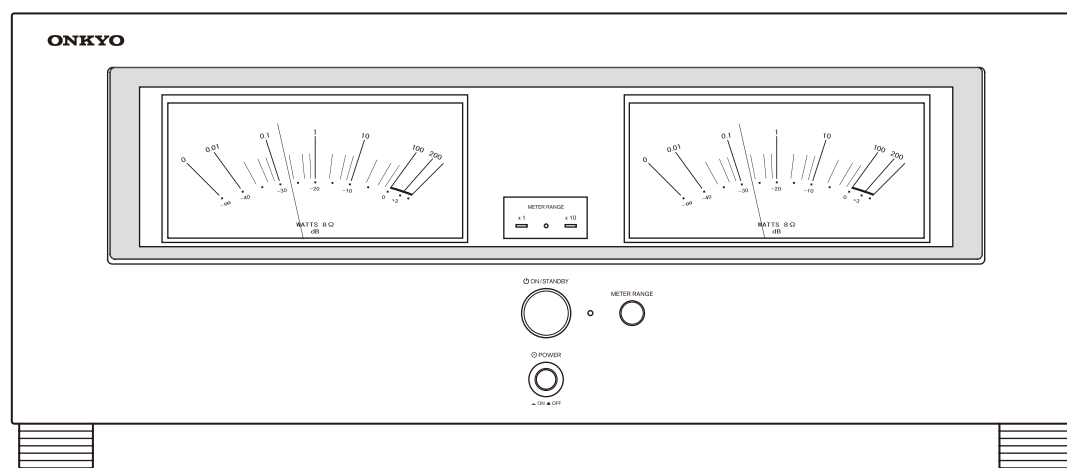


ONKYO SERVICE MANUAL

POWER AMPLIFIER MODEL M-5000R(B/S)



Black and Silver models

BMDC	AC 120 V, 60 Hz
BMPP	AC 230 V, 50 Hz
SMPP	
SMJJ	AC 100 V, 50/60Hz

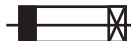
SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  ON THE SCHEMATIC DIAGRAM AND IN THE PARTS LIST ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE THESE COMPONENTS WITH ONKYO PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL.

MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

SERVICE PROCEDURE - 1

1. Replacing the fuses

 This symbol located near the fuse indicates that the fuse used is slow operating type. For continued protection against fire hazard, replace with same type fuse. For fuse rating, refer to the marking adjacent to the symbol.

 Ce symbole indique que le fusible utilise est à lent. Pour une protection permanente, n'utiliser que des fusibles de même type. Ce dernier est indiqué là où le présent symbole est apposé.

REF NO.	PART NAME	DESCRIPTION		PART NO.	REMARKS
F9501	FUSE	1.6A-SE-EAK IECFUSE	1	252073GR	<B MPP / S MPP>
F9501	FUSE	5A-UL/T-233	1	252326GR	<B MDC / S MJJ>
F9502	FUSE	1.6A-SE-EAK IECFUSE	1	252073GR	<B MPP / S MPP>
F9502	FUSE	5A-UL/T-233	1	252326GR	<B MDC / S MJJ>
F9503	FUSE	2.5A-SE-EAK FUSE	1	252075GR	<B MPP / S MPP>
F9503	FUSE	5A-UL/T-233	1	252326GR	<B MDC / S MJJ>
F9504	FUSE	2.5A-SE-EAK FUSE	1	252075GR	<B MPP / S MPP>
F9504	FUSE	5A-UL/T-233	1	252326GR	<B MDC / S MJJ>

<Notes>

<MDC> : 120V, Canadian model

<MMP> : 230V, CE (European) country model

<MJJ> : 120 V, Japanese model

2. Safety check out

(U.S.A. model only)

After correcting the original service problem, perform the following safety check before releasing the unit to the customer.

Leakage current Check

Measure the leakage current to a known earth ground (water pipe or conduct etc.) by connecting a leakage current tester between the earth ground and exposed metal parts of the unit (input/output ground terminals, screw heads or metal overlays etc.).

Plug the power supply cord directly into a 120Vac 60Hz wall socket and turn ON/STANDBY button on.

Any current measured must not exceed 0.5mA.

SERVICE PROCEDURE - 2

3. Adjustment of Meter

Please check the meter in the level state with the location of the look.

If checking the meter in the state which isn't level with the location of the look, it become with wrong judgement of acceptance.

Indicator is out of 0 line in point and shift dimension for 0 line is less than 1mm. >> Part is OK.

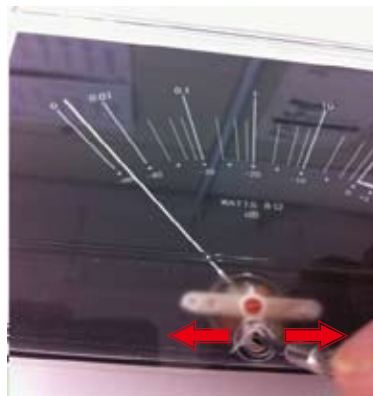


[Adjustment]

1) A minus driver makes a hole in a tape on the adjustment hole.



2) Adjust indicator to 0 line with adjustment part(Move an adjustment part to left and right and adjust).



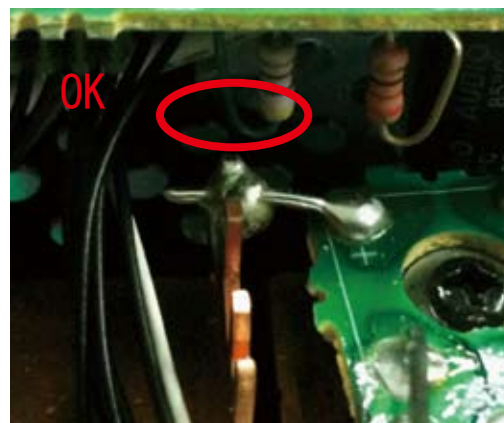
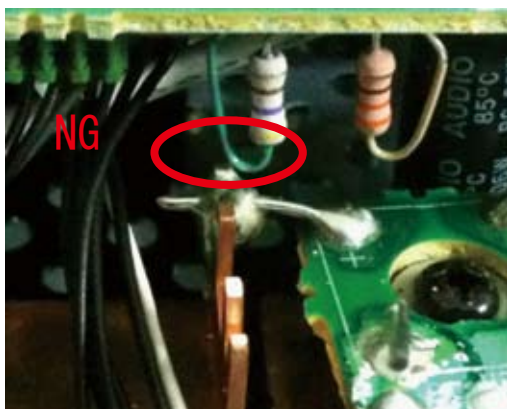
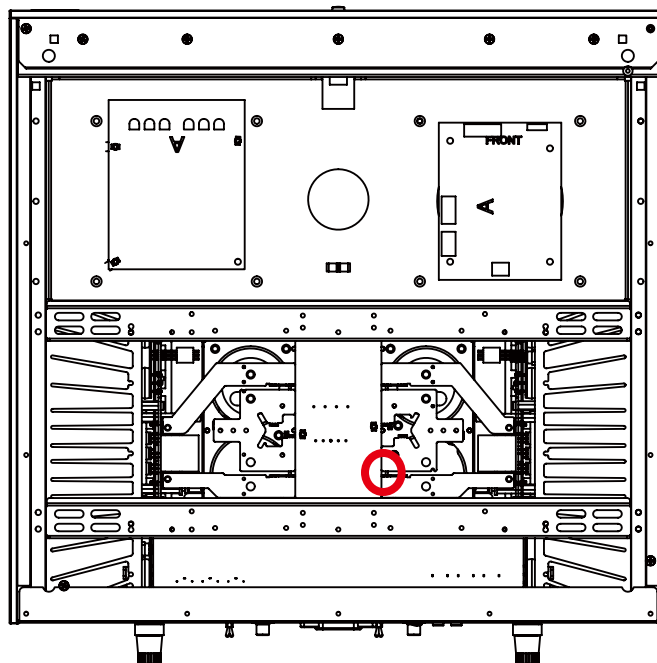
3) Put TAPE on adjustment hole after adjust.



SERVICE PROCEDURE - 3

4. Safety Standard

Please confirm that a 2mm or more crevice is vacant between R9708(443523314T) and a bus bar.



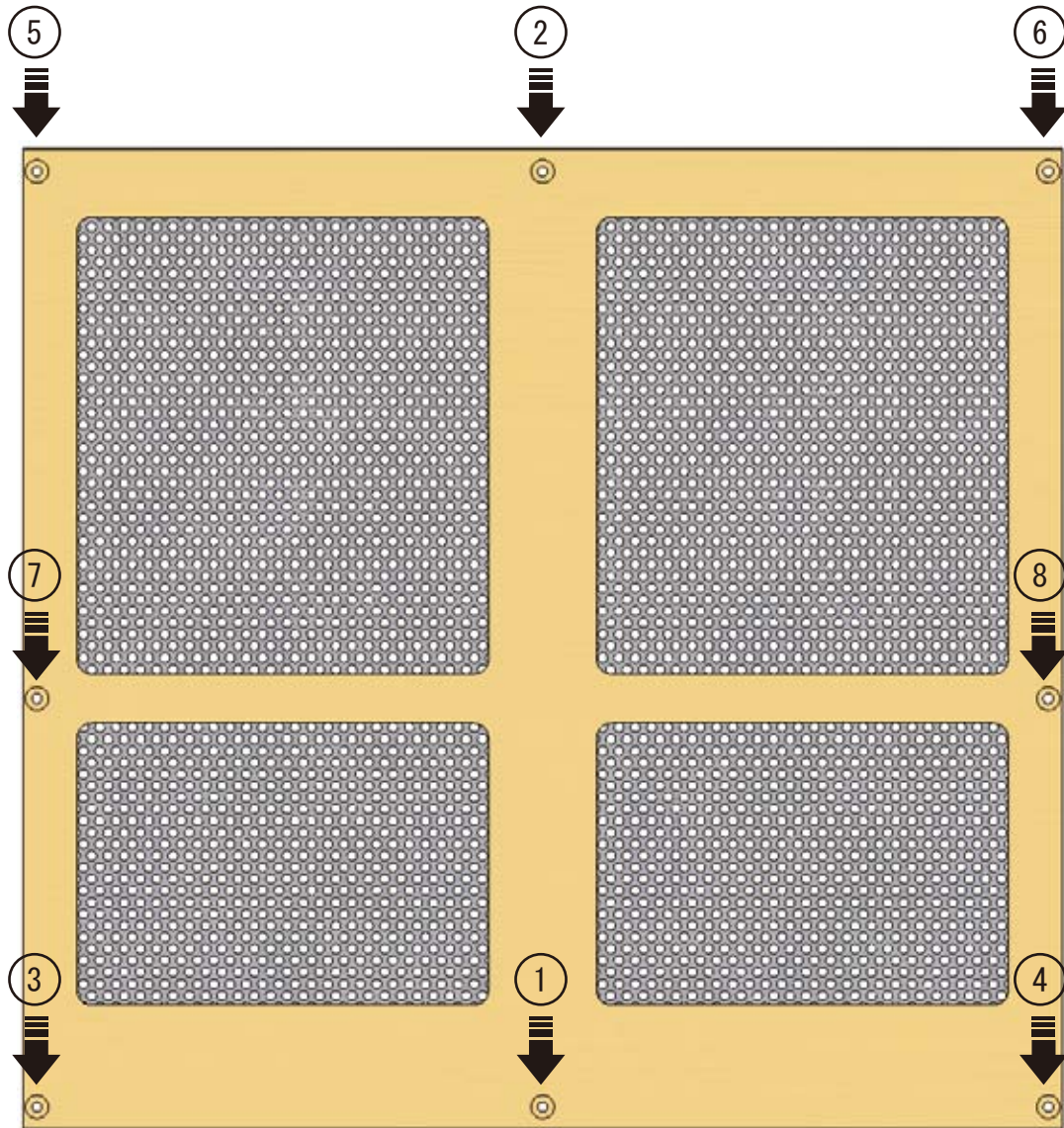
SERVICE PROCEDURE - 4

6. Screw of Cover

Please install the screw in the below-mentioned order.
(In order to hold down the being shaky of the cover)

SCREW
BLACK MODEL:SN801649
SILVER MODEL:SN801645

COVER
BLACK MODEL:SN28210077B
SILVER MODEL:SN28210074B

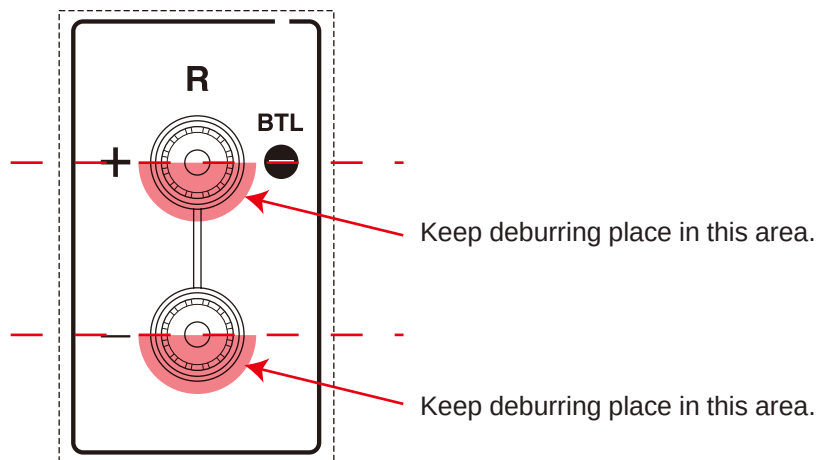


FRONT SIDE

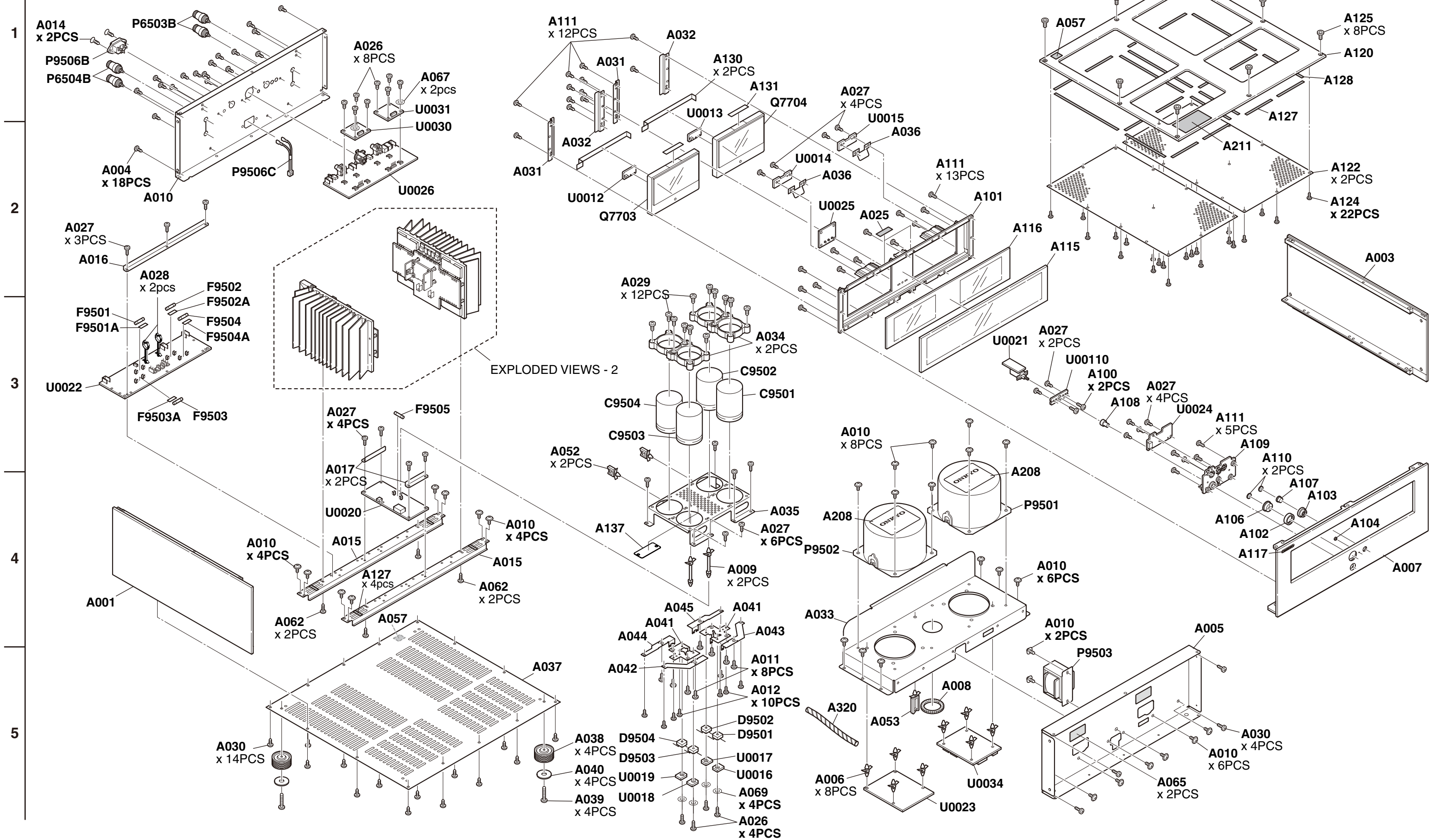
SERVICE PROCEDURE - 5

7. Position of SP Terminals

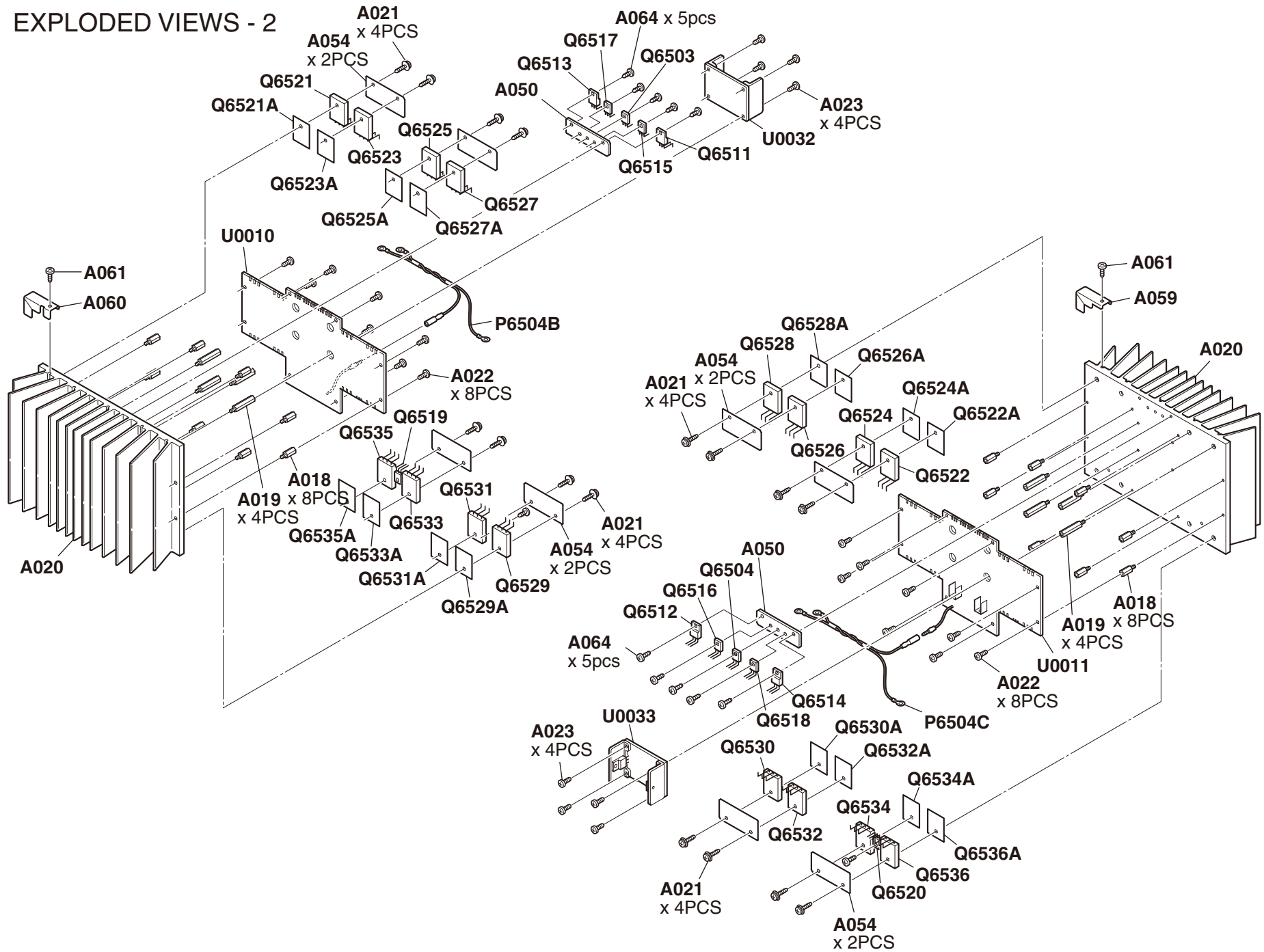
Deburring and remember deburring place.



