

9. EXPLODED VIEWS AND PARTS LIST

NOTES : • Parts marked by " * " are generally unavailable because they are not in our Master Spare Parts List.

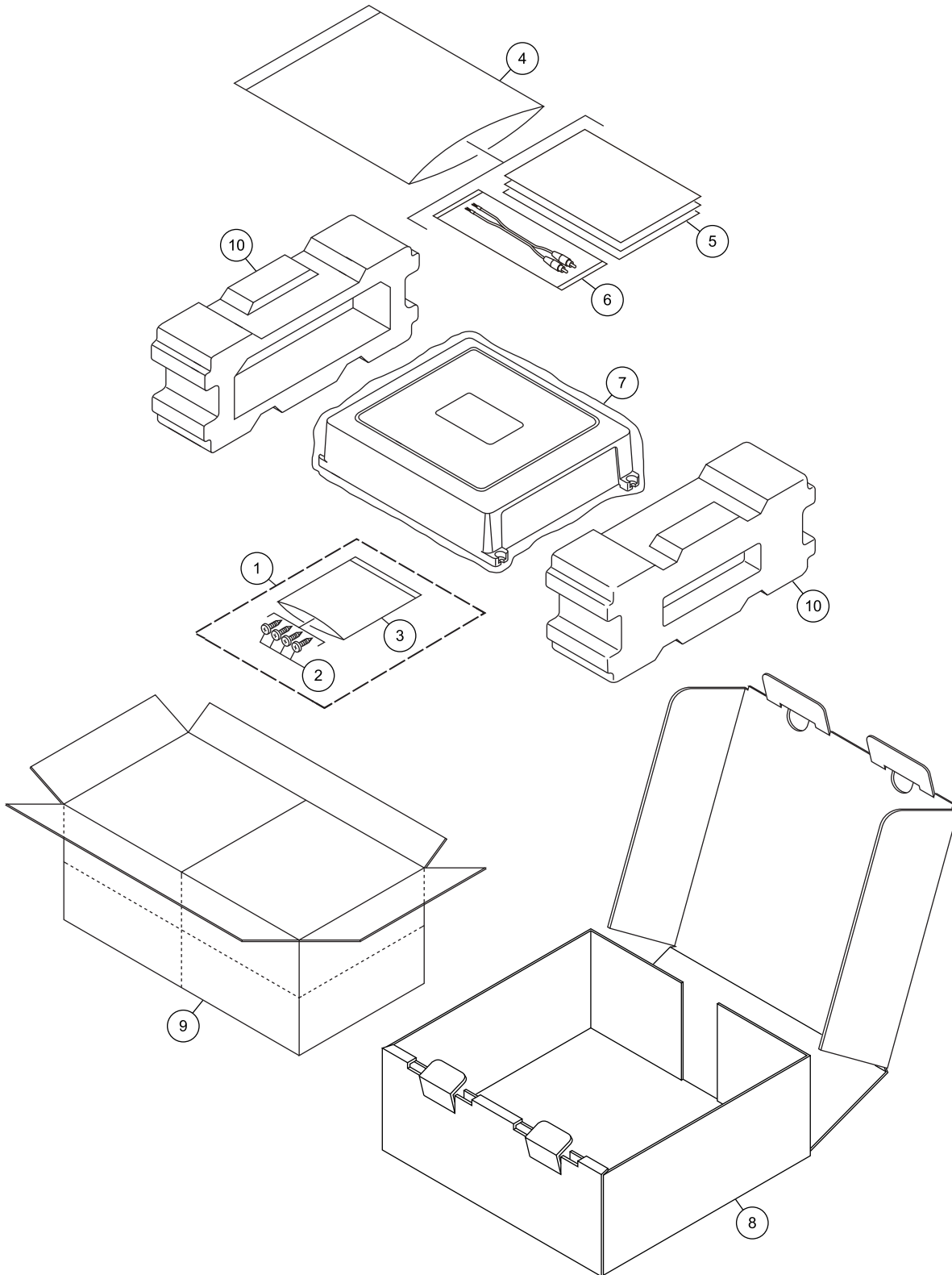
• The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

