

JVC

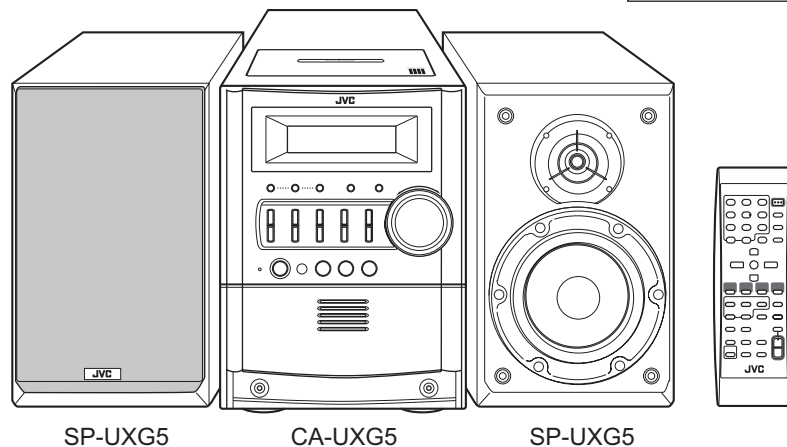
SERVICE MANUAL

MICRO COMPONENT SYSTEM

UX-G5

Area suffix

A	-----	Australia
US	-----	Singapore
UP	-----	Korea
UT	-----	Taiwan
UW	-----	Brazil, Mexico, Peru
UY	-----	Argentina
UJ	-----	U.S. Military



Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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SPECIFICATION

Amplifier section	Output Power		100 W (50 W+50 W) at 6 Ω (10% THD)
	Speakers Impedance		6 Ω - 16 Ω
	Audio Input AUX		400 mV/50 kΩ
Tuner section	FM tuning range		87.50 MHz - 108.00 MHz
	AM tuning range		531 kHz - 1 710 kHz (at 9 kHz) 530 kHz - 1 710 kHz (at 10 kHz)
CD player section	Dynamic range		85 dB
	Signal-to-noise ratio		85 dB
	Wow and flutter		Immeasurable
Cassette deck section	Frequency response: Normal (type I)		60 Hz - 14 000 Hz
	Wow and flutter		0.15% (WRMS)
General	Power requirement		AC 110 V - 127 V / 220 V - 240 V (adjustable with the voltage selector), 50 Hz/60 Hz
	Power consumption		90 W (at operation) 0.8 W (on standby)
	Dimensions (approx.)		175 mm × 232 mm × 412 mm (W/H/D)
	Mass (approx.)		6.6 kg
Speakers	Type		2-way Bass reflex
	Speaker units	Woofer	10 cm cone × 1
		Tweeter	4 cm cone × 1
	Impedance		6 Ω
	Dimensions (approx.)		144 mm × 231 mm × 201 mm (W/H/D)
	Mass (approx.)		2.0 kg each

Design and specifications are subject to change without notice.

SECTION 1

PRECAUTION

1.1 Safety Precautions

- (1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (Δ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

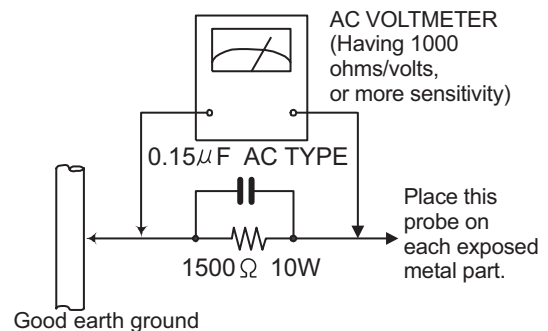
(5) Leakage shock hazard testing

After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock. Do not use a line isolation transformer during this check.

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000 Ω per volt or more sensitivity in the following manner. Connect a 1,500 Ω 10W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground. Measure the AC voltage across the resistor with the AC

voltmeter.

Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



1.2 Warning

- (1) This equipment has been designed and manufactured to meet international safety standards.
- (2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- (3) Repairs must be made in accordance with the relevant safety standards.
- (4) It is essential that safety critical components are replaced by approved parts.
- (5) If mains voltage selector is provided, check setting for local voltage.

1.3 Caution

Burrs formed during molding may be left over on some parts of the chassis.

Therefore, pay attention to such burrs in the case of pre-forming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor ($\blacksquare$), diode ($\blacktriangle$) and ICP ($\bullet$) or identified by the " Δ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.

(This regulation dose not Except the J and C version)

SECTION 2

SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3 DISASSEMBLY

3.1 Disassembly of Right plate left plate Top cover

Replacement of the fuses and AMP TR .THMS RES. Transistor. 7808 IC.

3.1.1 Replacing the fuses

(See Fig.1)

- Prior to performing the following procedure, remove right plate, left plate, top cover.
 - (1) Replace the fuses inside.

Caution:

Be sure to use fuses with the specified

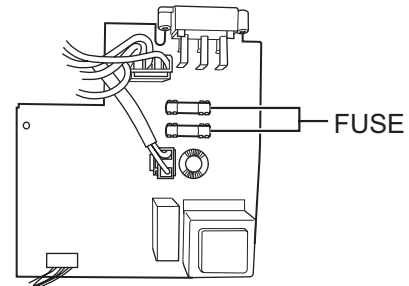


Fig.1

3.1.2 Replacing the AMP TR

(See Fig.2)

- Prior to performing the following procedure, remove the right plate, left plate, top cover.
 - (1) Remove the four screws **A** from the heat sink between AMP TR four.
 - (2) Remove the solder fixing the AMP TR.