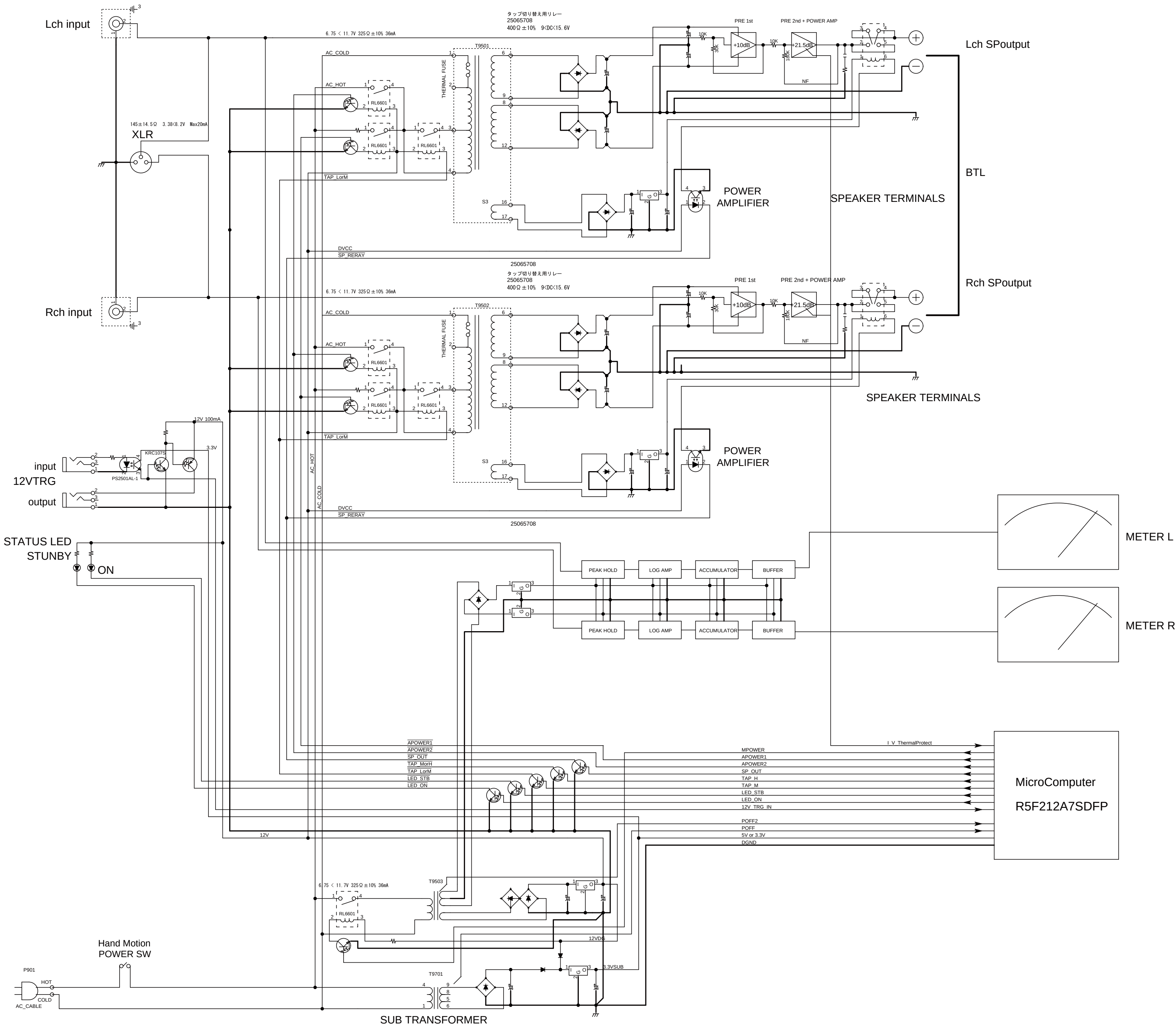
EXPLODED VIEWS - 1



EXPLODED VIEWS - 2



SCHEMATIC DIAGRAMS - 1/6
BLOCK DIAGRAM SECTION



1



5



SCHEMATIC DIAGRAMS - 4/6
METER AMP. SECTION

1

2

3

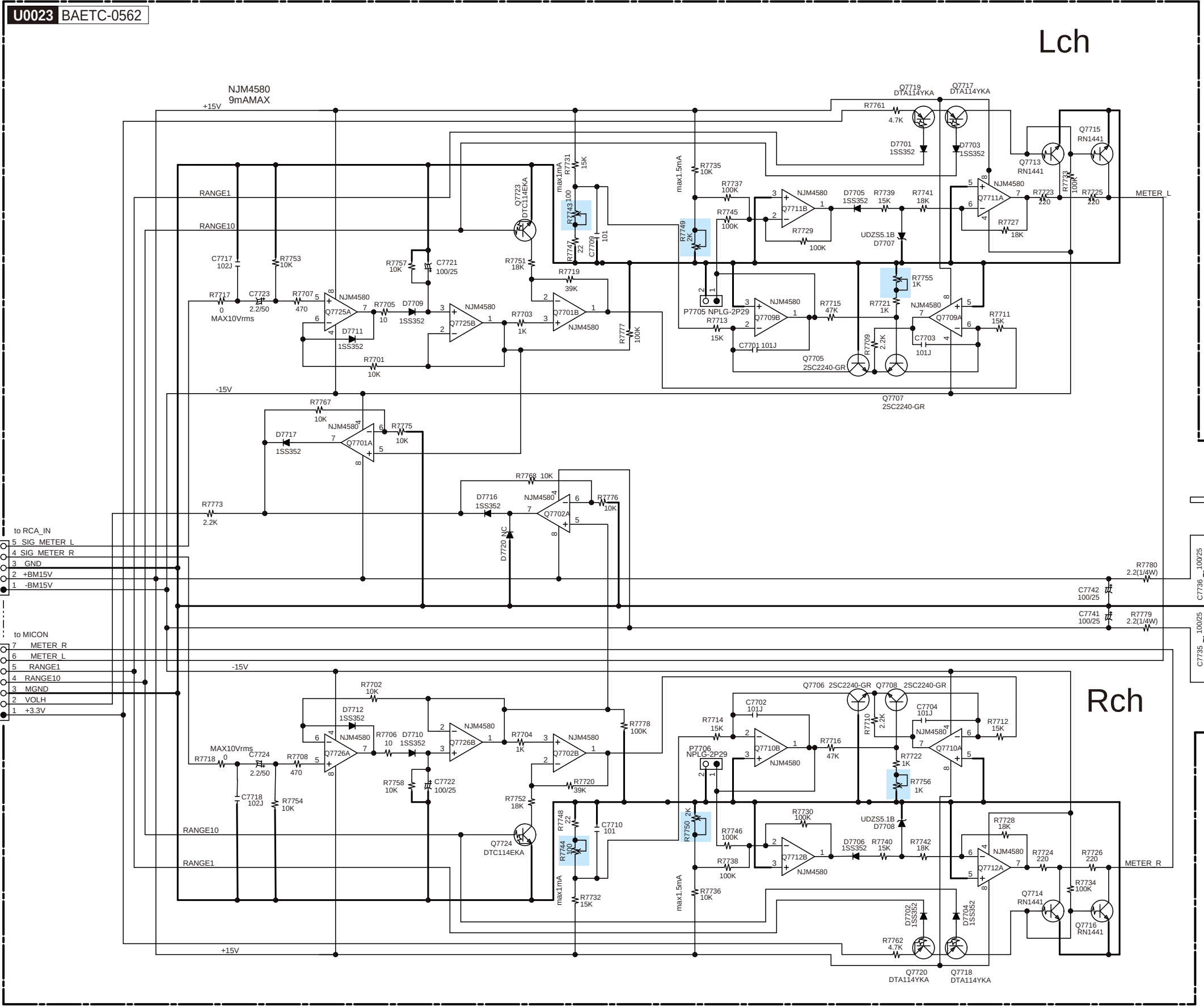
4

5

U0023 BAETC-0562

TO BADG-0566
SD-5 : E5
P701A NSAS-10P1926

TO BADG-0566
SD-5 : E1
P7505A NSAS-14P1919



NOTE

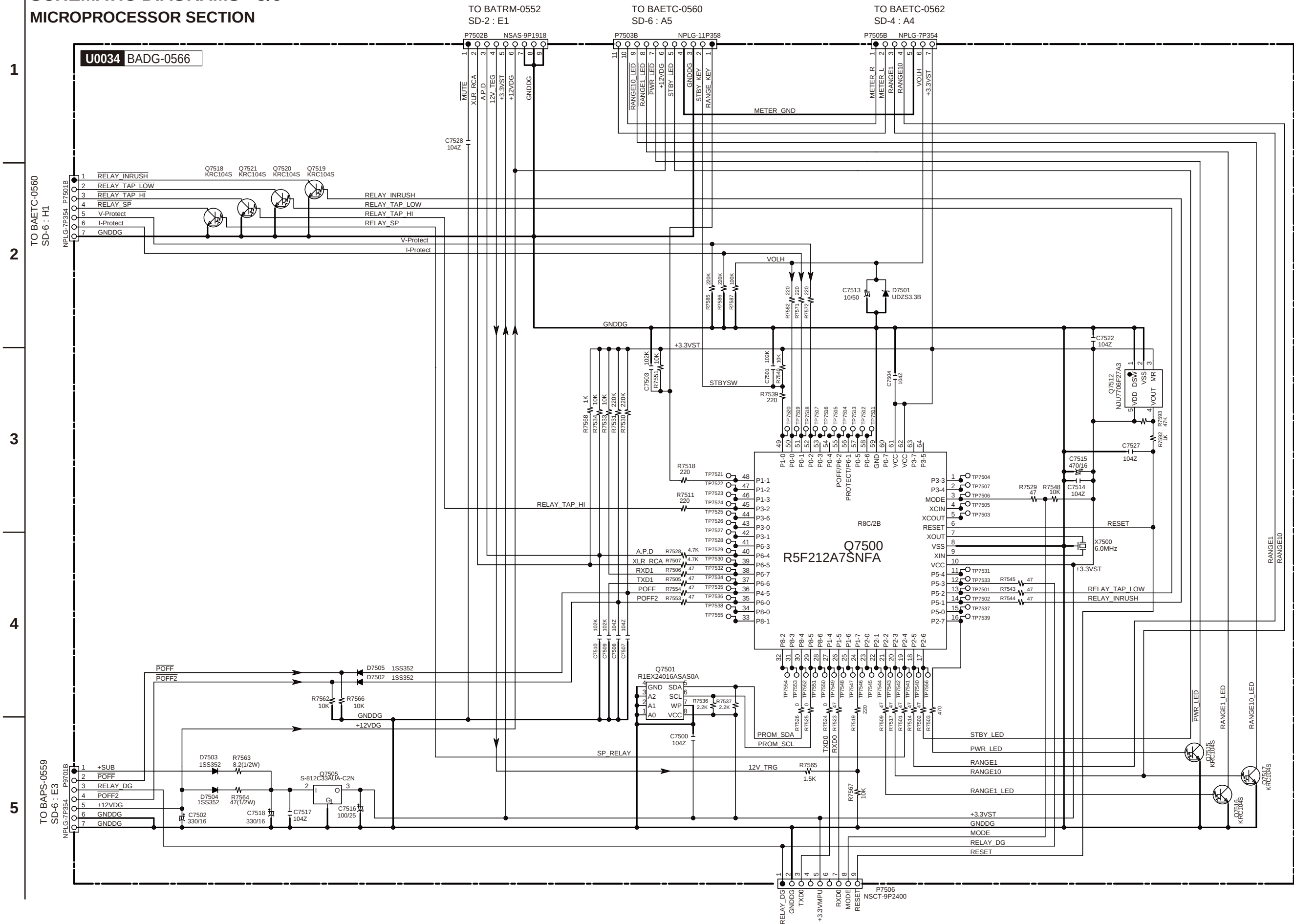
- THE COMPONENTS IDENTIFIED BY MARK  ARE CRITICAL FOR SAFETY. REPLACE ONLY WITH PART NUMBER SPECIFIED.
- VOLTAGE (MEASURED WITH VOLTMETER)  IS DC VOLTAGE. (NO INPUT SIGNAL)
- ALL PNP TRANSISTORS ARE EQUIVALENT TO 2SA1015-GR UNLESS OTHERWISE NOTED.
- ALL NPN TRANSISTORS ARE EQUIVALENT TO 2SC1815-GR UNLESS OTHERWISE NOTED.
- ALL DIODES ARE EQUIVALENT TO 1SS133 UNLESS OTHERWISE NOTED.
- ELECTROLYTIC CAPACITORS () ARE IN μ F/WV.
- ALL CAPACITORS ARE IN pF/50WV UNLESS OTHERWISE NOTED.
EX) 030 $\rightarrow$ 3pF 330 $\rightarrow$ 33pF 331 $\rightarrow$ 330pF 333 $\rightarrow$ 0.033 μ F
- ALL RESISTORS ARE IN OHMS 1/4WATTS UNLESS OTHERWISE NOTED.
- THE THICK LINES ON PC BOARD ARE THE PRINTING SIDE OF THE PARTS.
EX)  PRINTING SIDE
- CIRCUIT IS SUBJECT TO CHANGE FOR IMPROVEMENT.

METER ADJUSTMENT

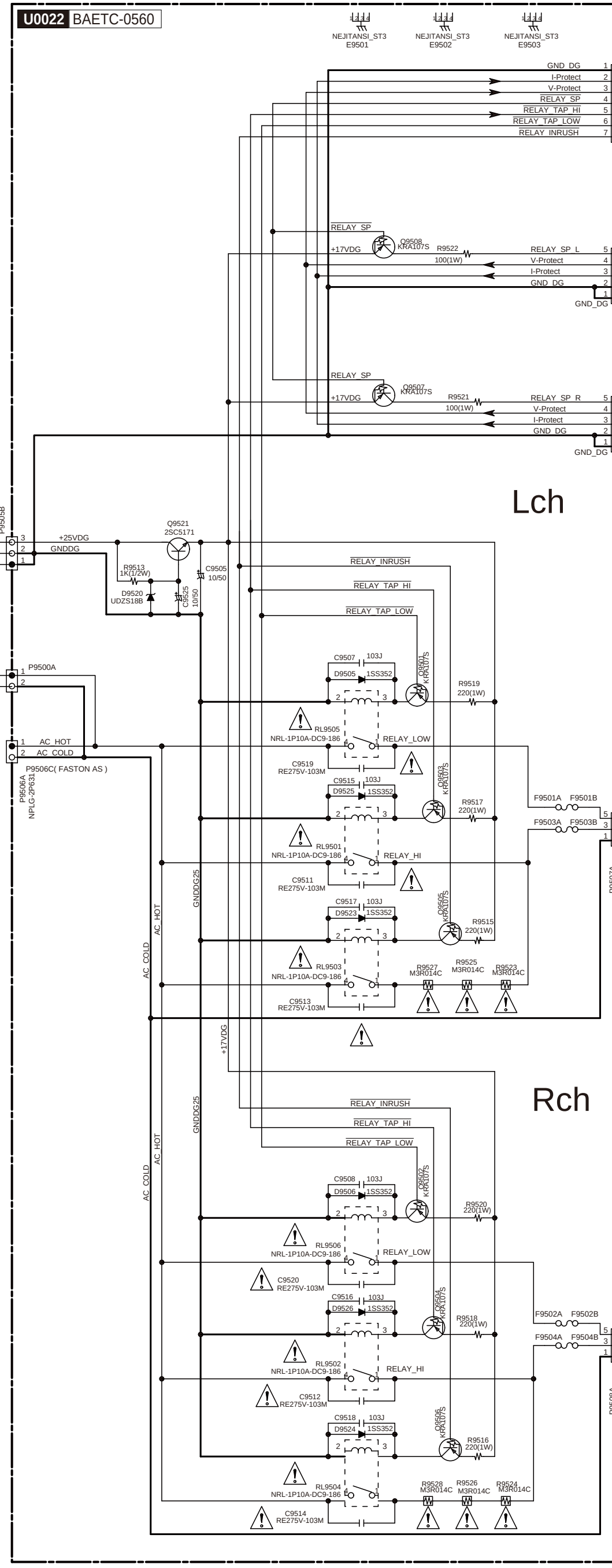
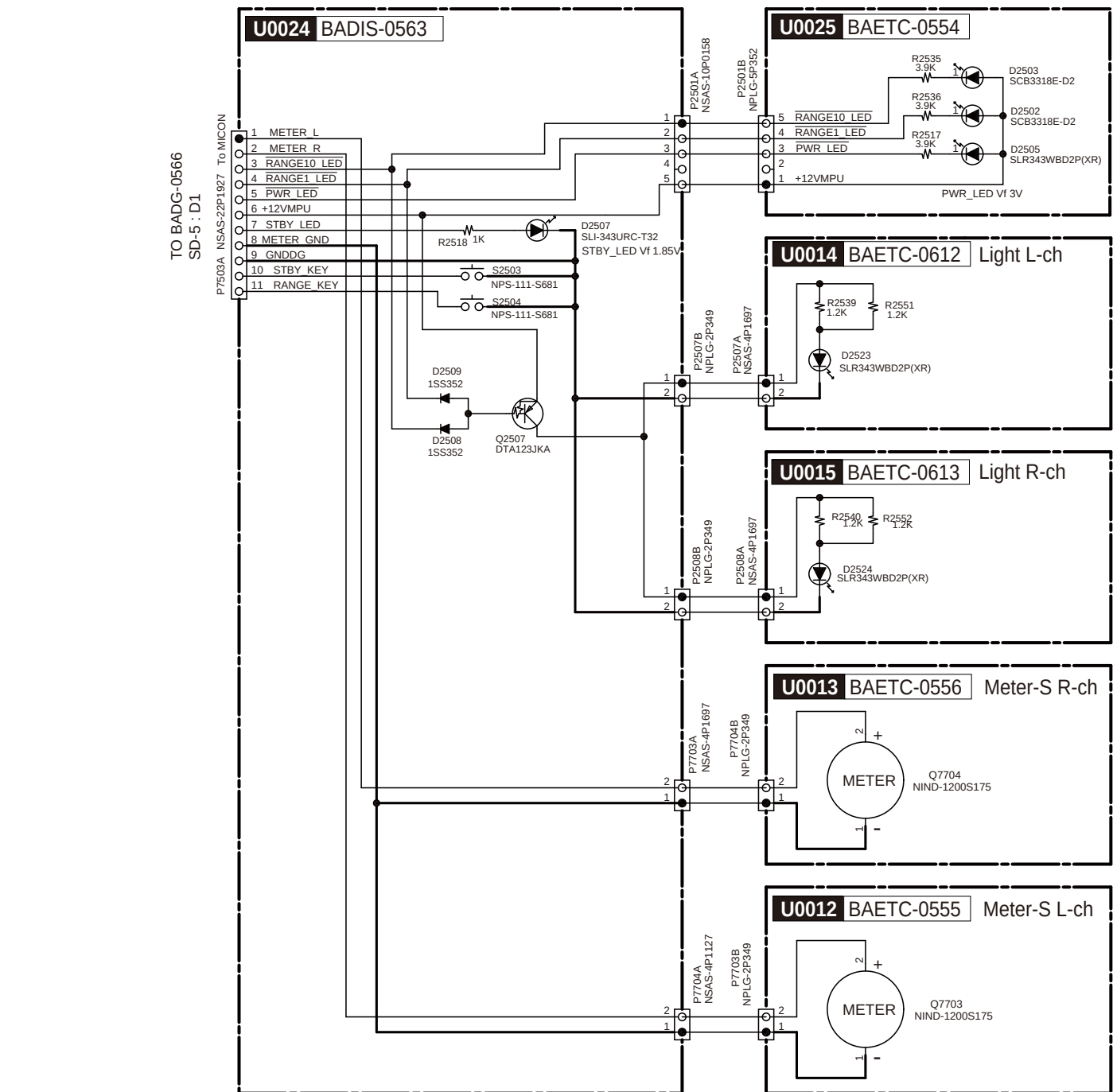
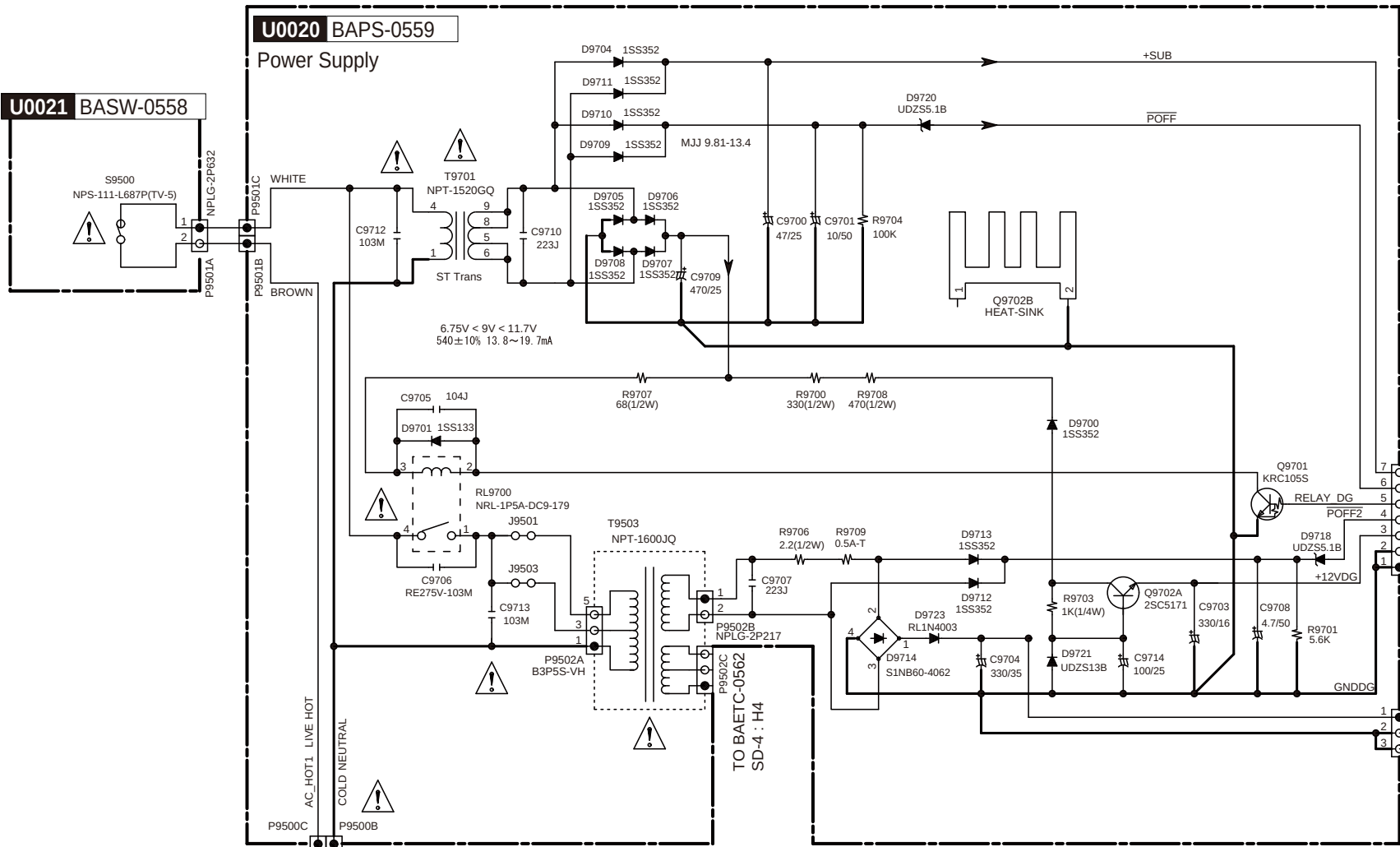
1. 10 minutes heat running.
2. Adjust the trim resistances, R5521,5522,5621 and 5622, center before POWER ON.
3. Make sure that METER RANGE X1 LED is lit.If it is not lit, push the METER RANGE button until it is lit.
4. Connect 8ohms load with L/R speaker out and input the sine wave 1kHz. Furthermore set the voltage of L/R speaker out to 283mV($\pm$ 10mV) by adjusting the input gain.
5. Set the voltage of P7705 to $\pm$ 0.05V by adjusting R7743.
6. Set the voltage of P7706 to $\pm$ 0.05V by adjusting R7744.
7. Set the Lch meter's indicator to 0.01W by adjusting R7749.
8. Set the Rch meter's indicator to 0.01W by adjusting R7750.
9. Connect 8ohms load with L/R speaker out and input the sine wave 1kHz.
10. Furthermore set the voltage of L/R speaker out to 8.94V($\pm$ 0.2V)by adjusting the input gain.
11. Set the Lch meter's indicator to 10W by adjusting R7755.