• 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



	5		6		7		8	
(1) PACKING SECTION PARTS LIST								
Mark	No.	Description	Part No.	Mark	No.	Description	Part No.	
	1	Screw Assy	CEA5330	5-2	Owner's Manual	See Contrast table(2)		
	2	Screw	BYC40P180FTB	6	Cord Assy	YDE5010		A
*	3	Polyethylene Sheet	CNM4338	7	Polyethylene Bag	See Contrast table(2)		
	4	Polyethylene Bag	CEG1116	8	Unit Box	See Contrast table(2)		
*	5-1	Warranty Card	See Contrast table(2)	9	Contain Box	See Contrast table(2)		
				10	Protector	YHP5062		

(2) CONTRAST TABLE
 GM-D7500M/XSUC, GM-D7500M/XSEW5,GM-D7500M/XSES and GM-D7500M/XSCN5 are constructed the same except for the following:

Mark	No.	Description	GM-D7500M/XSUC	GM-D7500M/XSEW5	GM-D7500M/XSES	GM-D7500M/XSCN5	
	5-1	Warranty Card	CRY1276	CRY1279	Not used	YRY5002	B
	5-2	Owner's Manual	YRD5294	YRD5293	YRD5295	YRB5118	
	7	Polyethylene Bag	YEG5004	YEG5003	YEG5003	YEG5003	
	8	Unit Box	YHG5513	YHG5512	YHG5514	YHG5515	
	9	Contain Box	YHL5513	YHL5512	YHL5568	YHL5515	

Owner's Manual,Installation Manual

Part No.	Language	
YRD5293	English, Spanish(Espanol), German, French, Italian, Dutch, Russian	
YRD5294	English, Spanish(Espanol), French	
YRD5295	English, Spanish(Espanol), Portuguese(B), Arabic	
YRB5118	Simplified Chinese	C

