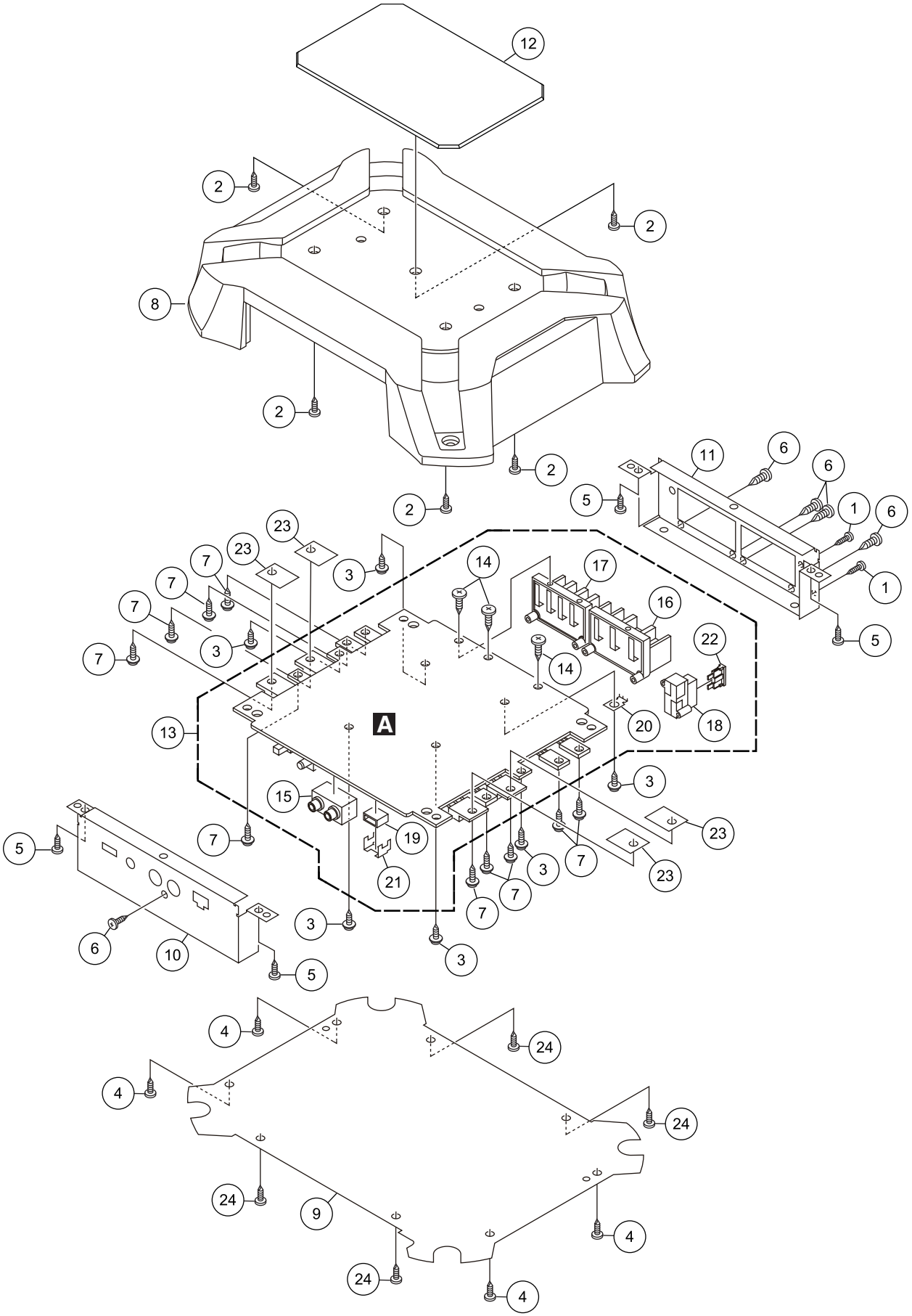
GM-3500T/XZUC, GM-3500T/XZEW5 and GM-3500T/XZES are constructed the same except for the following:

Mark	No.	Description	GM-3500T/XZUC	GM-3500T/XZEW5	GM-3500T/XZES
*	1	Warranty Card	5727000000271-IL	5727000000280-IL	Not used
*	2	Unit Box	6007211880000-IL	6007211880020-IL	6007211880010-IL
*	3	Contain Box	6027210800000-IL	6027210800020-IL	6027210800010-IL
	7	Owner's Manual	5707000005530-IL	5707000005550-IL	5707000005540-IL