SCHEMATIC DIAGRAMS - 5/6

MICROPROCESSOR SECTION



SCHEMATIC DIAGRAMS - 6/6
POWER SUPPLY, RELAY, DISPLAY, METER RANGE SECTION



CAUTION
FOR CONTINUED PROTECTION
AGAINST FIRE HAZARD, REPLACE
ONLY WITH FUSE OF SAME TYPE
AND RATING INDICATED.

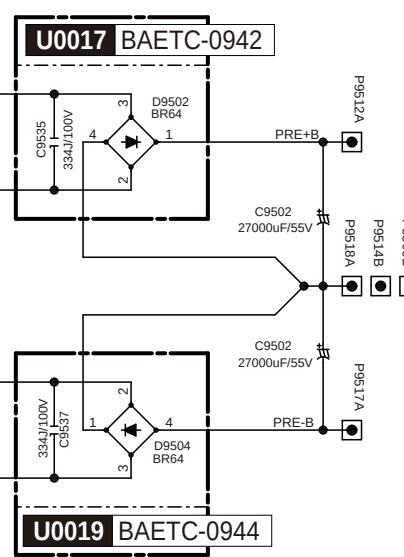
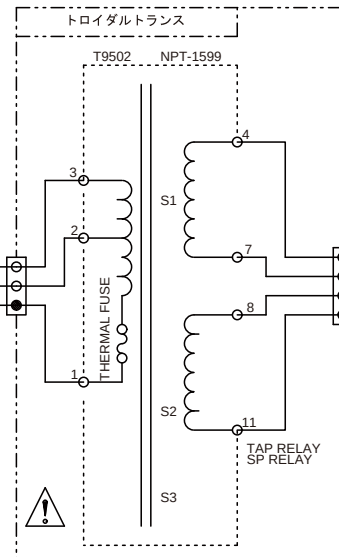
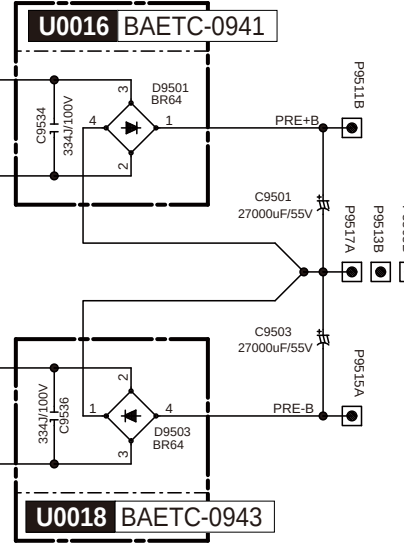
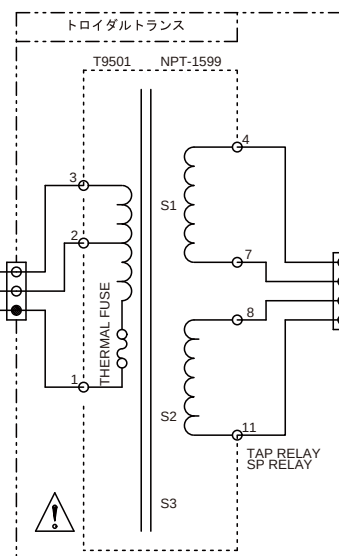
ATTENTION
AFIN D'ASSURER UNE PROTECTION
PERMANENTE CONTRE LES RISQUES
D'INCENDIE, REMPLACER UNIQUEMENT
PAR UN FUSIBLE DE MEME TYPE
ET CALIBRATION COMME INDIQUE.

THIS SYMBOL LOCATED NEAR THE FUSE INDICATES
THAT THE FUSE USED IS SLOW OPERATING TYPE
FOR CONTINUED PROTECTION AGAINST FIRE
HAZARD. REPLACE WITH SAME TYPE FUSE. FOR FUSE
RATING REFER TO THE MARKING ADJACENT TO THE SYMBOL

CE SYMBOLE INDIQUE QUE LE FUSIBLE UTILISE EST
E LENT. POUR UNE PROTECTION PERMANENTE, N'UTILISER
QUE DES FUSIBLES DE MEME TYPE. CE DERNIER EST
INDIQUE LA QU LE PRESENT SYMBOLE EST APPOSE.

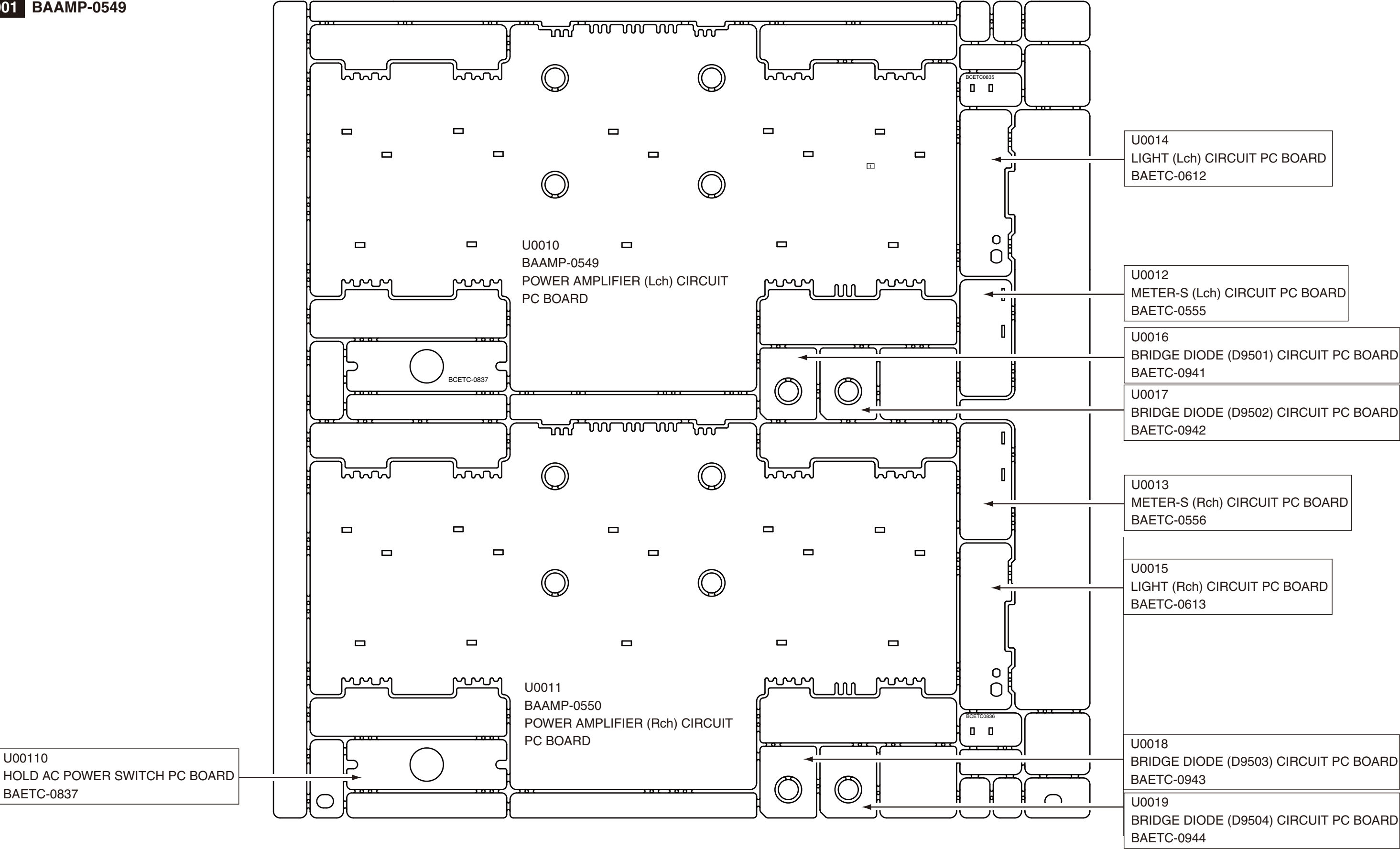
NOTE
THE COMPONENTS IDENTIFIED BY MARK  ARE CRITICAL FOR SAFETY
REPLACE ONLY WITH PART NUMBER SPECIFIED.

	MJJ	MDC	MPP
T9501 T9502	NPT-1599J	NPT-1599D	NPT-1599P
F9501 F9502	T5AL125V	T5AL125V	T1.6AL250V
F9503 F9504	T5AL125V	T5AL125V	T2.5AL250V
D9520	UDZS18B	UDZS22B	UDZS22B