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9.2 EXTERIOR

A

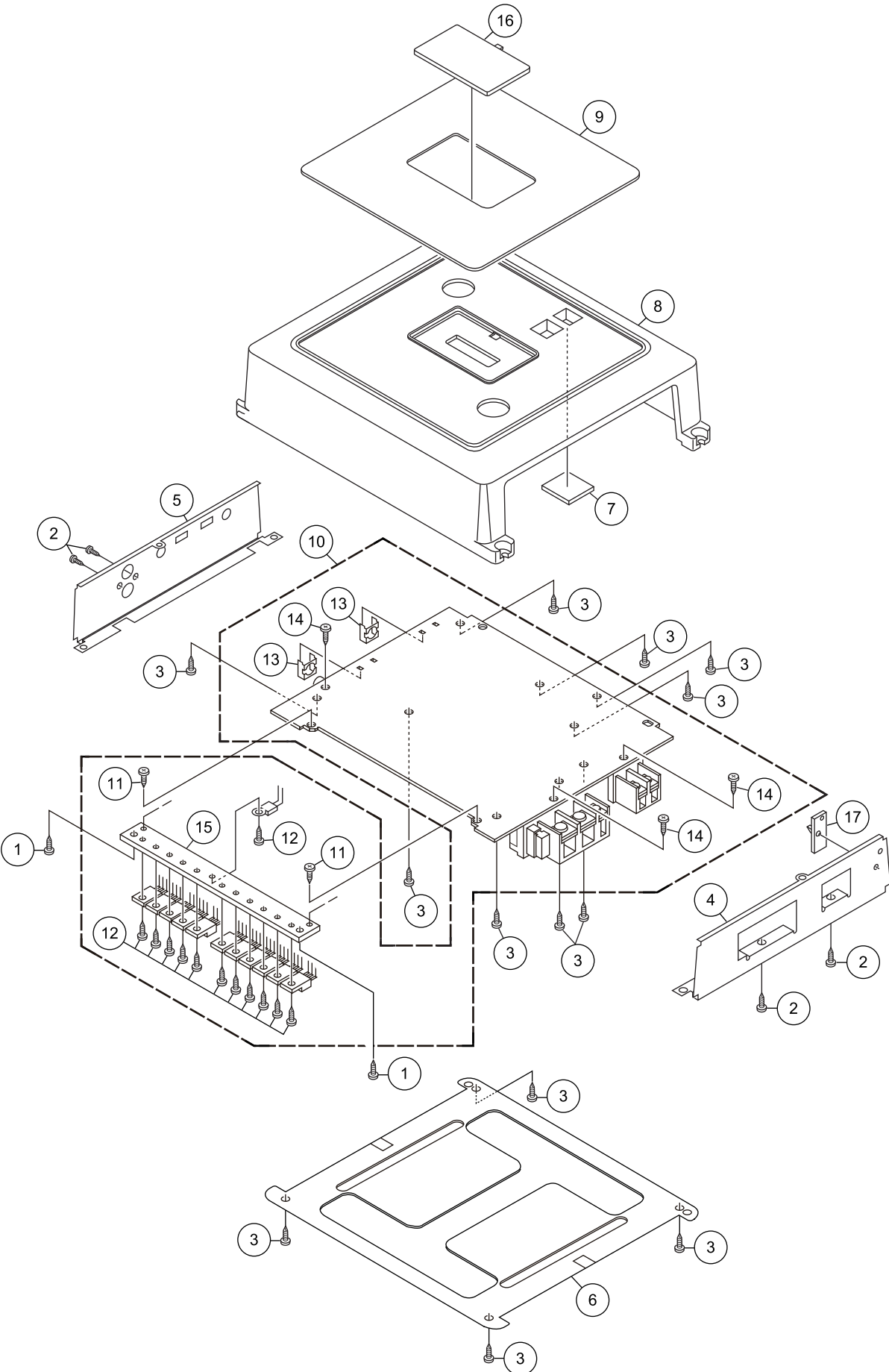
B

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EXTERIOR SECTION PARTS LIST

<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>
1	Screw	BBZ30P100FTB
2	Screw	BBZ30P100FTB
3	Screw(M3 x 8)	CBA2011
4	Panel	YNB5060
5	Panel	YNB5061
6	Case	YNB5062
7	Rubber Seet	YNN5028
8	Heat Sink	YNR5132
9	Cover	YNR5133
10	Amp Unit	YWH5043
11	Screw	BBZ30P080FSN
12	Screw(M3 x 8)	CBA2011
13	Holder	CND2466
14	Screw	PPZ30P100FSN
15	Sub Heat Sink	YNR5144
16	Badge Unit	YXA5694
17	Lighting Conductor Unit	YXA5697

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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/○○○○○J,RS1/○○○○○J

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

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

- The Δ 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

Circuit Symbol and No.

Part No.

Circuit Symbol and No.

Part No.

Unit Number : YWH5043

Unit Name : Amp Unit

Q 619	(A,73,163) Transistor	2SD2395
Q 691	(A,149,85) Transistor	LTC114EUB
Q 901	(A,150,93) Transistor	2SC4081
Q 910	(A,156,83) Transistor	2SC4081
Q 911	(A,156,79) Transistor	2SC4081

Q 920	(A,141,84) Chip Transistor	2SA1576A
Q 921	(A,141,80) Chip Transistor	2SA1576A
Q 923	(A,138,80) Chip Digital Transistor	LTA124EUB
Q 924	(B,47,40) Transistor	DTC643TU
Q 930	(A,115,81) Chip Transistor	2SA1576A

Q 931	(A,110,79) Transistor	2SC4081
Q 932	(A,113,72) Transistor	2SC4081
Q 933	(A,120,85) Transistor	DTC114WUA
Q 934	(A,115,85) Transistor	LTC114YUB
D 101	(B,34,112) Diode	1SS355

D 102	(B,36,112) Diode	1SS355
D 103	(B,31,99) Diode	1SS355
D 104	(B,40,105) Diode	1SS355
D 105	(B,34,81) Diode	1SS355
D 106	(B,36,81) Diode	1SS355

D 107	(B,31,68) Diode	1SS355
D 108	(B,40,74) Diode	1SS355
D 301	(B,89,11) Diode	RF081M2S
D 302	(B,95,11) Diode	RF081M2S
D 303	(B,92,29) Diode	UDZS5R1(B)

D 304	(B,89,26) Diode	UDZS5R1(B)
D 601	(A,181,107) Diode	RM4Z-LFJ4
D 602	(A,153,90) Diode	UDZS7R5(B)
D 603	(A,119,91) Diode	TDZ8.2
D 604	(A,124,81) Diode	UDZS4R7(B)

D 605	(A,129,85) Diode	DAN202U
D 606	(A,210,18) LED	CL-197HB1-D(CDE)
D 607	(A,98,163) Diode	FML22S
D 608	(A,86,163) Diode	FML22R
D 609	(A,49,156) Diode	UDZS16(B)

D 610	(A,20,156) Diode	UDZS16(B)
D 611	(A,51,133) Diode	UDZS13(B)
D 615	(A,119,80) Diode	1SS355
D 901	(A,134,92) Diode	UDZS16(B)
D 922	(A,137,84) Diode	UDZS9R1(B)