Owner's Manual,Installation Manual

Part No.	Language
5707000005530-IL	English, French, Spanish(Espanol)
5707000005550-IL	English, French, Italian, Spanish(Espanol), German, Dutch, Russian
5707000005540-IL	English, Ptbr, 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	2127211978000-IL
	9	Case	3200213876000-IL
	10	Panel	3207213846000-IL
	11	Panel	3207213856000-IL
	12	Plate	4317215391000-IL
	13	PCB Kit	7025CA1001010-IL
	14	Screw	B020030101B10-IL
	15	RCA Jack	G601206B0500Y-IL
	16	BATT Terminal	G61801JXZ3X10-IL
	17	Screw SP Terminal	G61801JXZ4X10-IL
	18	Fuse Holder	G640000200010-IL
	19	Board in Connector	L102250040020-IL
	20	Terminal	3790040886000-IL
	21	Holder	4010215146000-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 : 7025CA1001010

Unit Name : PCB Kit

A

Unit Number : 7025CA1001010

Unit Name : PCB Kit

MISCELLANEOUS

Circuit Symbol and No.		Part No.
IC 1	IC	NJM4565MD
IC 2	IC	NJM4565MD
IC 6	IC	J080004940010-IL
IC 7	IC	NJM4565MD
Q 1	Transistor	J5201504Y0210-IL
Q 2	Transistor	J522011100210-IL
Q 3	Transistor	J522011100210-IL
Q 4	Transistor	J522010200210-IL
Q 5	Transistor	J5001266Y0050-IL
Q 6	Transistor	J5001266Y0050-IL
Q 7	Power MOS FET	J544600600020-IL
Q 8	Power MOS FET	J544600600020-IL
Q 11	Transistor	J5201661Y0210-IL
Q 12	Transistor	J522011100210-IL
Q 40	Transistor	J5201504Y0210-IL
Q 41	Transistor	J5223875Y0210-IL
Q 42	Transistor	J5223875Y0210-IL
Q 60	Transistor	J522011100210-IL
Q 61	Transistor	J520010500210-IL
Q 62	Transistor	J522010200210-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
D 1	Diode	1SS133
D 2	Diode	1SS133
D 4	Diode	1SS133
D 5	Diode	1SS133
D 6	Diode	K041120001000-IL
D 7	Diode	K041120002000-IL
D 9	Diode	K040540100000-IL
D 10	Diode	K000400700010-IL
D 60	Diode	1SS133
D 61	Diode	1SS133
D 100	Diode	K06015R005520-IL
D 129	Diode	1SS133
D 130	Diode	1SS133
D 135	Diode	1SS133
D 136	Diode	1SS133
D 200	Diode	K06015R005520-IL
D 229	Diode	1SS133
D 230	Diode	1SS133
D 235	Diode	1SS133
D 236	Diode	1SS133
LED1	Blue LED	K500036000130-IL
L 2	Choke Coil 27 uH	D330270100010-IL
T 1	Transformer	8200290080030-IL
TH1	SMD Thermistor	F340184730010-IL

Circuit Symbol and No.		Part No.
SW1	Slide Switch(LPF)	G060224200020-IL
VR1	Rotary VR 50 kohm (GAIN)	C450105300010-IL
⚠ FU1	Fuse 25 A	CEK1329

RESISTORS

R 1	RS1/8SQ203J
R 2	RS1/8SQ183J
R 3	RS1/8SQ472J
R 4	RS1/8SQ152J
R 6	RS1/8SQ273J
R 7	RS1/8SQ332J
R 8	RS1/8SQ103J
R 10	RS1/8SQ104J
R 11	RS1/8SQ153J
R 12	RS1/8SQ682J
R 13	RS1/8SQ392D
R 15	RS1/8SQ302J
R 16	RS1/8SQ152J
R 17	RS1/8SQ102J
R 18	RS1/8SQ102J
R 20	RS1/8SQ472J
R 21	RS1/8SQ472J
R 22	RS1/4SA121J
R 23	RS1/4SA121J
R 24	RD1/4PU100J
R 25	RD1/4PU100J
R 29	RS1/8SQ223J
R 30	RS1/8SQ102J
R 31	RS1/8SQ222J
R 32	RS1/8SQ153J
R 35	RS1PMF471J
R 36	RS1PMF471J
R 44	RS1/8SQ223J
R 45	RS1/8SQ473J
R 46	RS1/8SQ822J
R 47	RS1/8SQ472J
R 48	RS1/8SQ682J
R 54	RS1/8SQ103J
R 55	RD1/4PU182J
R 56	RD1/4PU222J
R 57	RS1PMF332J
R 58	RS1PMF512J
R 60	RS1/8SQ473J
R 61	RS1/8SQ223J
R 62	RS1/8SQ223J
R 63	RS1/8SQ822J
R 64	RS1/8SQ302J
R 65	RD1/4PU102J
R 66	RS1/8SQ562J
R 67	RS1/8SQ473J
R 68	RS1/8SQ273J
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 120	RS1/8SQ333J
R 121	RS1/8SQ333J
R 122	RS1/8SQ333J