PRINTED CIRCUIT BOARD VIEW-1-1

U001 BAAMP-0549



A

B

C

D

E

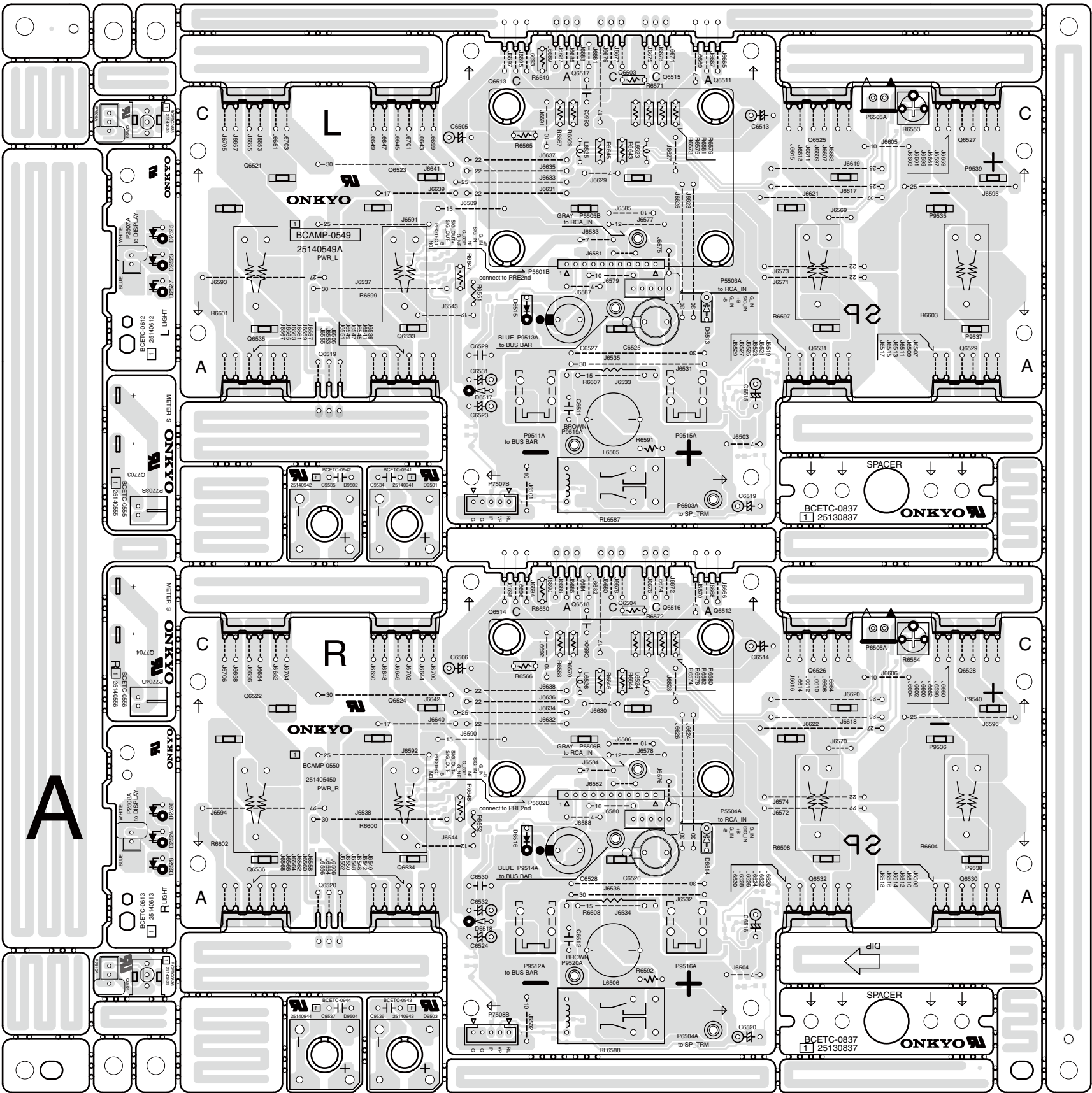
F

G

H

PRINTED CIRCUIT BOARD VIEW-1-2

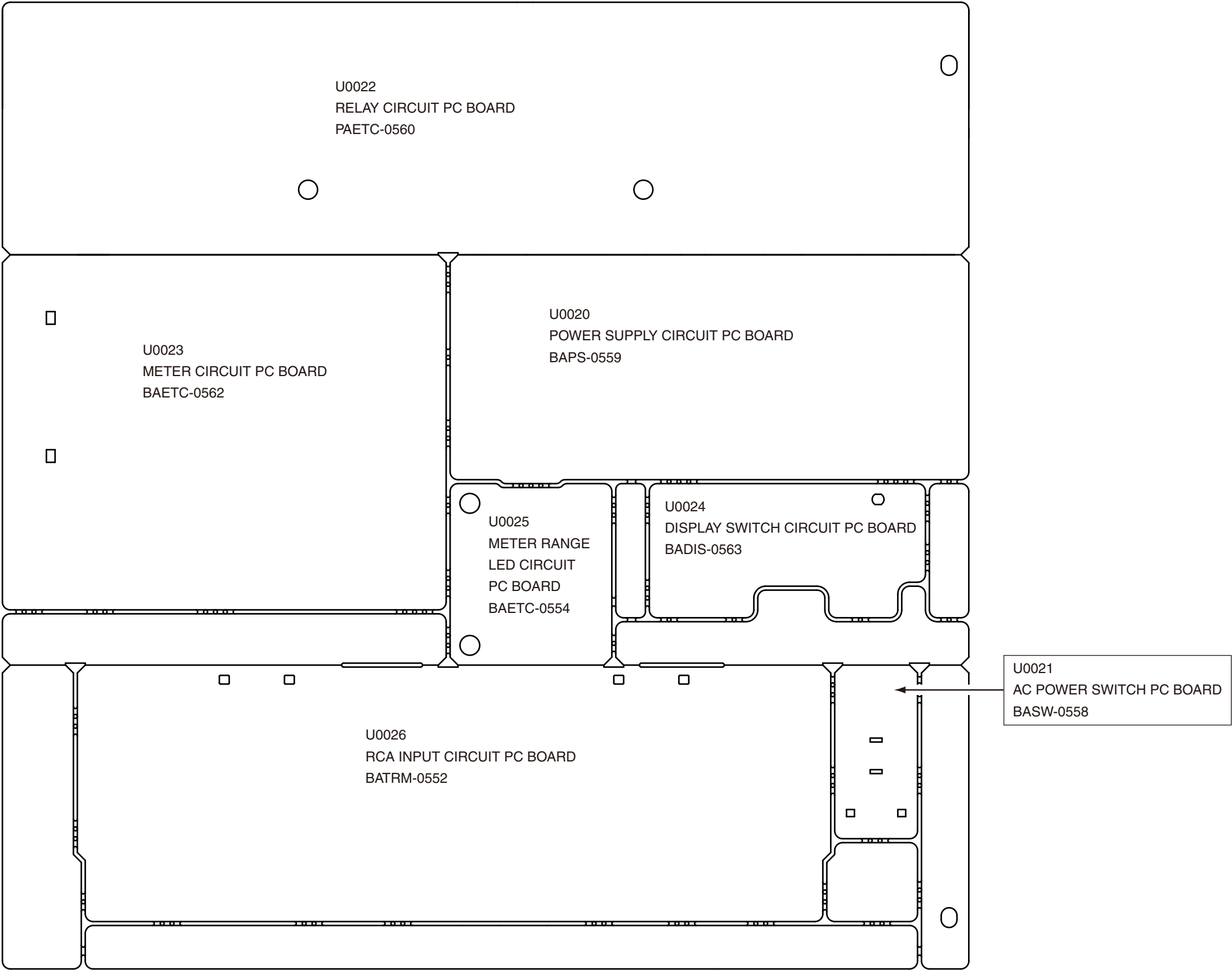
U001 BAAMP-0549



A side view from B side

PRINTED CIRCUIT BOARD VIEW-2-1

U002 BAPS-0559



A

B

C

D

E

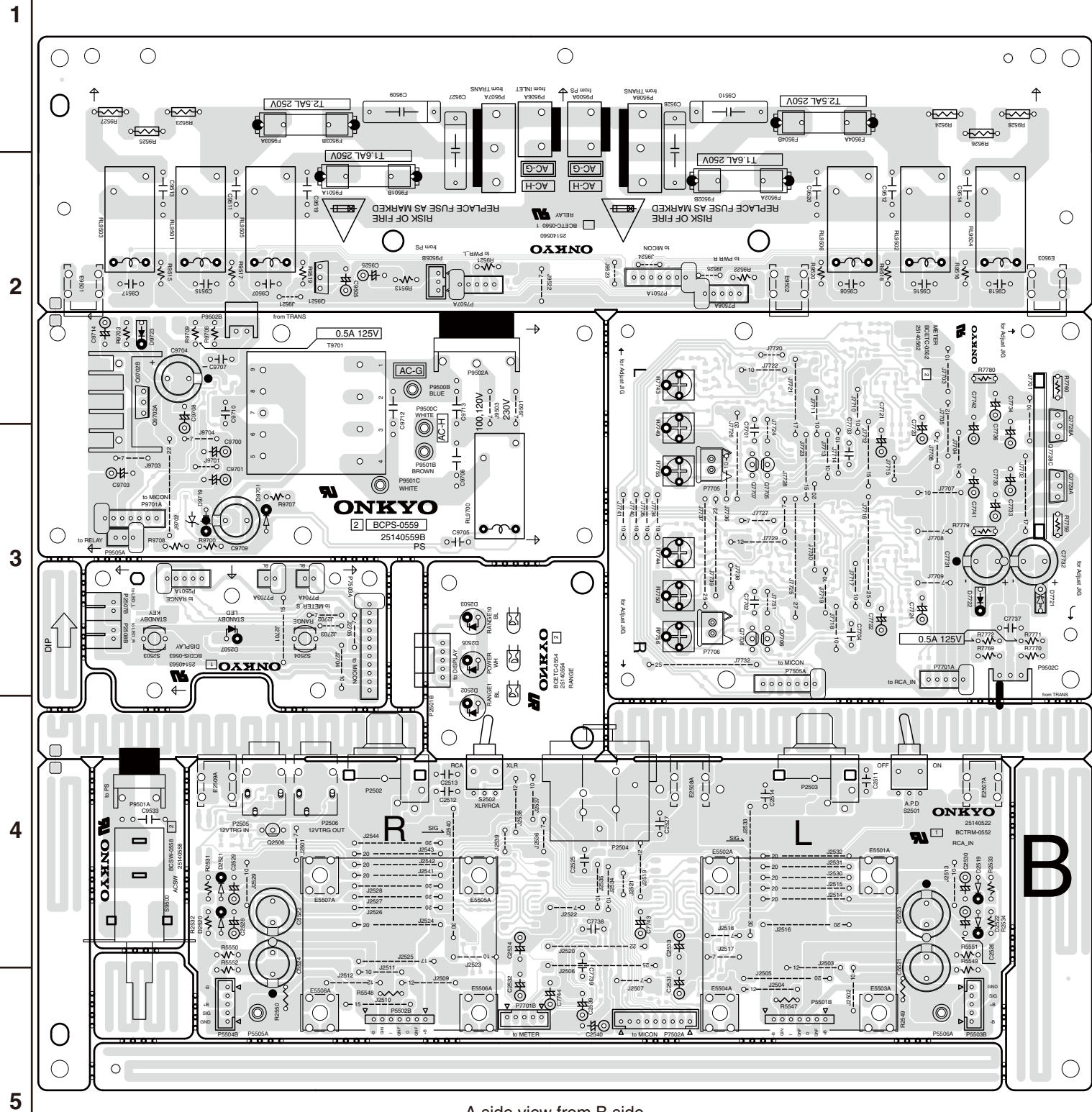
F

G

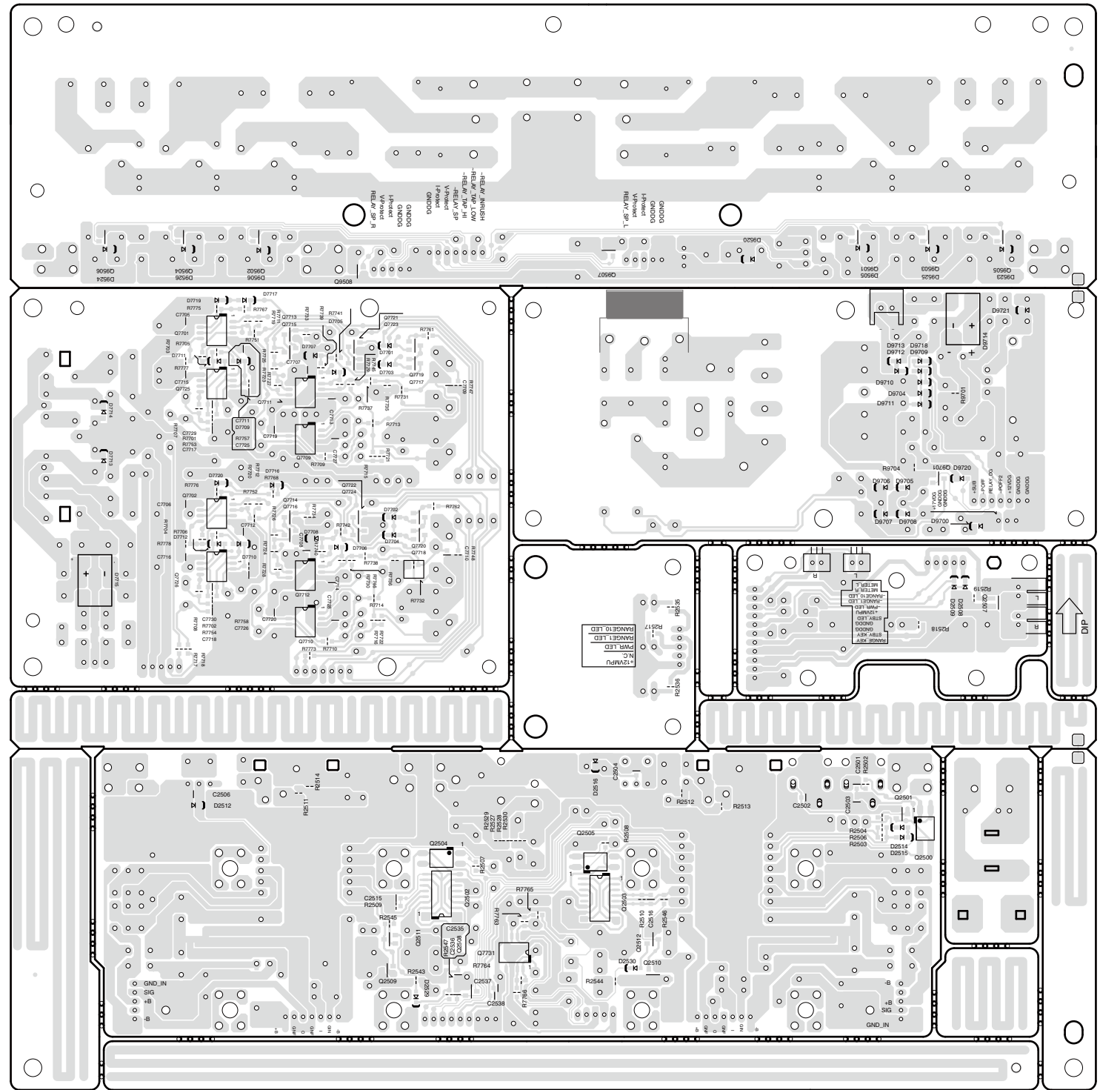
H

PRINTED CIRCUIT BOARD VIEW-2-2

U002 BAPS-0559



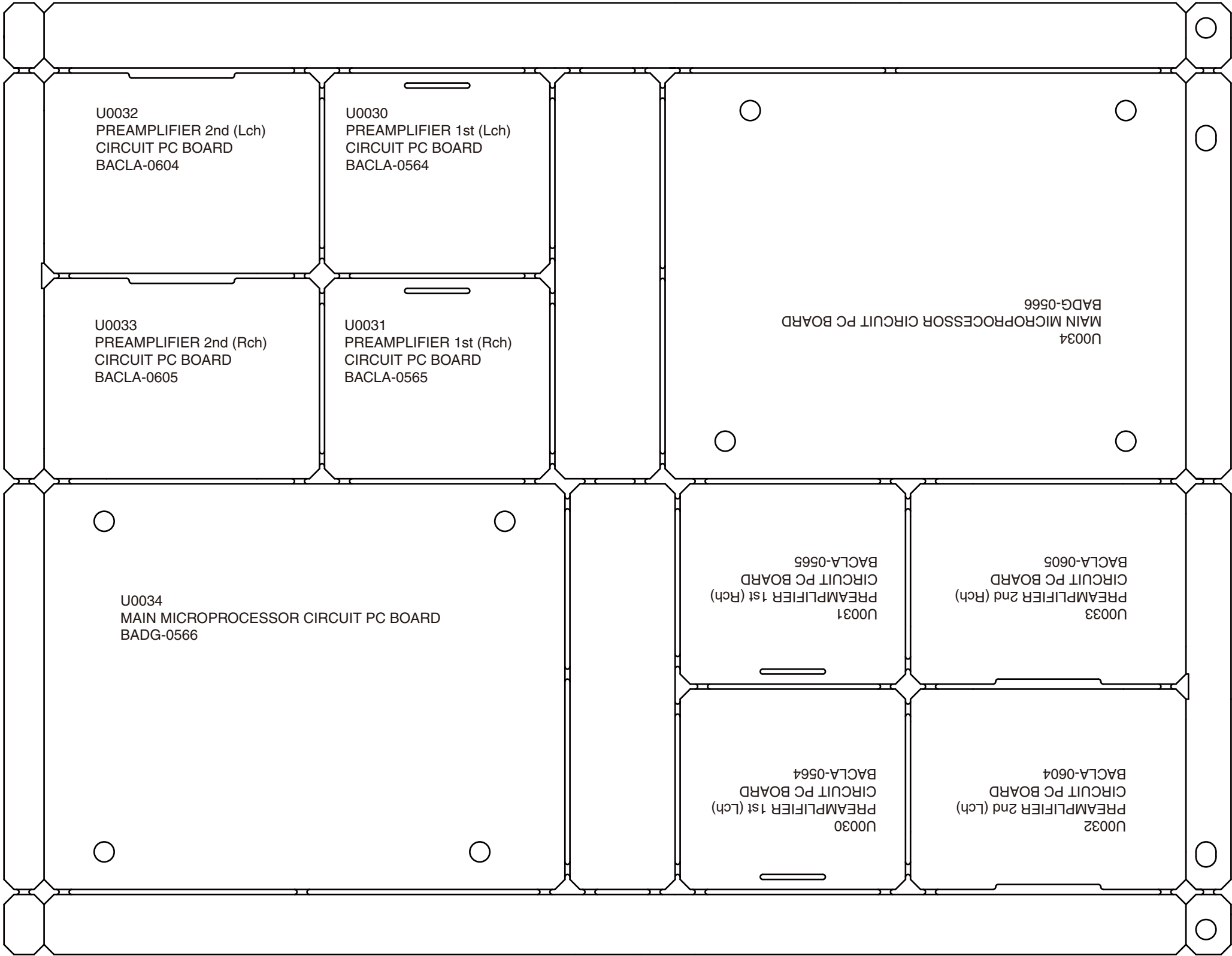
A side view from B side



B side view from A side

PRINTED CIRCUIT BOARD VIEW-3-1

U003 BACLA-0564



A B C D E F G H

PRINTED CIRCUIT BOARD VIEW-3-2

U003 BACLA-0564

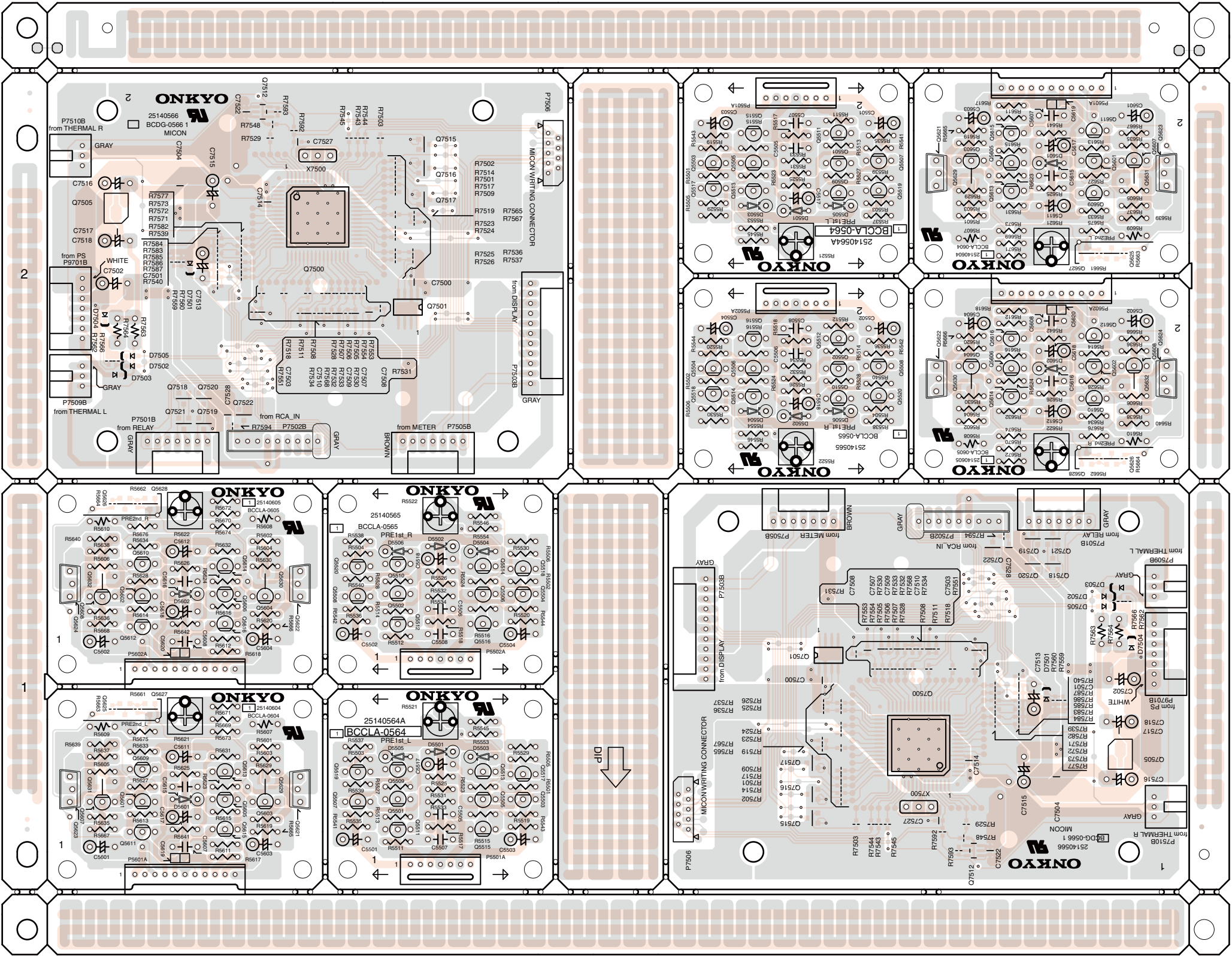
1

2

3

4

5



A side view from B side

■ B side pattern
■ A side pattern

A

B

C

D

E

F

G

H

PRINTED CIRCUIT BOARD VIEW-3-3

U003 BACLA-0564

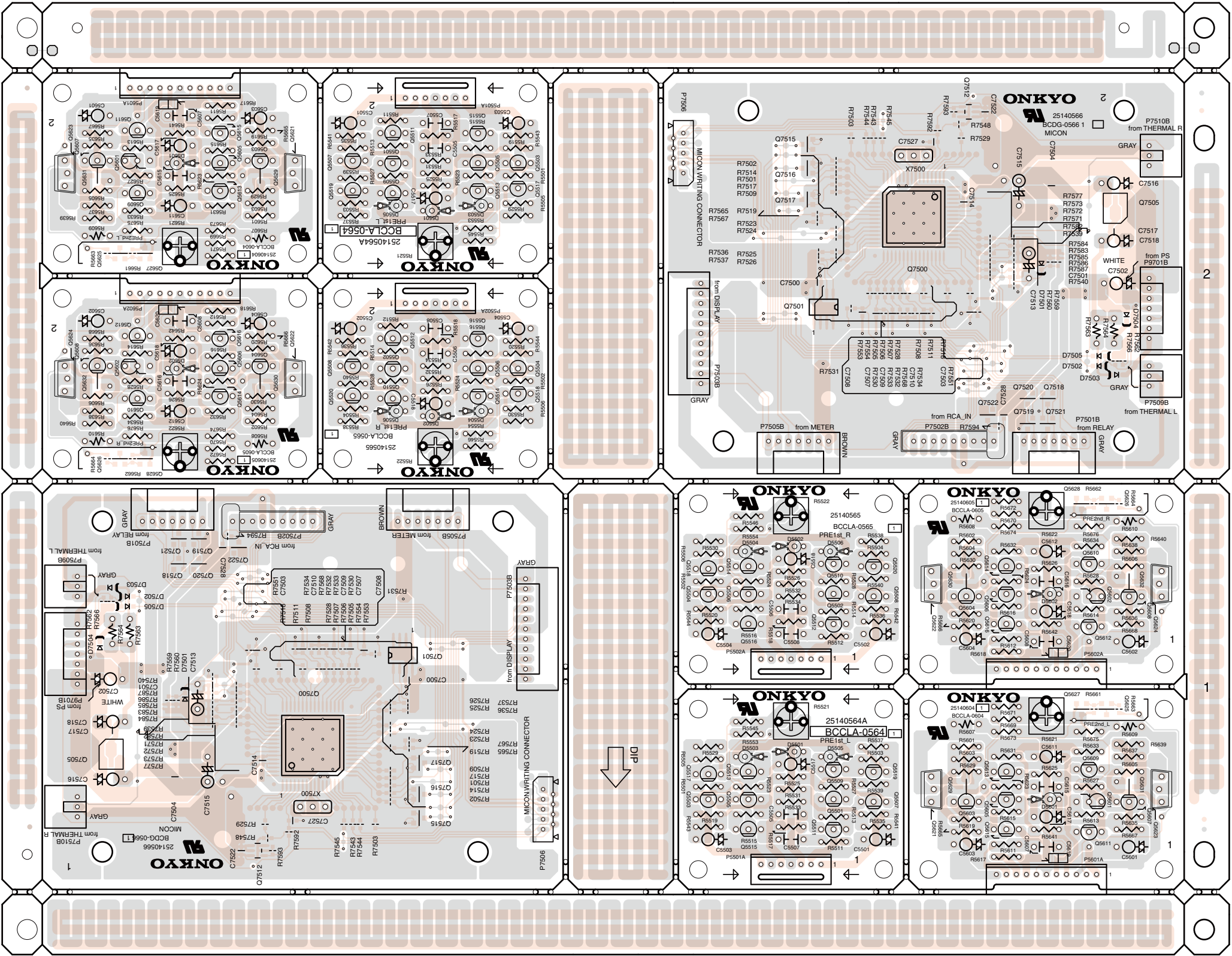
1

2

3

4

5



■ B side pattern
■ A side pattern

A side view from A side

M-5000R**<Note>**

Parts marked by 'NSP' are generally unavailable because they are not in our Master Spare Parts List.