IC 101	(B,34,105) IC	NJM2068MD
IC 102	(B,34,74) IC	NJM2068MD
IC 103	(B,35,45) IC	NJM4558MD
IC 104	(B,35,24) IC	NJM4558MD
IC 105	(B,46,24) IC	NJM4558MD

IC 301	(B,99,23) IC	IRS2092SPBF
IC 602	(A,103,101) IC	UPC494GS
Q 101	(B,47,45) Chip Digital Transistor	LTA124EUB
Q 102	(B,47,50) Transistor	LTC114YUB
Q 103	(B,43,49) Transistor	2SC4081

Q 301	(B,133,29) FET	IRF6775MPBF
Q 302	(B,124,15) FET	IRF6775MPBF
Q 303	(B,124,29) FET	IRF6775MPBF
Q 304	(B,133,15) FET	IRF6775MPBF
Q 601	(A,149,89) Transistor	2SC4081

Q 602	(A,144,88) Chip Transistor	2SA1576A
Q 603	(A,129,78) Chip Transistor	2SA1576A
Q 606	(A,113,92) Transistor	2SB1243
Q 607	(A,117,110) Transistor	2SD1766
Q 608	(A,107,116) Transistor	2SB1188

Q 609	(A,117,116) Transistor	2SB1188
Q 610	(A,107,110) Transistor	2SD1766
Q 611	(A,145,163) Transistor	FKV550N
Q 612	(A,182,163) Transistor	FKV550N
Q 613	(A,133,163) Transistor	FKV550N

Q 614	(A,169,163) Transistor	FKV550N
Q 615	(A,120,163) Transistor	FKV550N
Q 616	(A,157,163) Transistor	FKV550N
Q 617	(A,61,163) Transistor	2SD2395
Q 618	(A,48,163) Transistor	2SB1566