Circuit Symbol and No.	Part No.
R 125	RS1/8SQ103J
R 126	RS1/8SQ332J
R 129	RS1/8SQ562J
R 130	RS1/8SQ682J
R 131	RS1/8SQ682J
R 132	RS1/8SQ220J
R 133	RS1/8SQ220J
R 134	RS1/8SQ220J
R 135	RS1/8SQ220J
R 137	RS1/8SQ122J
R 138	RS1/8SQ122J
R 140	RS1/8SQ221J
R 141	RS1/4SA101J
R 142	RS1/8SQ472F
R 143	RS1/8SQ270F
R 144	RS1/8SQ182F
R 145	RS1/4SA101J
R 146	RS1/4SA151J
R 147	RD1/4PU4R7J
R 149	RS1/8SQ562J
R 150	RD1/4PU4R7J
R 152	C144R15067000-IL
R 153	C144R15067000-IL
R 154	RD1/4PU4R7J
R 155	RS1/4SA151J
R 160	RS1/8SQ560J
R 161	RS1/8SQ560J
R 162	RS1/8SQ103J
R 164	RS1/8SQ103J
R 165	RS1/8SQ472J
R 166	RS1/8SQ153J
R 180	RS1/4SA223J
R 181	RS1/8SQ822J
R 182	RS1/8SQ822J
R 183	RS1/8SQ392D
R 184	RS1/8SQ392D
R 185	RS1/8SQ223D
R 186	RS1/8SQ392D
R 187	RS1/8SQ223D
R 188	RS1/8SQ151J
R 190	RS1/8SQ102J
R 201	RS1/8SQ102J
R 202	RS1/8SQ472J
R 203	RS1/8SQ392D
R 204	RS1/8SQ223J
R 205	RS1/8SQ153J
R 206	RS1/8SQ103J
R 220	RS1/8SQ333J
R 221	RS1/8SQ224J
R 222	RS1/8SQ103J
R 223	RS1/8SQ103J
R 224	RS1/8SQ103J
R 225	RS1/8SQ103J
R 226	RS1/8SQ332J
R 229	RS1/8SQ562J
R 230	RS1/8SQ682J
R 231	RS1/8SQ682J
R 232	RS1/8SQ220J
R 233	RS1/8SQ220J
R 234	RS1/8SQ220J

Circuit Symbol and No.	Part No.
R 235	RS1/8SQ220J
R 237	RS1/8SQ122J
R 238	RS1/8SQ122J
R 240	RS1/8SQ221J
R 241	RS1/4SA101J
R 242	RS1/8SQ472F
R 243	RS1/8SQ270F
R 244	RS1/8SQ182F
R 245	RS1/4SA101J
R 246	RS1/4SA151J
R 247	RD1/4PU4R7J
R 249	RS1/8SQ562J
R 250	RD1/4PU4R7J
R 252	C144R15067000-IL
R 253	C144R15067000-IL
R 254	RD1/4PU4R7J
R 255	RS1/4SA151J
R 260	RS1/8SQ560J
R 261	RS1/8SQ560J
R 262	RS1/8SQ103J
R 264	RS1/8SQ103J
R 265	RS1/8SQ472J
R 266	RS1/8SQ153J
R 280	RS1/4SA223J
R 281	RS1/8SQ822J
R 282	RS1/8SQ822J
R 283	RS1/8SQ392D
R 284	RS1/8SQ392D
R 285	RS1/8SQ223D
R 286	RS1/8SQ392D
R 287	RS1/8SQ223D
R 288	RS1/8SQ151J

CAPACITORS

C 1		CKSQYB104K50
C 2		CEAT100M50
C 3		CEAT470M16
C 4		CCSQCH103J50
C 5		D02047206C060-IL
C 6		CEAT470M16
C 8		CEAT101M25
C 12		D02010206C060-IL
C 13		D02010206C060-IL
C 14		CEAT1R0M50
C 17		D041332084050-IL
C 19		D02010406C060-IL
C 20		CEAT100M50
C 23		D040222085020-IL
C 24		D040222085020-IL
C 26		CKSQYB104K50
C 35		CEAT471M25
C 36		CEAT471M25
C 40		CEAT1R0M50
C 41		CEAT470M16
C 60		CEAT2R2M50
C 62		CKSQYB104K50
C 63		CEAT330M35
C 64	1 uF	CCG1255
C 101		CEAT100M50

Circuit Symbol and No.	Part No.
C 102	CCSQCH102J50
C 103	CCSQCH150J50
C 104	CCSQCH150J50
C 112	D02056306C060-IL
C 113	D02027306C060-IL
C 114	D020124078060-IL
C 129	CEAT471M25
C 130	CEAT100M50
C 132	D01182077C201-IL
C 133	CCSQCH470J50
C 134	CEAT471M16
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	CEAT1R0M50
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
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C 234	CEAT471M16
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	CEAT1R0M50
C 280	CEAT100M50
C 281	CEAT100M50
C 282	CCSQCH470J50
C 284	CCSQCH150J50
C 285	CCSQCH470J50