**NOTE : THE COMPONENTS IDENTIFIED BY THE MARK
! ARE CRITICAL FOR RISK OF FIRE AND
ELECTRIC SHOCK. REPLACE ONLY WITH PART
NUMBER SPECIFIED.**

<Notes>

(B) : Black model

(S) : Silver model

<MDC> : 120V,Canadian model

<MPP> : 230V,CE(European) country model

<MJJ> : 100V, Japanese model

M-5000R**EXPLODED VIEW PARTS LIST**

REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[SEMI CONDUCTOR]					
D9501	BRIDGE DIODE	BR64	1	22380369	N
D9502	BRIDGE DIODE	BR64	1	22380369	N
D9503	BRIDGE DIODE	BR64	1	22380369	N
D9504	BRIDGE DIODE	BR64	1	22380369	N
Q6503	TR	2SC3423-Y	1	2202104	
Q6504	TR	2SC3423-Y	1	2202104	
Q6511	TR	2SA1930(ONK_Q)	1	2203000	
Q6512	TR	2SA1930(ONK_Q)	1	2203000	
Q6513	TR	2SC5171(ONK_Q)	1	2203010	
Q6514	TR	2SC5171(ONK_Q)	1	2203010	
Q6515	TR	2SC3423-Y	1	2202104	
Q6516	TR	2SC3423-Y	1	2202104	
Q6517	TR	2SA1360-Y	1	2202094	
Q6518	TR	2SA1360-Y	1	2202094	
Q6519	TR	2SC3423-Y	1	2202104	
Q6520	TR	2SC3423-Y	1	2202104	
Q6521	TR	TTC0002(Q)TO3PL	1	2204150	
Q6521A	ISO SHEET	TO-3PL BFG20	1	223059	N

Q6522	TR	TTC0002(Q)TO3PL	1	2204150	
Q6522A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6523	TR	TTC0002(Q)TO3PL	1	2204150	
Q6523A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6524	TR	TTC0002(Q)TO3PL	1	2204150	
Q6524A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6525	TR	TTC0002(Q)TO3PL	1	2204150	
Q6525A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6526	TR	TTC0002(Q)TO3PL	1	2204150	
Q6526A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6527	TR	TTC0002(Q)TO3PL	1	2204150	
Q6527A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6528	TR	TTC0002(Q)TO3PL	1	2204150	
Q6528A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6529	TR	TTA0002(Q)TO3PL	1	2204140	
Q6529A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6530	TR	TTA0002(Q)TO3PL	1	2204140	
Q6530A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6531	TR	TTA0002(Q)TO3PL	1	2204140	
Q6531A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6532	TR	TTA0002(Q)TO3PL	1	2204140	
Q6532A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6533	TR	TTA0002(Q)TO3PL	1	2204140	
Q6533A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6534	TR	TTA0002(Q)TO3PL	1	2204140	
Q6534A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6535	TR	TTA0002(Q)TO3PL	1	2204140	
Q6535A	ISO SHEET	TO-3PL BFG20	1	223059	N
Q6536	TR	TTA0002(Q)TO3PL	1	2204140	
Q6536A	ISO SHEET	TO-3PL BFG20	1	223059	N
[CHASSIS SCREW]					
A001	SIDE PANEL	(L)(S)	1	28185484C	N <S>
A001	SIDE PANEL	(L)(B)	1	28185490C	N

A003	SIDE PANEL	(R)(S)	1	28185485C	N <S>
A003	SIDE PANEL	(R)(B)	1	28185491C	N
A004	REAR PANEL	MPP	1	27124201D	N <B MPP / S MPP>
A004	REAR PANEL	MJJ	1	27124202D	N <S MJJ>
A004	REAR PANEL	MDC	1	27124217D	N <B MDC>
A005	BRACKET	(F)	1	27131090C	N
A006	HOLDER	KGLS-3S	8	27190897	
A007	F PANEL	(S)	1	27213409D	N <S MJJ, MPP>
A007	F PANEL	(B)	1	27213416D	N <B MDC, MPP>
A008	BUSHING	L125	1	28170004	
A009	HOLDER	HOLDER KGLS-18S	2	27190470	
A015	STAY	(BASE)	2	28183006	
A016	STAY	(U1)	1	28183007	
A017	STAY	(U2)	2	28183014	
A018	SPACER	(PC)	16	27270531	
A019	SPACER	(PC)	8	27270534	
A020	HEAT SINK	(M)	2	27160652A	N
A028	CLAMP	HL-28-0	2	27301396	
A031	RETAINER	(METER-L)	2	27142244	N
A032	RETAINER	(METER-R)	2	27142245	N
A033	BRACKET	(PT)	1	27131094A	N
A034	HOLDER	(CH)	2	27191349	
A035	BRACKET	(CH)	1	27131104A	N
A036	PLATE	(LED)	2	27262858	
A037	BOTTOM BRD	---	1	27170337A	N
A038	LEG	---	4	27175465	N
A040	CUSHION	T0.8*Φ29*10	4	28141853A	
A041	RETAINER	(BUS-C)	2	27142204A	N
A042	RETAINER	(BUS-CFL)	1	27142209A	N
A043	RETAINER	(BUS-CFR)	1	27142210A	N
A044	RETAINER	(BUS-CBL)	1	27142211A	N
A045	RETAINER	(BUS-CBR)	1	27142212A	N
A050	HEAT SINK	(5).	2	27160659A	N

A052	HOLDER	(CLAMP) WS-1NS	2	27190541	
A053	HOLDER	WS-4NS	1	27191207	
A054	PLATE	(TR)	8	27262865	N
A057	LABEL	(FLASH)(B)	2	29391423	<B MDC>
A059	RETAINER	(HL)	1	27142228	N
A060	RETAINER	(HR)	1	27142229	N
A067	SPACER	t0.5xø8xø3.2 Teflon-lined.	2	27270438	
A137	ISO PLATE	(ST)	1	28175344	N
A320	TUBE	(SPIRAL)	1	262093	
A012	SCREW	3B+6BN.	14	82563006	
A026	SCREW	3P+10FN(3BC)	12	82143010GR	
A022	SCREW	3P+6FN(3BC)	16	82143006GR	
A023	SCREW	3P+6FN(3BC)	8	82143006GR	
A064	SCREW	3SMS8W.SW+14B(3BC)	10	801433GR	
A021	SCREW	3SMS8W.SW+14B(CU)	16	801634	
A062	SCREW	3TTB+10B(3BC)	4	838430108GR	
A004	SCREW	3TTB+8B(3BC)	18	838430088GR	
A027	SCREW	3TTB+8B(3BC)	11	838430088GR	
A030	SCREW	3TTB+8B(3BC)	18	838430088GR	
A061	SCREW	3TTB+8B(3BC)	2	838430088GR	
A014	SCREW	3TTF+10B(3BC)	2	835430108GR	
A011	SCREW	4B+6BN.	8	82564006	
A039	SCREW	4TTB+20C(3BC)	4	838404209	
A029	SCREW	4TTB+8C(3BC)	12	838440089GR	
A010	SCREW	4TTC+8C(3BC)	30	830440089GR	
[CABINET]					
A065	CUSHION	T10*90*55HBK	2	28141862	N
A069	WASHER	W3*8F(3CM)	4	87613008GR	
A101	HOLDER	(METER)	1	27191350A	N
A102	GUIDE	(STANDBY)	1	27268263A	
A103	GUIDE	(A)	1	27268264A	
A104	FACET	(STBY)	1	28200052	
A106	KNOB	(STBY)S	1	28326863A	<S>

A106	KNOB	(STBY)B	1	28326864A	
A107	KNOB	(A)S	1	28326865A	<S>
A107	KNOB	(A)B	1	28326866A	
A108	KNOB	(POW)AS(S)	1	28326899B	<S>
A108	KNOB	(POW)AS(B)	1	28326900B	
A109	KNOB	(STANDBY-POW)	1	28326862B	N
A110	CUSHION	---	2	28141854	
A115	CLEAR PLT	---	1	28192323B	
A116	CLEAR PLT	(B)	1	28192327B	
A117	BADGE	(NI)	1	28135318	<S>
A118	BADGE	(NI)	1	28135318	
A120	COVER	(S)	1	28210074B	N <S>
A121	COVER	(B)	1	28210077B	N
A122	COVER	(PM)(S)	2	28210078A	N <S>
A123	COVER	(PM)(B)	2	28210079A	N
A127	CUSHION	T0.7*60*4	24	28141860	N
A128	CUSHION	T0.7*110*4	4	28141861	N
A130	TAPE	(CU)10*220	2	29110212	N
A131	FILM	10*30	1	28199230	N A116
A132	FILM	12*27	2	28199231	N A036
A133	FILM	12*50	2	28199232	N
A135	SPACER	φ6*φ3.9*t0.5	1	27270541	N
A100	SCREW	3P+10FN(3BC)	2	82143010GR	
A111	SCREW	3P+6FN(3BC)	18	82143006GR	
A124	SCREW	2.6P+3F(BC)	22	82142603	
A125	SCREW	(COVER)	8	801645	<S>
A125	SCREW	(COVER)	8	801657	
A208	LABEL	(PT)	2	29391612	N
A211	LABEL	(CAUTION)	1	29363797	<S>
A211	LABEL	(COVER)	1	29364123	
[TRANS COIL]					
T9501	P TRANS	NPT-1599J	1	2302002	N, ! <S MJJ>
T9501	P TRANS	NPT-1599D	1	2302003	! <B MDC>

T9501	P TRANS	NPT-1599P	1	2302004	! <B MPP / S MPP>
T9502	P TRANS	NPT-1599J	1	2302002	N, ! <S MJJ>
T9502	P TRANS	NPT-1599D	1	2302003	! <B MDC>
T9502	P TRANS	NPT-1599P	1	2302004	! <B MPP / S MPP>
T9503	P TRANS	NPT-1600JQ	1	2302005	!
[CAPACITOR]					
C9501	ELECT C	CE62W56V-27000M	1	3504475	
C9502	ELECT C	CE62W56V-27000M	1	3504475	
C9503	ELECT C	CE62W56V-27000M	1	3504475	
C9504	ELECT C	CE62W56V-27000M	1	3504475	
[SW TRM]					
F9501	FUSE	1.6A-SE-EAK IECFUSE	1	252073GR	! <B MPP / S MPP>
F9501	FUSE	5A-UL/T-233	1	252326GR	! <B MDC / S MJJ>
F9501A	FUSE LABEL	T5AL125V	1	29391563	N, ! <B MDC / S MJJ>
F9502	FUSE	1.6A-SE-EAK IECFUSE	1	252073GR	! <B MPP / S MPP>
F9502	FUSE	5A-UL/T-233	1	252326GR	! <B MDC / S MJJ>
F9502A	FUSE LABEL	T5AL125V	1	29391563	N, ! <B MDC / S MJJ>
F9503	FUSE	2.5A-SE-EAK FUSE	1	252075GR	! <B MPP / S MPP>
F9503	FUSE	5A-UL/T-233	1	252326GR	! <B MDC / S MJJ>
F9503A	FUSE LABEL	T5AL125V	1	29391563	N, ! <B MDC / S MJJ>
F9504	FUSE	2.5A-SE-EAK FUSE	1	252075GR	! <B MPP / S MPP>
F9504	FUSE	5A-UL/T-233	1	252326GR	! <B MDC / S MJJ>
F9504A	FUSE LABEL	T5AL125V	1	29391563	N, ! <B MDC / S MJJ>
P6503B	TRM	NTM-2PMCRW431T01-430-01	1	25060505	N
P6503C	CRIMP AS	SP WIRING	1	20799185UL	
P6504B	TRM	NTM-2PMCRW431T01-430-01	1	25060505	N
P6504C	CRIMP AS	SP WIRING	1	20799185UL	
P9801	P RIVET	SP RIVET	4	880055	<B MPP / S MPP>
P9506B	AC INLET	R301X2PSn	1	25053358	! <B MDC, MPP / S MPP>
P9506B	AC INLET	R301X3PSn	1	25053359	! <S MJJ>
P9506C	FASTON AS	FASTON SOCKET	1	1F999027	
P9537	RETAINER	(BUS-AMP2)	1	27142214	
P9538	RETAINER	(BUS-AMP2)	1	27142214	

Q7703	METER	NIND-1200S175	1	243175A	N
Q7704	METER	NIND-1200S175	1	243175A	N
R7771A	FUSE LABEL	0.5A/125V	1	29391617	
R7772A	FUSE LABEL	0.5A/125V	1	29391617	NO NEED BAPS-0559 VER.B.
R9709A	FUSE LABEL	0.5A/125V	1	29391617	NO NEED BAPS-0559 VER.B.
[TUNER UNIT]					
U001	U0010 ~ U00110	BAAMP-0549-1A *	1	1B255549-1A	
U0010	Power Amplifier (Lch) Circuit pc board a's	BAAMP-0549-1A	1	1B2555549-1A	
U0011	Power Amplifier (Rch) Circuit pc board a's	BAAMP-0550-1A	1	1B2555550-1A	N
U0012	Meter-S (Lch) Circuit pc board a'ssy	BAETC-0555-1A	1	1B2555555-1A	N
U0013	Meter-S (Rch) Circuit pc board a'ssy	BAETC-0556-1A	1	1B2555556-1A	N
U0014	Light (Lch) Circuit pc board a'ssy	BAETC-0612-1A	1	1B2555612-1A	N
U0015	Light (Rch) Circuit pc board a'ssy	BAETC-0613-1A	1	1B2555613-1A	N
U0016	Bridge Diode (D9501) Circuit pc board a's	BAETC-0941-1A	1	1B2555941-1A	N
U0017	Bridge Diode (D9502) Circuit pc board a's	BAETC-0942-1A	1	1B2555942-1A	N
U0018	Bridge Diode (D9503) Circuit pc board a's	BAETC-0943-1A	1	1B2555943-1A	N
U0019	Bridge Diode (D9504) Circuit pc board a's	BAETC-0944-1A	1	1B2555944-1A	N
U00110	Hold AC Power Switch pc board a'ssy	BAETC-0837-1A	1	1B2555837-1A	N
U002	U0020 ~ U0026	BAPS-0559-1A *	1	1B255559-1A	N <S MJJ>
U0020	Power Supply Circuit pc board a'ssy	BAPS-0559-1A	1	1B2555559-1A	N <S MJJ>
U0021	AC Power Switch Circuit pc board a'ssy	BASW-0558-1A	1	1B2555558-1A	N <S MJJ>
U0022	Relay Circuit pc board a'ssy	BAETC-0560-1A	1	1B2555560-1A	N <S MJJ>
U0023	Meter Circuit pc board a'ssy	BAETC-0562-1A	1	1B2555562-1A	N <S MJJ>
U0024	Display Switch Circuit pc board a'ssy	BADIS-0563-1A	1	1B2555563-1A	N <S MJJ>
U0025	Meter Range LED Circuit pc board a'ssy	BAETC-0554-1A	1	1B2555554-1A	N <S MJJ>
U0026	RCA Input Circuit pc board a'ssy	BATRM-0552-1A	1	1B2555552-1A	N <S MJJ>
U002	U0020 ~ U0026	BAPS-0559-1B *	1	1B255559-1B	<B MPP / S MPP>
U0020	Power Supply Circuit pc board a'ssy	BAPS-0559-1B	1	1B2555559-1B	<B MPP / S MPP>
U0021	AC Power Switch Circuit pc board a'ssy	BASW-0558-1B	1	1B2555558-1B	N <B MPP / S MPP>
U0022	Relay Circuit pc board a'ssy	BAETC-0560-1B	1	1B2555560-1B	N <B MPP / S MPP>
U0023	Meter Circuit pc board a'ssy	BAETC-0562-1B	1	1B2555562-1B	N <B MPP / S MPP>
U0024	Display Switch Circuit pc board a'ssy	BADIS-0563-1B	1	1B2555563-1B	N <B MPP / S MPP>
U0025	Meter Range LED Circuit pc board a'ssy	BAETC-0554-1B	1	1B2555554-1B	N <B MPP / S MPP>

U0026	RCA Input Circuit pc board a'ssy	BATRM-0552-1B	1	1B2555552-1B	N <B MPP / S MPP>
U002	U0020 ~ U0026	BAPS-0559-1C *	1	1B255559-1C	<B MDC>
U0020	Power Supply Circuit pc board a'ssy	BAPS-0559-1C	1	1B2555559-1C	<B MDC>
U0021	AC Power Switch Circuit pc board a'ssy	BASW-0558-1C	1	1B2555558-1C	N <B MDC>
U0022	Relay Circuit pc board a'ssy	BAETC-0560-1C	1	1B2555560-1C	N <B MDC>
U0023	Meter Circuit pc board a'ssy	BAETC-0562-1C	1	1B2555562-1C	N <B MDC>
U0024	Display Switch Circuit pc board a'ssy	BADIS-0563-1C	1	1B2555563-1C	N <B MDC>
U0025	Meter Range LED Circuit pc board a'ssy	BAETC-0554-1C	1	1B2555554-1C	N <B MDC>
U0026	RCA Input Circuit pc board a'ssy	BATRM-0552-1C	1	1B2555552-1C	N <B MDC>
U003	U0030 ~ U0034	BACLA-0564-1A *	1	1B255564-1A	
U0030	Preamplifier 1st (Lch) circuit pc board a'ss	BACLA-0564-1A	1	1B2555564-1A	
U0031	Preamplifier 1st (Rch) circuit pc board a'ss	BACLA-0565-1A	1	1B2555565-1A	N
U0032	Preamplifier 2nd (Lch) circuit pc board a's	BACLA-0604-1A	1	1B2555604-1A	N
U0033	Preamplifier 2nd (Rch) circuit pc board a's	BACLA-0605-1A	1	1B2555605-1A	N
U0034	Main Microprocessor circuit pc board a'ss	BADG-0566-1A	1	1B2555566-1A	N

M-5000R

PACKING PROCEDURES PARTS LIST

REF. NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[PACKING]					
A036	CARTON	---	1	29055175A	N <B MDC, MPP / S MPP>
A036	CARTON	(S)MJJ	1	29055188A	N <S MJJ>
A037A	JAN LABEL	M-5000R(S)MJJ	{ 1 }	29391375	N <S MJJ>
A037A	UPC LABEL	M-5000R(B)MDC	{ 1 }	29391379	N <B MDC>
A037A	EAN LABEL	M-5000R(S)MPP	{ 1 }	29391382	N <S MPP>
A037A	EAN LABEL	M-5000R(B)MPP	{ 1 }	29391383	N <B MPP>
A201	PAD	AS	1	29092547A	N
A202	SHEET	T0.515*1300*900	1	29096066	
A203	TAPE	(SEROHAN)NITTO NO.29	1	29110149	
A204	PP TAPE	W50 SBT-70	1	29110200	
A204 or	PP TAPE	NITTO No.3903(50mmx100m)	(1)	29110205	

A205	POLY BAG	w250xd350	1	29100250A	
A206	TAPE	(SEROHAN)NITTO NO.29	1	29110149	
A207	SHEET	(ACC)A4	1	29096115A	
A209	STAPLE	FUKAN-BARI(1000KO)	4	282321	
[ACCESSARY]					
A038	WRNTY CARD	(ONKYO)	1	29365135	<B MDC>
A038	WRNTY CARD	AS	1	29365093C	<S MJJ>
A039	TAPE	(SEROHAN)NITTO NO.29	1	29110149	
A840	DIRECTORY	---	1	29358032C	<S MJJ>
A841	QUST SHEET	JJ	1	29370045D	<S MJJ>
A842	INST SHEET	WEEE	1	29355793	<B MPP / S MPP>
A851	INS MANUAL	En(M-5000R)	1	29400545	N <B MDC, MPP / S MPP>
A852	INS MANUAL	U2FrEs(M-5000R)	1	29400546	N <B MDC, MPP / S MPP>
A853	INS MANUAL	U2ItDe(M-5000R)	1	29400547	N <B MPP / S MPP>
A854	INS MANUAL	U2NiSv(M-5000R)	1	29400548	N <B MPP / S MPP>
A855	INS MANUAL	Ja(M-5000R)	1	29400549	N <S MJJ>
P902	CORD AS	3.5 MINI PLUG	1	2010431	
A9506	POLY BAG	W250 x D350	1	29100250A	
P9506D	AC CORD	AS-CEE-3	1	253298VOL	! <B MPP / S MPP>
P9506D	AC CORD	AS-UC-2	1	253301VOL	! <B MDC>
P9506D	AC CORD	AS-JA	1	253382KAW	! <S MJJ>