5			6			7			8		
<u>Circuit Symbol and No.</u>			<u>Part No.</u>			<u>Circuit Symbol and No.</u>			<u>Part No.</u>		
D 930	(A,108,82)	Diode	1SS355			R 138	(B,30,81)		RS1/10SR223J		
D 931	(A,108,77)	Diode	UDZS30(B)			R 141	(B,38,88)		RS1/10SR472J		
D 932	(A,116,73)	Diode	UDZS24(B)			R 142	(B,38,59)		RS1/10SR472J		
D 933	(A,108,73)	Diode	UDZS30(B)			R 161	(A,55,22)		RS1/10SR221J		A
D 934	(A,134,80)	Diode	DAN202U			R 302	(B,90,21)		RS1/8SQ222J		
L 301	(A,161,25)	Choke Coil 25 uH	YTH5022			R 304	(B,95,33)		RS1/8SQ331J		
L 601	(A,185,128)	Choke Coil 50 uH	YTH5010			R 305	(B,103,29)		RS1/8SQ822J		
L 602	(A,66,136)	Choke Coil 320 uH	YTH5018			R 306	(B,103,33)		RS1/8SQ332J		
L 603	(A,93,136)	Choke Coil 320 uH	YTH5018			R 307	(B,94,16)		RS1/8SQ333J		
T 601	(A,148,122)	Transformer	YTT5012			R 308	(B,91,16)		RS1/8SQ472J		
TH601	(B,136,36)	Thermistor	CCX1088			R 309	(B,89,16)		RS1/8SQ682J		
TH603	(A,131,103)	Thermistor	CCX1064			R 310	(A,65,12)		RD1/4PU4R7J		
TH604	(A,109,164)	Thermistor	CCX1013			R 311	(B,97,16)		RS1/8SQ103J		
S 101	(A,15,74)	Switch(6dB-12dB)	CSH1021			R 312	(A,68,17)		RS1/2PMF100J		
S 102	(A,15,52)	Switch(LPF)	CSH1029			R 313	(B,105,13)		RS1/8SQ822J		B
VR101	(A,19,93)	Variable Resistor 20 kohm	YCS5002			R 315	(B,111,23)		RS1/8SQ470J		
VR102	(A,19,35)	Variable Resistor 10 kohm(A)	CCS1265			R 316	(B,111,25)		RS1/8SQ470J		
△FU601	Fuse 40A	CEK1332				R 317	(B,111,11)		RS1/8SQ470J		
CN101	(A,12,123)	RCA Pinjack	YKB5015			R 318	(B,111,9)		RS1/8SQ470J		
CN102	(A,16,140)	Terminal	VNF1084			R 319	(B,100,14)		RS1/8SQ333J		
CN301	(A,208,52)	Terminal	YKE5032			R 320	(A,117,40)		RD1/4PU1R0J		
CN302	(A,205,76)	Terminal	VNF1084			R 321	(A,160,73)		RD1/4PU823J		
CN303	(A,168,48)	Terminal	VNF1084			R 322	(A,176,23)		RS2LMF100J		
CN601	(A,208,117)	Terminal	YKE5030			R 323	(A,198,23)		RS2LMF100J		
CN602	(A,198,110)	Terminal	VNF1084			R 324	(A,184,23)		RS2LMF100J		
CN603	(A,72,108)	Terminal	VNF1084			R 325	(A,191,23)		RS2LMF100J		C
CN604	(A,196,153)	Terminal	VNF1084			R 331	(B,110,21)		RS1/10SR563J		
RESISTORS						R 332	(B,113,21)		RS1/10SR221J		
R 101	(A,32,107)		RS1/10SR333J			R 601	(A,176,83)		RD1/4PU222J		
R 102	(A,34,107)		RS1/10SR333J			R 602	(A,155,94)		RS1/10SR473J		
R 103	(B,32,112)		RS1/10SR471J			R 603	(A,153,86)		RS1/10SR103J		
R 104	(B,32,81)		RS1/10SR471J			R 604	(A,152,90)		RS1/10SR103J		
R 109	(B,38,105)	10 kohm	CCN1152			R 605	(A,147,87)		RS1/10SR222J		
						R 606	(A,144,91)		RS1/10SR472J		
						R 607	(A,130,92)		RD1/4PU471J		
R 110	(B,38,74)	10 kohm	CCN1152			R 610	(A,121,81)		RS1/10SR473J		D
R 111	(B,36,99)	10 kohm	CCN1152			R 613	(A,121,78)		RS1/10SR103J		
R 112	(B,36,68)	10 kohm	CCN1152			R 616	(A,126,77)		RS1/10SR104J		
R 113	(B,34,100)	10 kohm	CCN1152			R 617	(A,130,73)		RS1/10SR102J		
R 114	(B,34,69)	10 kohm	CCN1152			R 618	(A,132,77)		RS1/10SR104J		
R 115	(B,31,95)	10 kohm	CCN1152			R 621	(A,130,82)		RS1/10SR472J		
R 116	(B,31,64)	10 kohm	CCN1152			R 622	(A,128,82)		RS1/10SR472J		
R 117	(B,46,53)		RS1/10SR104J			R 627	(A,112,86)		RD1/4PU472J		
R 119	(B,44,45)		RS1/10SR472J			R 628	(A,115,89)		RS1/10SR223J		
R 120	(B,42,45)		RS1/10SR821J			R 632	(A,100,86)		RD1/4PU182J		
R 122	(A,19,85)		RS1/10SR272J			R 633	(A,100,89)		RD1/4PU331J		
R 123	(A,22,85)		RS1/10SR272J			R 634	(A,106,94)		RS1/10SR105J		E
R 124	(B,36,52)		RS1/10SR104J			R 635	(A,105,94)		RS1/10SR153J		
R 126	(B,38,31)		RS1/10SR182J			R 637	(A,102,108)		RS1/10SR472J		
R 127	(B,36,31)		RS1/10SR470J			R 638	(A,100,108)		RS1/10SR472J		
R 128	(B,34,34)		RS1/10SR101J			R 639	(A,102,111)		RS1/10SR472J		
R 129	(A,21,54)		RS1/10SR121J			R 640	(A,96,106)		RS1/10SR222J		
R 130	(A,21,52)		RS1/10SR122J			R 641	(A,96,109)		RS1/10SR184J		
R 131	(A,21,50)		RS1/10SR104J			R 642	(A,100,111)		RS1/10SR103J		
R 132	(B,34,30)		RS1/10SR182J			R 643	(A,113,116)		RS1/8SQ332J		
R 133	(B,45,33)		RS1/10SR102J			R 644	(A,102,117)		RS1/8SQ332J		
R 134	(B,35,18)		RS1/10SR331J			R 645	(A,121,106)		RS1/10SR472J		
R 135	(B,39,18)		RS1/10SR273J			R 646	(A,111,115)		RS1/10SR472J		F
R 136	(B,45,30)		RS1/10SR512J			R 647	(A,179,150)		RS1/2PMF121J		
R 137	(B,30,111)		RS1/10SR223J			R 648	(A,142,150)		RS1/2PMF121J		

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Circuit Symbol and No.**Part No.****Circuit Symbol and No.****Part No.**

R 649 (A,167,150) RS1/2PMF121J
 R 650 (A,130,150) RS1/2PMF121J
 R 651 (A,155,150) RS1/2PMF121J
 R 652 (A,118,150) RS1/2PMF121J
 R 653 (A,171,138) RS1/2PMF220J

C 123 (B,34,32)
 C 124 (B,40,31)
 C 125 (A,23,45)
 C 126 (B,38,17)
 C 127 (B,33,18)
 C 128 (B,45,32)

CKSRYB472K50
 CKSRYB103K50
 CEAT4R7M50
 CKSQYB224K50
 CKSRYB103K50
 CCSRCH101J50

R 654 (A,163,146) RS1/2PMF220J
 R 655 (A,114,131) RS1/2PMF220J
 R 656 (A,124,116) RS1/2PMF220J
 R 657 (A,119,135) RS1/2PMF220J
 R 658 (A,28,143) RS1/2PMF101J

C 129 (B,48,30)
 C 130 (B,44,18)
 C 131 (A,55,26)
 C 141 (A,24,105)
 C 142 (A,24,64)

CKSRYB103K50
 CKSRYB103K50
 CEAT220M50
 CEAT330M50
 CEAT330M50

R 659 (A,44,143) RS1/2PMF101J
 R 660 (A,29,155) RD1/4PU153J
 R 661 (A,59,155) RD1/4PU153J
 R 662 (A,25,146) RD1/4PU102J
 R 663 (A,49,144) RD1/4PU102J

C 150 (A,23,26)
 C 161 (A,55,20)
 C 301 (B,92,25)
 C 302 (B,98,34)
 C 303 (B,98,30)

CEAT470M25
 CKSRYB222K50
 CKSRYB103K50
 CCSRCH222J50
 CCSRCH222J50

R 664 (A,39,143) RS2LMF471J
 R 665 (A,33,143) RS2LMF471J
 R 666 (A,44,127) RD1/4PU223J
 R 670 (A,128,100) RS1/10SR473J
 R 671 (A,101,94) RS1/10SR182J

C 304 (B,97,30)
 C 305 (A,83,29)
 C 307 (A,83,37)
 C 308 (A,83,12)
 C 309 (A,77,12)

CCSRCH102J50
 CEAT220M25
 CEAT220M25
 CEAT220M50
 CEAT220M50

R 680 (A,121,91) RS1/10SR222J
 R 691 (A,148,80) RS1/10SR392J
 R 901 (A,137,96) RD1/4PU472J
 R 902 (A,142,90) RS1/10SR102J
 R 910 (A,156,86) RS1/10SR333J

C 315 (A,199,53) 2 200 pF
 C 316 (A,206,65)
 C 318 (B,90,25)
 C 319 (B,94,29)
 C 320 (B,101,11)

CCG1248
 CKSQYB103K50
 CKSRYB104K50
 CKSRYB104K50
 CKSRYB104K50

R 911 (A,160,81) RD1/4PU472J
 R 920 (A,135,74) RD1/4PU472J
 R 921 (A,145,80) RS1/10SR222J
 R 930 (A,115,78) RS1/10SR102J
 R 931 (A,106,82) RS1/10SR102J

C 321 (B,99,11)
 C 331 (B,110,19)
 C 340 (A,121,36) 0.1 uF
 C 341 (A,121,29) 0.1 uF
 C 343 (A,176,37)

CKSRYB104K50
 CCSRCH221J50
 ACG1088
 ACG1088
 CFTLA474J50

R 933 (A,154,81) RS1/10SR222J
 R 934 (A,110,75) RS1/10SR472J
 R 935 (A,106,72) RS1/10SR102J
 R 936 (A,106,78) RS1/10SR472J
 R 937 (A,106,75) RS1/10SR104J

C 344 (A,174,47)
 C 345 (A,184,37)
 C 346 (A,181,47)
 C 347 (A,198,37)
 C 348 (A,195,47)

CFTLA474J50
 CFTLA474J50
 CFTLA474J50
 CFTLA334J50
 CFTLA334J50

R 938 (A,104,74) RS1/10SR223J
 R 939 (A,113,75) RS1/10SR103J
 R 940 (A,117,79) RS1/10SR102J
 R 941 (A,124,86) RS1/10SR223J