M-5000R**PC BOARD PARTS LIST****U001****AMP-AS****BAAMP-0549-1 *****1****1B255549-1**

CIRCUIT NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[SEMI CONDUCTOR]					
D2523	LED	SLR343WBD2P_3-XR/XS_Rank	1	225499A	N
D2524	LED	SLR343WBD2P_3-XR/XS_Rank	1	225499A	N
D6503	C-DIODE	ISS352	1	223234R2	

D6504	C-DIODE	1SS352	1	223234R2
D6505	C-DIODE	1SS352	1	223234R2
D6506	C-DIODE	1SS352	1	223234R2
D6507	C-DIODE	1SS352	1	223234R2
D6508	C-DIODE	1SS352	1	223234R2
D6509	ZENER D	UDZS4.3B	1	224550430R2
D6510	ZENER D	UDZS4.3B	1	224550430R2
D6511	ZENER D	UDZS5.1B	1	224550510R2
D6512	ZENER D	UDZS5.1B	1	224550510R2
D6513	DIODE	RL1N4003	1	22380260T
D6514	DIODE	RL1N4003	1	22380260T
D6515	DIODE	RL1N4003	1	22380260T
D6516	DIODE	RL1N4003	1	22380260T
D6517	ZENER D	MTZJ5.1B	1	224470512T
D6518	ZENER D	MTZJ5.1B	1	224470512T
D6519	C-DIODE	1SS352	1	223234R2
D6520	C-DIODE	1SS352	1	223234R2
D6521	C-DIODE	1SS352	1	223234R2
D6522	C-DIODE	1SS352	1	223234R2
Q6501	TR	2SC2713-GR(TE85R_F)	1	2213135R2
Q6502	TR	2SC2713-GR(TE85R_F)	1	2213135R2
Q6537	TR	2SC2713-GR(TE85R_F)	1	2213135R2
Q6538	TR	2SC2713-GR(TE85R_F)	1	2213135R2
Q6543	TR	2SA1163-BL(TE85L_F)	1	2216756R2
Q6544	TR	2SA1163-BL(TE85L_F)	1	2216756R2
Q6545	TR	2SA1163-BL(TE85L_F)	1	2216756R2
Q6546	TR	2SA1163-BL(TE85L_F)	1	2216756R2
Q6547	TR	2SC2713-GR(TE85R_F)	1	2213135R2
Q6548	TR	2SC2713-GR(TE85R_F)	1	2213135R2
Q6549	IC	TC7S14F(TE85L_F)	1	22241175R2
Q6550	IC	TC7S14F(TE85L_F)	1	22241175R2
[CHASSIS SCREW]				
D2523B	HOLDER	(LED-LH5-2)	1	27191336

D2524B	HOLDER	(LED-LH5-2)	1	27191336	
[TRANS COIL]					
L6505	S-COIL	SC-1.1X6.5X26.5T	1	231433S	N
L6506	S-COIL	SC-1.1X6.5X26.5T	1	231433S	N
[CAPACITOR]					
C6503	MKT C	B32529C0102J289	1	376491024T	
C6503 or	UMXR C	1HUMXRTF102JE	(1)	376521024T	
C6504	MKT C	B32529C0102J289	1	376491024T	
C6504 or	UMXR C	1HUMXRTF102JE	(1)	376521024T	
C6505	UTSP C	CE04W100V-22M(UTSP)	1	397592207T	
C6506	UTSP C	CE04W100V-22M(UTSP)	1	397592207T	
C6509	C-CERA C	CK725B1H-103K1	1	332101035R1	
C6510	C-CERA C	CK725B1H-103K1	1	332101035R1	
C6511	TF C	ECQ-V100V-333J	1	374733334T	
C6512	TF C	ECQ-V100V-333J	1	374733334T	
C6513	UTSP C	CE04W100V-22M(UTSP)	1	397592207T	
C6514	UTSP C	CE04W100V-22M(UTSP)	1	397592207T	
C6515	UTSP C	CE04W25V-100M(UTSP)	1	397551017T	
C6516	UTSP C	CE04W25V-100M(UTSP)	1	397551017T	
C6517	C-CERA C	CK725B1H-223K1	1	332102235R1	
C6518	C-CERA C	CK725B1H-223K1	1	332102235R1	
C6519	UTSP C	CE04W50V-1M(UTSP)	1	397580107T	
C6520	UTSP C	CE04W50V-1M(UTSP)	1	397580107T	
C6521	C-CERA C	CK725B1H-223K1	1	332102235R1	
C6522	C-CERA C	CK725B1H-223K1	1	332102235R1	
C6523	UTSP C	CE04W50V-4.7M(UTSP)	1	397580477T	
C6524	UTSP C	CE04W50V-4.7M(UTSP)	1	397580477T	
C6525	UTSP C	CE04W63V-100M(UTSP)	1	397571017T	
C6526	UTSP C	CE04W63V-100M(UTSP)	1	397571017T	
C6527	UTSP C	CE04W63V-100M(UTSP)	1	397571017T	
C6528	UTSP C	CE04W63V-100M(UTSP)	1	397571017T	
C6529	TF C	ECQ-V50V-104J	1	374721044T	
C6530	TF C	ECQ-V50V-104J	1	374721044T	

C6531	UTSP C	CE04W10V-100M(UTSP)	1	397531017T
C6532	UTSP C	CE04W10V-100M(UTSP)	1	397531017T
C9534	TF C	ECQ-V100V-334J	1	374733344T
C9535	TF C	ECQ-V100V-334J	1	374733344T
C9536	TF C	ECQ-V100V-334J	1	374733344T
C9537	TF C	ECQ-V100V-334J	1	374733344T
[RESISTOR]				
L6523	FR CORE	*	1	5597-45502
L6524	FR CORE	*	1	5597-45502
L6525	FR CORE	*	1	5597-45502
L6526	FR CORE	*	1	5597-45502
R2539	C-CARBON R	RN72K1J-122JE	1	435031224R1
R2540	C-CARBON R	RN72K1J-122JE	1	435031224R1
R2551	C-CARBON R	RN72K1J-122JE	1	435031224R1
R2552	C-CARBON R	RN72K1J-122JE	1	435031224R1
R6525	C-CARBON R	RN72K1J-562JE	1	435035624R1
R6526	C-CARBON R	RN72K1J-562JE	1	435035624R1
R6527	C-CARBON R	RN72K1J-333JE	1	435033334R1
R6528	C-CARBON R	RN72K1J-333JE	1	435033334R1
R6529	C-CARBON R	RN72K1J-103JE	1	435031034R1
R6530	C-CARBON R	RN72K1J-103JE	1	435031034R1
R6531	C-CARBON R	RN72K1J-392JE	1	435033924R1
R6532	C-CARBON R	RN72K1J-392JE	1	435033924R1
R6533	C-CARBON R	RN72K1J-562JE	1	435035624R1
R6534	C-CARBON R	RN72K1J-562JE	1	435035624R1
R6541	C-CARBON R	RN72K1J-272JE	1	435032724R1
R6542	C-CARBON R	RN72K1J-272JE	1	435032724R1
R6545	C-CARBON R	RN72K1J-392JE	1	435033924R1
R6546	C-CARBON R	RN72K1J-392JE	1	435033924R1
R6551	CARBON R	R16J-180K	1	417341844T
R6552	CARBON R	R16J-180K	1	417341844T
R6553	TRIM R	N06HR2KBB	1	5211402T
R6554	TRIM R	N06HR2KBB	1	5211402T

R6565	NF CARBON R	R25J-2.2	1	415470224T	
R6566	NF CARBON R	R25J-2.2	1	415470224T	
R6567	NF CARBON R	R25J-82	1	415478204T	
R6568	NF CARBON R	R25J-82	1	415478204T	
R6569	NF CARBON R	R25J-15	1	415471504T	
R6570	NF CARBON R	R25J-15	1	415471504T	
R6571	NF CARBON R	R25J-33	1	415473304T	
R6572	NF CARBON R	R25J-33	1	415473304T	
R6573	NF CARBON R	R25J-47	1	415474704T	
R6574	NF CARBON R	R25J-47	1	415474704T	
R6575	NF CARBON R	R25J-15	1	415471504T	
R6576	NF CARBON R	R25J-15	1	415471504T	
R6579	NF CARBON R	R25J-2.2	1	415470224T	
R6580	NF CARBON R	R25J-2.2	1	415470224T	
R6581	NF CARBON R	R25J-82	1	415478204T	
R6582	NF CARBON R	R25J-82	1	415478204T	
R6583	C-CARBON R	RN72K1J-473JE	1	435034734R1	
R6584	C-CARBON R	RN72K1J-473JE	1	435034734R1	
R6591	METAL O R	RS1WBJ-10	1	443621004T	
R6592	METAL O R	RS1WBJ-10	1	443621004T	
R6597	CEMENT R	RSS3WJ-0.22	1	48192294	N
R6598	CEMENT R	RSS3WJ-0.22	1	48192294	N
R6599	CEMENT R	RSS3WJ-0.22	1	48192294	N
R6600	CEMENT R	RSS3WJ-0.22	1	48192294	N
R6601	CEMENT R	RSS3WJ-0.22	1	48192294	N
R6602	CEMENT R	RSS3WJ-0.22	1	48192294	N
R6603	CEMENT R	RSS3WJ-0.22	1	48192294	N
R6604	CEMENT R	RSS3WJ-0.22	1	48192294	N
R6605	C-CARBON R	RN72K1J-153JE	1	435031534R1	
R6606	C-CARBON R	RN72K1J-153JE	1	435031534R1	
R6607	METAL O R	RS2WBJ-33	1	441723304F	
R6608	METAL O R	RS2WBJ-33	1	441723304F	
R6627	C-CARBON R	RN72K1J-333JE	1	435033334R1	

R6628	C-CARBON R	RN72K1J-333JE	1	435033334R1
R6629	C-CARBON R	RN72K1J-333JE	1	435033334R1
R6630	C-CARBON R	RN72K1J-333JE	1	435033334R1
R6631	C-CARBON R	RN72K1J-223JE	1	435032234R1
R6632	C-CARBON R	RN72K1J-223JE	1	435032234R1
R6633	C-CARBON R	RN72K1J-103JE	1	435031034R1
R6634	C-CARBON R	RN72K1J-103JE	1	435031034R1
R6635	C-CARBON R	RN72K1J-562JE	1	435035624R1
R6636	C-CARBON R	RN72K1J-562JE	1	435035624R1
R6637	C-CARBON R	RN72K1J-224JE	1	435032244R1
R6638	C-CARBON R	RN72K1J-224JE	1	435032244R1
R6639	C-CARBON R	RN72K1J-223JE	1	435032234R1
R6640	C-CARBON R	RN72K1J-223JE	1	435032234R1
R6641	C-CARBON R	RN72K1J-562JE	1	435035624R1
R6642	C-CARBON R	RN72K1J-562JE	1	435035624R1
R6643	NF CARBON R	R25J-10	1	415471004T
R6644	NF CARBON R	R25J-10	1	415471004T
R6645	NF CARBON R	R25J-10	1	415471004T
R6646	NF CARBON R	R25J-10	1	415471004T
R6647	METAL O R	RS1WBJ-10K	1	443621034T
R6648	METAL O R	RS1WBJ-10K	1	443621034T
R6649	NF CARBON R	R25J-33	1	415473304T
R6650	NF CARBON R	R25J-33	1	415473304T
R6651	ZENAR D	UDZS4.7B	1	224550470R2
R6652	ZENAR D	UDZS4.7B	1	224550470R2
R6653	C-CARBON R	RN72K1J-103JE	1	435031034R1
R6654	C-CARBON R	RN72K1J-103JE	1	435031034R1
[SW TRM]				
P2507A	SOCKET AS	NSAS-4P1697	1	2002E390425UL
P2508A	SOCKET AS	NSAS-4P1697	1	2002E390425UL
P5503A	SOCKET AS	NSAS-10P1921	1	200C4291010UL
P5504A	SOCKET AS	NSAS-10P1921	1	200C4291010UL
P5505B	CRIMP AS	CRIMP_PAMC5500	1	20799180UL

P5506B	CRIMP AS	CRIMP_PAMC5500	1	20799180UL	
P5601B	PLUG	IMSA-9210B-1-11ZA076-PT1	1	25056677	N
P5602B	PLUG	IMSA-9210B-1-11ZA076-PT1	1	25056677	N
P6503A	CRIMP AS	1.8S-SGM-51T-4:BLK50	1	20799186UL	N
P6504A	CRIMP AS	1.8S-SGM-51T-4:BLK50	1	20799186UL	N
P6505A	PLUG	NPLG-2P645	1	25055689	
P6506A	PLUG	NPLG-2P645	1	25055689	
P7507B	PLUG	NPLG-5P133	1	25055149	
P7508B	PLUG	NPLG-5P133	1	25055149	
P7703B	PLUG	NPLG-2P349	1	25055366	
P7704B	PLUG	NPLG-2P349	1	25055366	
P9511A	TRM(SCREW)	NEJITANSI M3	1	25065425	
P9512A	TRM(SCREW)	NEJITANSI M3	1	25065425	
P9513A	CRIMP AS	1.8S-TAMAG:RED100	1	2069355102UL	N
P9514A	CRIMP AS	1.8S-TAMAG:RED100	1	2069355102UL	N
P9515A	TRM(SCREW)	NEJITANSI M3	1	25065425	
P9516A	TRM(SCREW)	NEJITANSI M3	1	25065425	
P9519A	CRIMP AS	1.8S-TAMAG:BROWN100	1	2069355101UL	N
P9520A	CRIMP AS	1.8S-TAMAG:BROWN100	1	2069355101UL	N
P9535	RETAINER	(BUS-AMP1)	1	27142213	N
P9536	RETAINER	(BUS-AMP1)	1	27142213	N
P9539	RETAINER	(BUS-AMP1)	1	27142213	N
P9540	RETAINER	(BUS-AMP1)	1	27142213	N
RL6587	RELAY	NRL-2P5A-DC12-192	1	25065702	
RL6588	RELAY	NRL-2P5A-DC12-192	1	25065702	

M-5000R

PC BOARD PARTS LIST

U002

PS-AS

BAPS-0559-1 *

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1B255559-1

CIRCUIT NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[SEMI CONDUCTOR]					

D2502	LED	SCB3318E-D2	1	225487	
D2503	LED	SCB3318E-D2	1	225487	
D2505	LED	SLR343WBD2P_3-XR/XS_Rank	1	225499A	N
D2507	LED	SLI-343URC-T32	1	225436T	
D2508	C-DIODE	1SS352	1	223234R2	
D2509	C-DIODE	1SS352	1	223234R2	
D2512	ZENER D	UDZS5.1B	1	224550510R2	
D2514	C-DIODE	1SS352	1	223234R2	
D2515	C-DIODE	1SS352	1	223234R2	
D2516	ZENER D	UDZS5.1B	1	224550510R2	
D2519	ZENER D	MTZJ15B	1	224471502T	
D2520	ZENER D	MTZJ15B	1	224471502T	
D2521	ZENER D	MTZJ15B	1	224471502T	
D2522	ZENER D	MTZJ15B	1	224471502T	
D7701	C-DIODE	1SS352	1	223234R2	
D7702	C-DIODE	1SS352	1	223234R2	
D7703	C-DIODE	1SS352	1	223234R2	
D7704	C-DIODE	1SS352	1	223234R2	
D7705	C-DIODE	1SS352	1	223234R2	
D7706	C-DIODE	1SS352	1	223234R2	
D7707	ZENER D	UDZS5.1B	1	224550510R2	
D7708	ZENER D	UDZS5.1B	1	224550510R2	
D7709	C-DIODE	1SS352	1	223234R2	
D7710	C-DIODE	1SS352	1	223234R2	
D7711	C-DIODE	1SS352	1	223234R2	
D7712	C-DIODE	1SS352	1	223234R2	
D7713	ZENER D	UDZS16B	1	224551600R2	
D7714	ZENER D	UDZS16B	1	224551600R2	
D7715	C-DIODE	S1NB60-4062	1	22380318R2	
D7716	C-DIODE	1SS352	1	223234R2	
D7717	C-DIODE	1SS352	1	223234R2	
D7721	DIODE	RL1N4003	1	22380260T	
D7722	DIODE	RL1N4003	1	22380260T	

D9505	C-DIODE	1SS352	1	223234R2	
D9506	C-DIODE	1SS352	1	223234R2	
D9520	ZENER D	UDZS18B	1	224551800R2	<S MJJ>
D9520	ZENER D	UDZS22B	1	224552200R2	<B MPP / S MPP, B MDC>
D9523	C-DIODE	1SS352	1	223234R2	
D9524	C-DIODE	1SS352	1	223234R2	
D9525	C-DIODE	1SS352	1	223234R2	
D9526	C-DIODE	1SS352	1	223234R2	
D9700	C-DIODE	1SS352	1	223234R2	
D9701	DIODE	1SS133	1	223163T	
D9704	C-DIODE	1SS352	1	223234R2	
D9705	C-DIODE	1SS352	1	223234R2	
D9706	C-DIODE	1SS352	1	223234R2	
D9707	C-DIODE	1SS352	1	223234R2	
D9708	C-DIODE	1SS352	1	223234R2	
D9709	C-DIODE	1SS352	1	223234R2	
D9710	C-DIODE	1SS352	1	223234R2	
D9711	C-DIODE	1SS352	1	223234R2	
D9712	C-DIODE	1SS352	1	223234R2	
D9713	C-DIODE	1SS352	1	223234R2	
D9714	C-DIODE	S1NB60-4062	1	22380318R2	
D9718	ZENER D	UDZS5.1B	1	224550510R2	
D9720	ZENER D	UDZS5.1B	1	224550510R2	
D9721	ZENER D	UDZS13B	1	224551300R2	
D9723	DIODE	RL1N4003	1	22380260T	
Q2501	TR	KRC104S	1	2216210R2	
Q2502	IC	NJU201AM	1	22242689R2	N
Q2503	IC	NJU201AM	1	22242689R2	N
Q2506	TR	KTA1266-GR	1	2215975T	
Q2507	TR	DTA123JKA	1	2214090R2	
Q2508	TR	KRC104S	1	2216210R2	
Q7701	IC	NJM4580M-D	1	22241448R2	
Q7702	IC	NJM4580M-D	1	22241448R2	

Q7705	TR	2SC2240-GR	1	2211405T
Q7706	TR	2SC2240-GR	1	2211405T
Q7707	TR	2SC2240-GR	1	2211405T
Q7708	TR	2SC2240-GR	1	2211405T
Q7709	IC	NJM4580M-D	1	22241448R2
Q7710	IC	NJM4580M-D	1	22241448R2
Q7711	IC	NJM4580M-D	1	22241448R2
Q7712	IC	NJM4580M-D	1	22241448R2
Q7713	TR	RN1441	1	2215410R2
Q7714	TR	RN1441	1	2215410R2
Q7715	TR	RN1441	1	2215410R2
Q7716	TR	RN1441	1	2215410R2
Q7717	TR	DTA114YKA	1	2216480R2
Q7718	TR	DTA114YKA	1	2216480R2
Q7719	TR	DTA114YKA	1	2216480R2
Q7720	TR	DTA114YKA	1	2216480R2
Q7723	TR	DTC114EKA	1	2216250R2
Q7724	TR	DTC114EKA	1	2216250R2
Q7725	IC	NJM4580M-D	1	22241448R2
Q7726	IC	NJM4580M-D	1	22241448R2
Q7728A	TR	2SC5171(ONK_Q)	1	2203010
Q7728B	SCREW	3TTB+8B(3BC)	1	838430088GR
Q7728C	HEAT SINK	RAD-177	1	27160517
Q7729A	TR	2SA1930(ONK_Q)	1	2203000
Q7729B	SCREW	3TTB+8B(3BC)	1	838430088GR
Q7731	IC	NJM4580M-D	1	22241448R2
Q9501	TR	KRA107S	1	2216350R2
Q9502	TR	KRA107S	1	2216350R2
Q9503	TR	KRA107S	1	2216350R2
Q9504	TR	KRA107S	1	2216350R2
Q9505	TR	KRA107S	1	2216350R2
Q9506	TR	KRA107S	1	2216350R2
Q9507	TR	KRA107S	1	2216350R2