C 349 (A,191,37)
 C 350 (A,188,47)
 C 602 (A,203,118)
 C 604 (A,155,96)
 C 606 (A,202,89)

CFTLA334J50
 CFTLA334J50
 CKSRYB103K50
 CKSRYB103K50
 CKSRYB103K50

CAPACITORS

C 103 (B,29,95) CCSRCH471J50
 C 104 (B,29,64) CCSRCH471J50
 C 105 (A,18,111) CKSRYB102K50
 C 106 (A,20,111) CKSRYB102K50
 C 107 (B,36,85) CKSRYB103K50

C 608 (A,153,94)
 C 609 (A,125,90)
 C 611 (A,129,76)
 C 614 (A,208,18)
 C 615 (A,103,94)

CKSRYB103K50
 CKSQYB104K50
 CKSRYB103K50
 CKSRYB104K50
 CKSRYB102K50

C 108 (B,36,116) CKSRYB103K50
 C 109 (B,34,116) CKSRYB103K50
 C 110 (B,34,85) CKSRYB103K50
 C 111 (B,38,99) CCSRCH470J50
 C 112 (B,38,68) CCSRCH470J50

C 617 (A,99,94)
 C 618 (A,104,108)
 C 619 (A,113,98)
 C 620 (A,95,117)
 C 621 (A,98,111)

CKSRYB105K16
 CKSRYB223K50
 CEAT101M16
 CFTLA223J50
 CKSRYB104K16

C 113 (B,34,98) CCSRCH470J50
 C 114 (B,34,67) CCSRCH470J50
 C 115 (B,34,94) CKSRYB102K50
 C 116 (B,34,63) CKSRYB102K50
 C 118 (A,55,40) CEAT4R7M50

C 622 (A,163,156)
 C 623 (A,171,147)
 C 624 (A,185,93) 3 900 uF/16 V
 C 625 (A,168,93) 3 900 uF/16 V
 C 626 (A,114,140) 1 000 pF

CCSCH472J50
 CCSCH472J50
 YCH5003(P35)
 YCH5003(P35)
 CCG1186

C 119 (A,25,83) CKSQYB224K50
 C 120 (B,37,52) CKSRYB103K50
 C 121 (A,18,105) CKSQYB154K50
 C 122 (B,33,39) CKSRYB103K50

C 627 (A,124,140) 1 000 pF
 C 628 (A,121,122) 1 000 pF
 C 629 (A,84,99) 3 300 uF/50 V
 C 630 (A,60,99) 3 300 uF/50 V

CCG1186
 CCG1186
 CCH1971(P35)
 CCH1971(P35)

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5	6	7	8
<u>Circuit Symbol and No.</u>	<u>Part No.</u>		
C 631 (A,84,75) 3 300 uF/50 V	CCH1971(P35)		
C 632 (A,60,75) 3 300 uF/50 V	CCH1971(P35)		
C 633 (B,85,94)	CKSRYB104K50		A
C 634 (B,57,94)	CKSRYB104K50		
C 635 (B,85,80)	CKSRYB104K50		
C 636 (B,59,80)	CKSRYB104K50		
C 637 (A,64,156)	CEAT100M50		
C 638 (A,34,156)	CEAT100M50		
C 639 (A,54,156)	CEAT470M25		
C 640 (A,24,156)	CEAT470M25		
C 641 (A,48,156)	CKSRYB103K50		
C 642 (A,18,156)	CKSRYB103K50		
C 643 (A,70,156)	CEAT470M25		
C 644 (A,43,156)	CEAT470M25		B
C 645 (A,75,156)	CKSRYB103K50		
C 646 (A,39,156)	CKSRYB103K50		
C 647 (A,49,128)	CEAT470M25		
C 648 (A,38,128)	CEAT100M2A		
C 649 (A,28,128)	CEAT470M25		
C 650 (A,33,128)	CKSRYB473K50		
C 651 (A,122,99)	CEAT221M16		
C 691 (A,149,82)	CKSRYB103K50		
C 901 (A,142,95)	CEAT100M50		
C 910 (A,167,77)	CEANP221M10		
C 920 (A,143,73)	CEAT101M25		C
C 930 (A,100,79)	CEAT100M50		
C 931 (A,110,76)	CKSRYB102K50		
C 932 (A,115,76)	CKSRYB104K50		