Q9508	TR	KRA107S	1	2216350R2	
Q9521	TR	2SC5171(ONK_Q)	1	2203010	
Q9701	TR	KRC104S	1	2216210R2	
Q9702A	TR	2SC5171(ONK_Q)	1	2203010	
Q9702B	HEAT-SINK	HEAT-SINK	1	27160179	
Q9702C	SCREW	3TTB+8B(3BC)	1	838430088GR	
[CHASSIS SCREW]					
D2502B	HOLDER	(LED-LH5-2)	1	27191336	
D2503B	HOLDER	(LED-LH5-2)	1	27191336	
D2505B	HOLDER	(LED-LH5-2)	1	27191336	
[TRANS COIL]					
T9701	P TRANS	NPT-1520JQ	1	2301812A	<S MJJ, B MDC>
T9701	P TRANS	NPT-1520GQ	1	2301813A	<B MPP / S MPP>
[CAPACITOR]					
C2501	C-CERA C	CK725B1H-103K1	1	332101035R1	
C2502	C-CERA C	CK725B1H-103K1	1	332101035R1	
C2503	C-CERA C	CK725F1E-104Z1	1	332161040R1	
C2504	C-CERA C	CK725B1H-102K1	1	332101025R1	
C2506	C-CERA C	CK725B1H-102K1	1	332101025R1	
C2511	MKT C	B32529C0102J289	1	376491024T	
C2511 or	UMXR C	1HUMXRTEF102JE	(1)	376521024T	
C2512	UPZ C	2AUPZTF221JE	1	376332214T	
C2513	MKT C	B32529C0102J289	1	376491024T	
C2513 or	UMXR C	1HUMXRTEF102JE	(1)	376521024T	
C2514	UPZ C	2AUPZTF221JE	1	376332214T	
C2515	C-CERA C	CC725CH1H-102J1	1	342101024R1	
C2516	C-CERA C	CC725CH1H-102J1	1	342101024R1	
C2525	UPZ C	2AUPZTF221JE	1	376332214T	
C2526	UTSP C	CE04W25V-100M(UTSP)	1	397551017T	
C2527	UPZ C	2AUPZTF221JE	1	376332214T	
C2528	UTSP C	CE04W25V-100M(UTSP)	1	397551017T	
C2529	UTSP C	CE04W25V-100M(UTSP)	1	397551017T	
C2530	UTSP C	CE04W25V-100M(UTSP)	1	397551017T	

C2531	ROB C	CE04W25V-100M(ROB)	1	395851017T
C2532	ROB C	CE04W25V-100M(ROB)	1	395851017T
C2533	ROB C	CE04W25V-100M(ROB)	1	395851017T
C2534	ROB C	CE04W25V-100M(ROB)	1	395851017T
C2536	C-CERA C	CC725CH1H-102J1	1	342101024R1
C2537	C-CERA C	CC725CH1H-102J1	1	342101024R1
C2538	C-CERA C	CC725CH1H-102J1	1	342101024R1
C2539	UTSP C	CE04W25V-47M(UTSP)	1	397554707T
C2540	UTSP C	CE04W25V-47M(UTSP)	1	397554707T
C5521	UTSP C	CE04W63V-100M(UTSP)	1	397571017T
C5522	UTSP C	CE04W63V-100M(UTSP)	1	397571017T
C5523	UTSP C	CE04W63V-100M(UTSP)	1	397571017T
C5524	UTSP C	CE04W63V-100M(UTSP)	1	397571017T
C7701	UPZ C	2AUPZTF101JE	1	376331014T
C7702	UPZ C	2AUPZTF101JE	1	376331014T
C7703	UPZ C	2AUPZTF101JE	1	376331014T
C7704	UPZ C	2AUPZTF101JE	1	376331014T
C7709	C-CERA C	CC725CH1H-101J1	1	342101014R1
C7710	C-CERA C	CC725CH1H-101J1	1	342101014R1
C7717	C-CERA C	CC725CH1H-102J1	1	342101024R1
C7718	C-CERA C	CC725CH1H-102J1	1	342101024R1
C7721	UTSP C	CE04W25V-100M(UTSP)	1	397551017T
C7722	UTSP C	CE04W25V-100M(UTSP)	1	397551017T
C7723	UTSP C	CE04W50V-2.2M(UTSP)	1	397580227T
C7724	UTSP C	CE04W50V-2.2M(UTSP)	1	397580227T
C7731	UTSP C	CE04W35V-330M(UTSP)	1	397563317T
C7732	UTSP C	CE04W35V-330M(UTSP)	1	397563317T
C7733	UTSP C	CE04W25V-47M(UTSP)	1	397554707T
C7734	UTSP C	CE04W25V-47M(UTSP)	1	397554707T
C7735	UTSP C	CE04W25V-100M(UTSP)	1	397551017T
C7736	UTSP C	CE04W25V-100M(UTSP)	1	397551017T
C7737	TF C	ECQ-V50V-104J	1	374721044T
C7738	CERA C	CC45SL50V-330J	1	345023304T

C7739	CERA C	CC45SL50V-330J	1	345023304T	
C7741	UTSP C	CE04W25V-100M(UTSP)	1	397551017T	
C7742	UTSP C	CE04W25V-100M(UTSP)	1	397551017T	
C7743	UTSP C	CE04W25V-47M(UTSP)	1	397554707T	
C7744	UTSP C	CE04W25V-47M(UTSP)	1	397554707T	
C9505	UTSP C	CE04W50V-10M(UTSP)	1	397581007T	
C9507	TF C	ECQ-V50V-103J	1	374721034T	
C9508	TF C	ECQ-V50V-103J	1	374721034T	
C9511	IS C	RE275V-103M	1	3500196S	!
C9512	IS C	RE275V-103M	1	3500196S	!
C9513	IS C	RE275V-103M	1	3500196S	!
C9514	IS C	RE275V-103M	1	3500196S	!
C9515	TF C	ECQ-V50V-103J	1	374721034T	
C9516	TF C	ECQ-V50V-103J	1	374721034T	
C9517	TF C	ECQ-V50V-103J	1	374721034T	
C9518	TF C	ECQ-V50V-103J	1	374721034T	
C9519	IS C	RE275V-103M	1	3500196S	!
C9520	IS C	RE275V-103M	1	3500196S	!
C9525	UTSP C	CE04W50V-10M(UTSP)	1	397581007T	
C9700	UTSP C	CE04W25V-47M(UTSP)	1	397554707T	
C9701	UTSP C	CE04W50V-10M(UTSP)	1	397581007T	
C9703	UTSP C	CE04W16V-330M(UTSP)	1	397543317T	
C9704	UTSP C	CE04W35V-330M(UTSP)	1	397563317T	
C9705	TF C	ECQ-V50V-104J	1	374721044T	
C9706	IS C	RE275V-103M	1	3500196S	!
C9707	TF C	ECQ-V50V-223J	1	374722234T	
C9708	UTSP C	CE04W50V-4.7M(UTSP)	1	397580477T	
C9709	UTSP C	CE04W25V-470M(UTSP)	1	397554717T	
C9710	TF C	ECQ-V50V-223J	1	374722234T	
C9712	IS C	RE275V-103M	1	3500196S	!
C9713	IS C	RE275V-103M	1	3500196S	!
C9714	UTSP C	CE04W25V-100M(UTSP)	1	397551017T	
[RESISTOR]					

R2502	C-CARBON R	RN72K1J-222JE	1	435032224R1
R2503	C-CARBON R	RN72K1J-470JE	1	435034704R1
R2504	C-CARBON R	RN72K1J-103JE	1	435031034R1
R2506	C-CARBON R	RN72K1J-470JE	1	435034704R1
R2507	C-CARBON R	RN72K1J-472JE	1	435034724R1
R2508	C-CARBON R	RN72K1J-472JE	1	435034724R1
R2509	C-CARBON R	RN72K1J-104JE	1	435031044R1
R2510	C-CARBON R	RN72K1J-104JE	1	435031044R1
R2511	C-CARBON R	RN72K1J-331JE	1	435033314R1
R2512	C-CARBON R	RN72K1J-334JE	1	435033344R1
R2513	C-CARBON R	RN72K1J-331JE	1	435033314R1
R2514	C-CARBON R	RN72K1J-334JE	1	435033344R1
R2517	C-CARBON R	RN72K1J-392JE	1	435033924R1
R2518	C-CARBON R	RN72K1J-102JE	1	435031024R1
R2527	C-CARBON R	RN72K1J-331JE	1	435033314R1
R2528	C-CARBON R	RN72K1J-331JE	1	435033314R1
R2529	C-CARBON R	RN72K1J-474JE	1	435034744R1
R2530	C-CARBON R	RN72K1J-474JE	1	435034744R1
R2531	METAL O R	RS1WBJ-4.7K	1	443624724T
R2532	METAL O R	RS1WBJ-4.7K	1	443624724T
R2533	METAL O R	RS1WBJ-4.7K	1	443624724T
R2534	METAL O R	RS1WBJ-4.7K	1	443624724T
R2535	C-CARBON R	RN72K1J-392JE	1	435033924R1
R2536	C-CARBON R	RN72K1J-392JE	1	435033924R1
R2543	C-CARBON R	RN72K1J-101JE	1	435031014R1
R2544	C-CARBON R	RN72K1J-101JE	1	435031014R1
R2545	C-CARBON R	RN72K1J-224JE	1	435032244R1
R2546	C-CARBON R	RN72K1J-224JE	1	435032244R1
R2549	CARBON R	R16J-100K	1	417341044T
R2550	CARBON R	R16J-100K	1	417341044T
R5547	CARBON R	R16J-100K	1	417341044T
R5548	CARBON R	R16J-100K	1	417341044T
R5549	NF CARBON R	R25J-150	1	415471514T

R5550	NF CARBON R	R25J-150	1	415471514T
R5551	NF CARBON R	R25J-150	1	415471514T
R5552	NF CARBON R	R25J-150	1	415471514T
R7701	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7702	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7703	C-CARBON R	RN72K1J-102JE	1	435031024R1
R7704	C-CARBON R	RN72K1J-102JE	1	435031024R1
R7705	C-CARBON R	RN72K1J-100JE	1	435031004R1
R7706	C-CARBON R	RN72K1J-100JE	1	435031004R1
R7707	C-CARBON R	RN72K1J-471JE	1	435034714R1
R7708	C-CARBON R	RN72K1J-471JE	1	435034714R1
R7709	C-CARBON R	RN72K1J-222JE	1	435032224R1
R7710	C-CARBON R	RN72K1J-222JE	1	435032224R1
R7711	C-CARBON R	RN72K1J-153JE	1	435031534R1
R7712	C-CARBON R	RN72K1J-153JE	1	435031534R1
R7713	C-CARBON R	RN72K1J-153JE	1	435031534R1
R7714	C-CARBON R	RN72K1J-153JE	1	435031534R1
R7715	C-CARBON R	RN72K1J-473JE	1	435034734R1
R7716	C-CARBON R	RN72K1J-473JE	1	435034734R1
R7717	C-CARBON R	RN72K1J-000JE	1	435030004R1
R7718	C-CARBON R	RN72K1J-000JE	1	435030004R1
R7719	C-CARBON R	RN72K1J-393JE	1	435033934R1
R7720	C-CARBON R	RN72K1J-393JE	1	435033934R1
R7721	C-CARBON R	RN72K1J-102JE	1	435031024R1
R7722	C-CARBON R	RN72K1J-102JE	1	435031024R1
R7723	C-CARBON R	RN72K1J-221JE	1	435032214R1
R7724	C-CARBON R	RN72K1J-221JE	1	435032214R1
R7725	C-CARBON R	RN72K1J-221JE	1	435032214R1
R7726	C-CARBON R	RN72K1J-221JE	1	435032214R1
R7727	C-CARBON R	RN72K1J-183JE	1	435031834R1
R7728	C-CARBON R	RN72K1J-183JE	1	435031834R1
R7729	C-CARBON R	RN72K1J-104JE	1	435031044R1
R7730	C-CARBON R	RN72K1J-104JE	1	435031044R1

R7731	C-CARBON R	RN72K1J-153JE	1	435031534R1
R7732	C-CARBON R	RN72K1J-153JE	1	435031534R1
R7733	C-CARBON R	RN72K1J-104JE	1	435031044R1
R7734	C-CARBON R	RN72K1J-104JE	1	435031044R1
R7735	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7736	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7737	C-CARBON R	RN72K1J-104JE	1	435031044R1
R7738	C-CARBON R	RN72K1J-104JE	1	435031044R1
R7739	C-CARBON R	RN72K1J-153JE	1	435031534R1
R7740	C-CARBON R	RN72K1J-153JE	1	435031534R1
R7741	C-CARBON R	RN72K1J-183JE	1	435031834R1
R7742	C-CARBON R	RN72K1J-183JE	1	435031834R1
R7743	TRIM R	N06HR100BC	1	5210399T
R7744	TRIM R	N06HR100BC	1	5210399T
R7745	C-CARBON R	RN72K1J-104JE	1	435031044R1
R7746	C-CARBON R	RN72K1J-104JE	1	435031044R1
R7747	C-CARBON R	RN72K1J-220JE	1	435032204R1
R7748	C-CARBON R	RN72K1J-220JE	1	435032204R1
R7749	TRIM R	N06HR2KBC	1	5210390T
R7750	TRIM R	N06HR2KBC	1	5210390T
R7751	C-CARBON R	RN72K1J-183JE	1	435031834R1
R7752	C-CARBON R	RN72K1J-183JE	1	435031834R1
R7753	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7754	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7755	TRIM R	N06HR1KBC	1	5210389T
R7756	TRIM R	N06HR1KBC	1	5210389T
R7757	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7758	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7759	NF CARBON R	R25J-2.2K	1	415472224T
R7760	NF CARBON R	R25J-2.2K	1	415472224T
R7761	C-CARBON R	RN72K1J-472JE	1	435034724R1
R7762	C-CARBON R	RN72K1J-472JE	1	435034724R1
R7763	C-CARBON R	RN72K1J-224JE	1	435032244R1

R7764	C-CARBON R	RN72K1J-224JE	1	435032244R1	
R7765	C-CARBON R	RN72K1J-563JE	1	435035634R1	
R7766	C-CARBON R	RN72K1J-563JE	1	435035634R1	
R7767	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R7768	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R7769	METAL R	RNU1/2WCJ-2.2	1	453530224T	
R7770	METAL R	RNU1/2WCJ-2.2	1	453530224T	
R7771	FUSE	0.5A-T/UL/SE-125V	1	252379T	
R7772	FUSE	0.5A-T/UL/SE-125V	1	252379T	
R7773	C-CARBON R	RN72K1J-222JE	1	435032224R1	
R7775	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R7776	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R7777	C-CARBON R	RN72K1J-104JE	1	435031044R1	
R7778	C-CARBON R	RN72K1J-104JE	1	435031044R1	
R7779	NF CARBON R	R25J-2.2	1	415470224T	
R7780	NF CARBON R	R25J-2.2	1	415470224T	
R9513	METAL O R	RS1/2WBJ-1K	1	443521024T	
R9515	METAL O R	RS1WBJ-220	1	443622214T	
R9516	METAL O R	RS1WBJ-220	1	443622214T	
R9517	METAL O R	RS1WBJ-220	1	443622214T	
R9518	METAL O R	RS1WBJ-220	1	443622214T	
R9519	METAL O R	RS1WBJ-220	1	443622214T	
R9520	METAL O R	RS1WBJ-220	1	443622214T	
R9521	METAL O R	RS1WBJ-100	1	443621014T	
R9522	METAL O R	RS1WBJ-100	1	443621014T	
R9523	THERMISTOR	M3R014C	1	4000148	!
R9523A	C COVER	SB1925A	1	27301216	
R9524	THERMISTOR	M3R014C	1	4000148	!
R9524A	C COVER	SB1925A	1	27301216	
R9525	THERMISTOR	M3R014C	1	4000148	!
R9525A	C COVER	SB1925A	1	27301216	
R9526	THERMISTOR	M3R014C	1	4000148	!
R9526A	C COVER	SB1925A	1	27301216	

R9527	THERMISTOR	M3R014C	1	4000148	!
R9527A	C COVER	SB1925A	1	27301216	
R9528	THERMISTOR	M3R014C	1	4000148	!
R9528A	C COVER	SB1925A	1	27301216	
R9700	METAL O R	RS1/2WBJ-330	1	443523314T	
R9701	C-CARBON R	RN72K1J-562JE	1	435035624R1	
R9703	NF CARBON R	R25J-1.0K	1	415471024T	
R9704	C-CARBON R	RN72K1J-104JE	1	435031044R1	
R9706	METAL R	RNU1/2WCJ-2.2	1	453530224T	
R9707	METAL O R	RS1/2WBJ-68	1	443526804T	
R9708	METAL O R	RS1/2WBJ-330	1	443523314T	
R9709	FUSE	0.5A-T/UL/SE-125V	1	252379T	!
[SW TRM]					
E2507A	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	
E2508A	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	
E2509A	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	
E5501A	TRM	NTM-1P243(M1699)	1	25060312	
E5502A	TRM	NTM-1P243(M1699)	1	25060312	
E5503A	TRM	NTM-1P243(M1699)	1	25060312	
E5504A	TRM	NTM-1P243(M1699)	1	25060312	
E5505A	TRM	NTM-1P243(M1699)	1	25060312	
E5506A	TRM	NTM-1P243(M1699)	1	25060312	
E5507A	TRM	NTM-1P243(M1699)	1	25060312	
E5508A	TRM	NTM-1P243(M1699)	1	25060312	
E9501	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	
E9502	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	
E9503	TRM-423(SCREW)	NEJITANSI ST3	1	25060495	
F9501A	FUSE HOL	NSCT-1P2031	1	25052133T	
F9501B	FUSE HOL	NSCT-1P2031	1	25052133T	
F9502A	FUSE HOL	NSCT-1P2031	1	25052133T	
F9502B	FUSE HOL	NSCT-1P2031	1	25052133T	
F9503A	FUSE HOL	NSCT-1P2031	1	25052133T	
F9503B	FUSE HOL	NSCT-1P2031	1	25052133T	

F9504A	FUSE HOL	NSCT-1P2031	1	25052133T	
F9504B	FUSE HOL	NSCT-1P2031	1	25052133T	
P2501A	SOCKET AS	NSAS-10P0158	1	2006391010UL	
P2501B	PLUG	NPLG-5P352	1	25055369	
P2502	PIN JACK	NPJ-1PDR710	1	25045944	
P2503	PIN JACK	NPJ-1PDW709	1	25045943	
P2504	SOCKET	AC3FAH2-AU-B	1	25053400	
P2505	ST JACK	MSJ-035-22	1	25045887	
P2506	ST JACK	MSJ-035-22	1	25045887	
P2507B	PLUG	NPLG-2P349	1	25055366	
P2508B	PLUG	NPLG-2P349	1	25055366	
P5501B	PLUG	IMSA-9210B-1-07ZA011-PT1	1	25056676	N
P5502B	PLUG	IMSA-9210B-1-07ZA011-PT1	1	25056676	N
P5503B	PLUG	NPLG-5P133	1	25055149	
P5504B	PLUG	NPLG-5P133	1	25055149	
P5505A	CRIMP AS	1.8S-SGM-51T-4:BLK50	1	20799186UL	N
P5506A	CRIMP AS	1.8S-SGM-51T-4:BLK50	1	20799186UL	N
P7501A	SOCKET AS	NSAS-7P1917	1	2002A380730UL	N
P7502A	PLUG	NPLG-9P137	1	25055153	
P7503A	SOCKET AS	NSAS-22P1927	1	200E2382220UL	N
P7505A	SOCKET AS	NSAS-14P1919	1	200E2311415UL	N
P7507A	SOCKET AS	NSAS-5P1911	1	2002A380520UL	N
P7508A	SOCKET AS	NSAS-5P1911	1	2002A380520UL	N
P7701A	SOCKET AS	NSAS-10P1926	1	200E2381045UL	N
P7701B	PLUG	NPLG-5P133	1	25055149	
P7703A	SOCKET AS	NSAS-4P1697	1	2002E390425UL	
P7704A	SOCKET AS	NSAS-4P1127	1	2002E390415UL	
P7705	PLUG	NPLG-2P29	1	25055038	
P7706	PLUG	NPLG-2P29	1	25055038	
P9500A	PLUG	NPLG-2P631	1	25055675	
P9500B	SOCKET AS	NSAS-4P1476	1	2009990942UL	
P9501A	PLUG	NPLG-2P632	1	25055676	
P9501B	SOCKET AS	NSAS-4P1003	1	2009990716UL	

P9502A	PLUG	B3P5S-VH(FL)(SN)	1	25056681	N
P9502B	PLUG	NPLG-2P217	1	25055233	
P9502C	PLUG	NPLG-3P218	1	25055234	
P9505A	SOCKET AS	NSAS-3P1906	1	2002A380315UL	N
P9505B	PLUG	NPLG-3P131	1	25055147	
P9506A	PLUG	NPLG-2P631	1	25055675	
P9507A	PLUG	B3P5-VH(LF)	1	25056589	
P9508A	PLUG	B3P5-VH(LF)	1	25056589	
P9701A	SOCKET AS	NSAS-7P1899	1	2002A390720UL	N
RL9501	RELAY	NRL-1P10A-DC9-186	1	25065683	!
RL9502	RELAY	NRL-1P10A-DC9-186	1	25065683	!
RL9503	RELAY	NRL-1P10A-DC9-186	1	25065683	!
RL9504	RELAY	NRL-1P10A-DC9-186	1	25065683	!
RL9505	RELAY	NRL-1P10A-DC9-186	1	25065683	!
RL9506	RELAY	NRL-1P10A-DC9-186	1	25065683	!
RL9700	RELAY	NRL-1P5A-DC9-179	1	25065669	!
S2501	LEVER SW	NLS1121026L072	1	25040099	
S2502	LEVER SW	NLS1121026L072	1	25040099	
S2503	PUSH SW	NPS-111-S681	1	25035718T	
S2504	PUSH SW	NPS-111-S681	1	25035718T	
S9500	P SW	NPS-111-L687P(TV-5)	1	25035724	!
[TUNER UNIT]					
Q2500	PHT CP	PS2501AL-1	1	24120141R2	
Q2504	PHT CP	PS2501AL-1	1	24120141R2	
Q2505	PHT CP	PS2501AL-1	1	24120141R2	
				M-5000R	
PC BOARD PARTS LIST					
U003		CLA-AS	BACLA-0564-1 *	1	1B255564-1
CIRCUIT NO.	PART NAME	DESCRIPTION	Q'TY	PART NO. (SN)	REMARKS
[SEMI CONDUCTOR]					

D7501	ZENER D	UDZS3.3B	1	224550330R2
D7502	C-DIODE	1SS352	1	223234R2
D7503	C-DIODE	1SS352	1	223234R2
D7504	C-DIODE	1SS352	1	223234R2
D7505	C-DIODE	1SS352	1	223234R2
Q5501	TR	2SA970-BL(TPE2_F)	1	2211396T
Q5502	TR	2SA970-BL(TPE2_F)	1	2211396T
Q5503	TR	2SC2240-BL(TPE2_F)	1	2211406T
Q5504	TR	2SC2240-BL(TPE2_F)	1	2211406T
Q5505	TR	2SC2240-BL(TPE2_F)	1	2211406T
Q5506	TR	2SC2240-BL(TPE2_F)	1	2211406T
Q5507	TR	2SA970-BL(TPE2_F)	1	2211396T
Q5508	TR	2SA970-BL(TPE2_F)	1	2211396T
Q5509	TR	2SC2240-BL(TPE2_F)	1	2211406T
Q5510	TR	2SC2240-BL(TPE2_F)	1	2211406T
Q5511	TR	2SC2240-BL(TPE2_F)	1	2211406T
Q5512	TR	2SC2240-BL(TPE2_F)	1	2211406T
Q5513	TR	2SA970-BL(TPE2_F)	1	2211396T
Q5514	TR	2SA970-BL(TPE2_F)	1	2211396T
Q5515	TR	2SA970-BL(TPE2_F)	1	2211396T
Q5516	TR	2SA970-BL(TPE2_F)	1	2211396T
Q5517	TR	2SA949-O(TPE6_F)	1	2211353T
Q5518	TR	2SA949-O(TPE6_F)	1	2211353T
Q5519	TR	2SC2229-O(TPE6_F)	1	2211633T
Q5520	TR	2SC2229-O(TPE6_F)	1	2211633T
Q5601	TR	2SA970-BL(TPE2_F)	1	2211396T
Q5602	TR	2SA970-BL(TPE2_F)	1	2211396T
Q5603	TR	2SC2240-BL(TPE2_F)	1	2211406T
Q5604	TR	2SC2240-BL(TPE2_F)	1	2211406T
Q5605	TR	2SC2240-BL(TPE2_F)	1	2211406T
Q5606	TR	2SC2240-BL(TPE2_F)	1	2211406T
Q5607	TR	2SA970-BL(TPE2_F)	1	2211396T
Q5608	TR	2SA970-BL(TPE2_F)	1	2211396T

Q5609	TR	2SC2240-BL(TPE2_F)	1	2211406T	
Q5610	TR	2SC2240-BL(TPE2_F)	1	2211406T	
Q5611	TR	2SC2240-BL(TPE2_F)	1	2211406T	
Q5612	TR	2SC2240-BL(TPE2_F)	1	2211406T	
Q5613	TR	2SA970-BL(TPE2_F)	1	2211396T	
Q5614	TR	2SA970-BL(TPE2_F)	1	2211396T	
Q5615	TR	2SA970-BL(TPE2_F)	1	2211396T	
Q5616	TR	2SA970-BL(TPE2_F)	1	2211396T	
Q5621	TR	2SA1360-Y	1	2202094	
Q5621A	HEAT SINK	(PD)	1	27160661A	N
Q5621B	SCREW	3TTB+8B(3BC)	1	838430088GR	
Q5622	TR	2SA1360-Y	1	2202094	
Q5622A	HEAT SINK	(PD)	1	27160661A	N
Q5622B	SCREW	3TTB+8B(3BC)	1	838430088GR	
Q5623	TR	2SC3423-Y	1	2202104	
Q5623A	HEAT SINK	(PD)	1	27160661A	N
Q5623B	SCREW	3TTB+8B(3BC)	1	838430088GR	
Q5624	TR	2SC3423-Y	1	2202104	
Q5624A	HEAT SINK	(PD)	1	27160661A	N
Q5624B	SCREW	3TTB+8B(3BC)	1	838430088GR	
Q5625	TR	2SC2712-GR	1	2213145R2	
Q5626	TR	2SC2712-GR	1	2213145R2	
Q5627	TR	2SA1162-GR	1	2214375R2	
Q5628	TR	2SA1162-GR	1	2214375R2	
Q5629	TR	2SC3324-GR(TE85L_F)	1	2216825R2	
Q5630	TR	2SC3324-GR(TE85L_F)	1	2216825R2	
Q5631	TR	2SA1312-GR(TE85L_F)	1	2216835R2	
Q5632	TR	2SA1312-GR(TE85L_F)	1	2216835R2	
Q7500	IC (Main)	R5F212A7SNFA (0395)	1	222W0099R303950	
Q7501	IC	R1EX24016ASAS0A	1	22242675R2	
Q7505	IC	S-812C33AUA-C2N	1	22242222R2	
Q7512	IC	NJU7706F27A3	1	22242614R2	
Q7515	TR	KRC104S	1	2216210R2	

Q7516	TR	KRC104S	1	2216210R2
Q7517	TR	KRC104S	1	2216210R2
Q7518	TR	KRC104S	1	2216210R2
Q7519	TR	KRC104S	1	2216210R2
Q7520	TR	KRC104S	1	2216210R2
Q7521	TR	KRC104S	1	2216210R2
[CAPACITOR]				
C5501	TF C	ECQ-V50V-104J	1	374721044T
C5502	TF C	ECQ-V50V-104J	1	374721044T
C5503	TF C	ECQ-V50V-104J	1	374721044T
C5504	TF C	ECQ-V50V-104J	1	374721044T
C5505	CERA C	CC45CH50V-030C	1	345340301T
C5506	CERA C	CC45CH50V-030C	1	345340301T
C5507	UPZ C	2AUPZTF101JE	1	376331014T
C5508	UPZ C	2AUPZTF101JE	1	376331014T
C5517	UTSJ C	CE04W50V-22M(UTSJ)	1	398082207AT
C5518	UTSJ C	CE04W50V-22M(UTSJ)	1	398082207AT
C5601	TF C	ECQ-V50V-104J	1	374721044T
C5602	TF C	ECQ-V50V-104J	1	374721044T
C5603	TF C	ECQ-V50V-104J	1	374721044T
C5604	TF C	ECQ-V50V-104J	1	374721044T
C5607	UPZ C	2AUPZTF151JE	1	376331514T
C5608	UPZ C	2AUPZTF151JE	1	376331514T
C5611	UTSJ C	CE04W50V-22M(UTSJ)	1	398082207AT
C5612	UTSJ C	CE04W50V-22M(UTSJ)	1	398082207AT
C5617	UTSJ C	CE04W50V-22M(UTSJ)	1	398082207AT
C5618	UTSJ C	CE04W50V-22M(UTSJ)	1	398082207AT
C7500	C-CERA C	CK725F1E-104Z1	1	332161040R1
C7501	C-CERA C	CK725B1H-102K1	1	332101025R1
C7502	UTSP C	CE04W16V-330M(UTSP)	1	397543317T
C7503	C-CERA C	CK725B1H-102K1	1	332101025R1
C7504	C-CERA C	CK725F1E-104Z1	1	332161040R1
C7507	C-CERA C	CK725F1E-104Z1	1	332161040R1

C7508	C-CERA C	CK725F1E-104Z1	1	332161040R1
C7509	C-CERA C	CK725B1H-102K1	1	332101025R1
C7510	C-CERA C	CK725B1H-102K1	1	332101025R1
C7513	UTSP C	CE04W50V-10M(UTSP)	1	397581007T
C7514	C-CERA C	CK725F1E-104Z1	1	332161040R1
C7515	UTSP C	CE04W16V-470M(UTSP)	1	397544717T
C7516	UTSP C	CE04W25V-100M(UTSP)	1	397551017T
C7517	C-CERA C	CK725F1E-104Z1	1	332161040R1
C7518	UTSP C	CE04W16V-330M(UTSP)	1	397543317T
C7522	C-CERA C	CK725F1E-104Z1	1	332161040R1
C7527	C-CERA C	CK725F1E-104Z1	1	332161040R1
C7528	C-CERA C	CK725F1E-104Z1	1	332161040R1
D5501	ZENER D	MTZJ33B	1	224473302T
D5502	ZENER D	MTZJ33B	1	224473302T
D5601	ZENER D	MTZJ33B	1	224473302T
D5602	ZENER D	MTZJ33B	1	224473302T
X7500	CERA LOCK	CR06000-TG-A0R	1	3010433T
[RESISTOR]				
R5501	CARBON R	R16J-1.5K	1	417341524T
R5502	CARBON R	R16J-1.5K	1	417341524T
R5503	CARBON R	R16J-680	1	417346814T
R5504	CARBON R	R16J-680	1	417346814T
R5505	CARBON R	R16J-680	1	417346814T
R5506	CARBON R	R16J-680	1	417346814T
R5511	CARBON R	R16J-220	1	417342214T
R5512	CARBON R	R16J-220	1	417342214T
R5513	CARBON R	R16J-330	1	417343314T
R5514	CARBON R	R16J-330	1	417343314T
R5515	CARBON R	R16J-330	1	417343314T
R5516	CARBON R	R16J-330	1	417343314T
R5517	CARBON R	R16J-10K	1	417341034T
R5518	CARBON R	R16J-10K	1	417341034T
R5519	CARBON R	R16J-15K	1	417341534T

R5520	CARBON R	R16J-15K	1	417341534T
R5521	TRIM R	N06HR1KBC	1	5210389T
R5522	TRIM R	N06HR1KBC	1	5210389T
R5523	CARBON R	R16J-6.8K	1	417346824T
R5524	CARBON R	R16J-6.8K	1	417346824T
R5525	CARBON R	R16J-1	1	417340104T
R5526	CARBON R	R16J-1	1	417340104T
R5527	CARBON R	R16J-5.6K	1	417345624T
R5528	CARBON R	R16J-5.6K	1	417345624T
R5529	CARBON R	R16J-68	1	417346804T
R5530	CARBON R	R16J-68	1	417346804T
R5531	CARBON R	R16J-82K	1	417348234T
R5532	CARBON R	R16J-82K	1	417348234T
R5533	CARBON R	R16J-47K	1	417344734T
R5534	CARBON R	R16J-47K	1	417344734T
R5535	CARBON R	R16J-15K	1	417341534T
R5536	CARBON R	R16J-15K	1	417341534T
R5537	CARBON R	R16J-68	1	417346804T
R5538	CARBON R	R16J-68	1	417346804T
R5539	CARBON R	R16J-1.5K	1	417341524T
R5540	CARBON R	R16J-1.5K	1	417341524T
R5541	CARBON R	R16J-12K	1	417341234T
R5542	CARBON R	R16J-12K	1	417341234T
R5543	CARBON R	R16J-12K	1	417341234T
R5544	CARBON R	R16J-12K	1	417341234T
R5545	CARBON R	R16J-10K	1	417341034T
R5546	CARBON R	R16J-10K	1	417341034T
R5553	CARBON R	R16J-10K	1	417341034T
R5554	CARBON R	R16J-10K	1	417341034T
R5601	CARBON R	R16J-1.5K	1	417341524T
R5602	CARBON R	R16J-1.5K	1	417341524T
R5603	CARBON R	R16J-680	1	417346814T
R5604	CARBON R	R16J-680	1	417346814T

R5605	CARBON R	R16J-680	1	417346814T
R5606	CARBON R	R16J-680	1	417346814T
R5607	METAL O R	RS1WBJ-10K	1	443621034T
R5608	METAL O R	RS1WBJ-10K	1	443621034T
R5609	METAL O R	RS1WBJ-10K	1	443621034T
R5610	METAL O R	RS1WBJ-10K	1	443621034T
R5611	CARBON R	R16J-220	1	417342214T
R5612	CARBON R	R16J-220	1	417342214T
R5613	CARBON R	R16J-330	1	417343314T
R5614	CARBON R	R16J-330	1	417343314T
R5615	CARBON R	R16J-330	1	417343314T
R5616	CARBON R	R16J-330	1	417343314T
R5617	CARBON R	R16J-10K	1	417341034T
R5618	CARBON R	R16J-10K	1	417341034T
R5619	CARBON R	R16J-15K	1	417341534T
R5620	CARBON R	R16J-15K	1	417341534T
R5621	TRIM R	N06HR1KBB	1	5211401T
R5622	TRIM R	N06HR1KBB	1	5211401T
R5623	CARBON R	R16J-5.6K	1	417345624T
R5624	CARBON R	R16J-5.6K	1	417345624T
R5625	CARBON R	R16J-680	1	417346814T
R5626	CARBON R	R16J-680	1	417346814T
R5627	CARBON R	R16J-5.6K	1	417345624T
R5628	CARBON R	R16J-5.6K	1	417345624T
R5629	CARBON R	R16J-68	1	417346804T
R5630	CARBON R	R16J-68	1	417346804T
R5631	CARBON R	R16J-560K	1	417345644T
R5632	CARBON R	R16J-560K	1	417345644T
R5633	CARBON R	R16J-560K	1	417345644T
R5634	CARBON R	R16J-560K	1	417345644T
R5635	CARBON R	R16J-15K	1	417341534T
R5636	CARBON R	R16J-15K	1	417341534T
R5637	CARBON R	R16J-68	1	417346804T

R5638	CARBON R	R16J-68	1	417346804T
R5639	CARBON R	R16J-1.5K	1	417341524T
R5640	CARBON R	R16J-1.5K	1	417341524T
R5641	CARBON R	R16J-330K	1	417343344T
R5642	CARBON R	R16J-330K	1	417343344T
R5661	C-CARBON R	RN72K1J-104JE	1	435031044R1
R5662	C-CARBON R	RN72K1J-104JE	1	435031044R1
R5663	C-CARBON R	RN72K1J-103JE	1	435031034R1
R5664	C-CARBON R	RN72K1J-103JE	1	435031034R1
R5665	CARBON R	R16J-12K	1	417341234T
R5666	CARBON R	R16J-12K	1	417341234T
R5667	CARBON R	R16J-12K	1	417341234T
R5668	CARBON R	R16J-12K	1	417341234T
R5669	CARBON R	R16J-10K	1	417341034T
R5670	CARBON R	R16J-10K	1	417341034T
R5671	CARBON R	R16J-10K	1	417341034T
R5672	CARBON R	R16J-10K	1	417341034T
R5673	CARBON R	R16J-2.2K	1	417342224T
R5674	CARBON R	R16J-2.2K	1	417342224T
R5675	CARBON R	R16J-2.2K	1	417342224T
R5676	CARBON R	R16J-2.2K	1	417342224T
R7501	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7502	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7503	C-CARBON R	RN72K1J-471JE	1	435034714R1
R7505	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7506	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7507	C-CARBON R	RN72K1J-472JE	1	435034724R1
R7508	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7509	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7511	C-CARBON R	RN72K1J-221JE	1	435032214R1
R7514	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7517	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7518	C-CARBON R	RN72K1J-221JE	1	435032214R1

R7519	C-CARBON R	RN72K1J-221JE	1	435032214R1
R7523	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7524	C-CARBON R	RN72K1J-000JE	1	435030004R1
R7525	C-CARBON R	RN72K1J-000JE	1	435030004R1
R7526	C-CARBON R	RN72K1J-000JE	1	435030004R1
R7528	C-CARBON R	RN72K1J-472JE	1	435034724R1
R7529	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7530	C-CARBON R	RN72K1J-224JE	1	435032244R1
R7531	C-CARBON R	RN72K1J-224JE	1	435032244R1
R7533	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7534	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7536	C-CARBON R	RN72K1J-222JE	1	435032224R1
R7537	C-CARBON R	RN72K1J-222JE	1	435032224R1
R7539	C-CARBON R	RN72K1J-221JE	1	435032214R1
R7540	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7543	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7544	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7545	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7548	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7551	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7553	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7554	C-CARBON R	RN72K1J-470JE	1	435034704R1
R7562	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7563	METAL R	RNU1/2WCJ-8.2	1	453530824T
R7564	METAL O R	RS1/2WBJ-47	1	443524704T
R7565	C-CARBON R	RN72K1J-152JE	1	435031524R1
R7566	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7567	C-CARBON R	RN72K1J-103JE	1	435031034R1
R7568	C-CARBON R	RN72K1J-102JE	1	435031024R1
R7571	C-CARBON R	RN72K1J-221JE	1	435032214R1
R7572	C-CARBON R	RN72K1J-221JE	1	435032214R1
R7573	C-CARBON R	RN72K1J-221JE	1	435032214R1
R7577	C-CARBON R	RN72K1J-221JE	1	435032214R1

R7582	C-CARBON R	RN72K1J-221JE	1	435032214R1	
R7583	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R7584	C-CARBON R	RN72K1J-103JE	1	435031034R1	
R7585	C-CARBON R	RN72K1J-224JE	1	435032244R1	
R7586	C-CARBON R	RN72K1J-224JE	1	435032244R1	
R7587	C-CARBON R	RN72K1J-104JE	1	435031044R1	
R7592	C-CARBON R	RN72K1J-102JE	1	435031024R1	
R7593	C-CARBON R	RN72K1J-473JE	1	435034734R1	
[SW TRM]					
P5501A	SOCKET	IMSA-9117S-07D	1	25053404	N
P5502A	SOCKET	IMSA-9117S-07D	1	25053404	N
P5601A	SOCKET	IMSA-9117S-11D	1	25053402	N
P5602A	SOCKET	IMSA-9117S-11D	1	25053402	N
P7501B	PLUG	NPLG-7P354	1	25055371	
P7502B	SOCKET AS	NSAS-9P1918	1	2002E380940UL	N
P7503B	PLUG	NPLG-11P358	1	25055375	
P7505B	PLUG	NPLG-7P354	1	25055371	
P7506	SOCKET	NSCT-9P2400	1	25052503	
P9701B	PLUG	NPLG-7P354	1	25055371	

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