3.1.3 Replacing the THMS RES

(See Fig.2)

- Prior to performing the following procedure, remove right plate, left plate, top cover.
 - (1) Remove the one screw **B** from heat sink.
 - (2) Remove the solder fixing THMS RES.

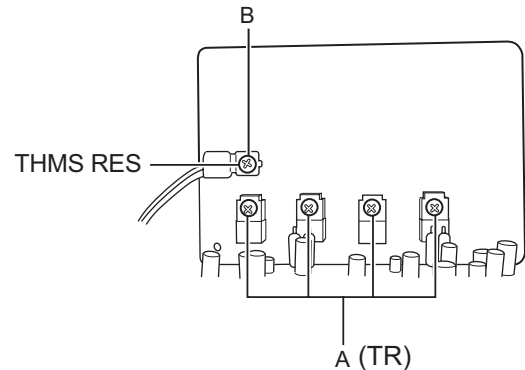


Fig.2

3.1.4 Replacing the 7808 IC

(See Fig.3)

- (1) Remove the two screws **D** from heat sink.
- (2) Remove the solder fixing transistor.

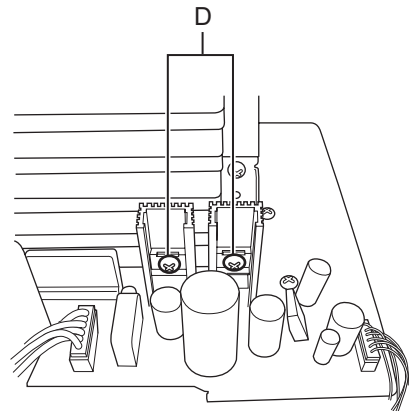


Fig.3

3.1.5 Removing the transformer cover (See Fig.4)

- (1) Remove the ten screws **E** from top cover.
- (2) Take off transformer cover from rear plate.

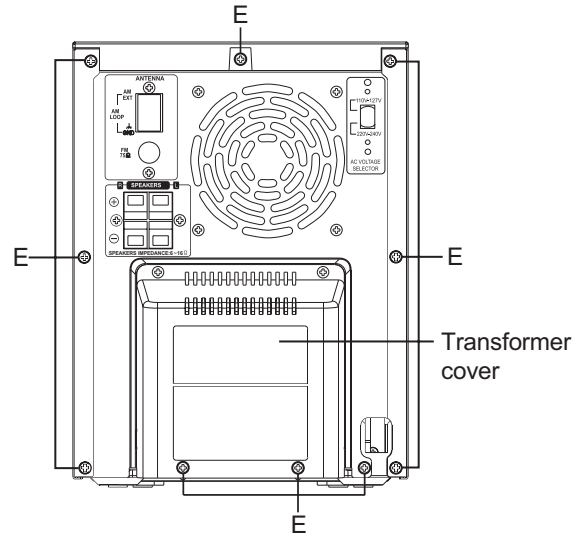


Fig.4

3.1.6 Removing the Right plate (See Fig.5)

- (1) Remove the two screws **F**.
- (2) Take off right plate from main body.

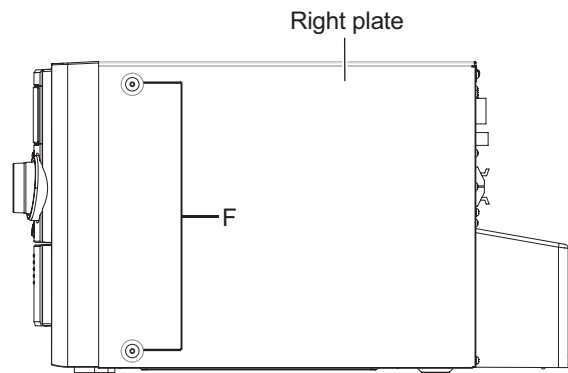


Fig.5

3.1.7 Removing the Left plate (See Fig.6)

- (1) Remove the two screws **G**.
- (2) Take off left plate from main body.

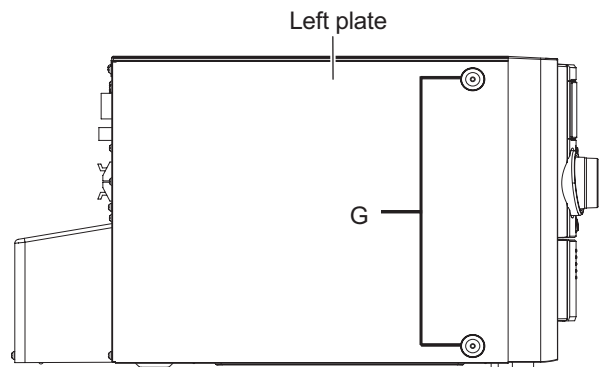


Fig.6

3.1.8 Removing the TOP COVER

(See Fig.7 to 9)

- (1) Remove the two screws **H1** (See Fig.7, 8).
- (2) Disengage the claws **H2** on both side of the front cabinet (See Fig.7, 8).
- (3) Rotate top cover and let's away from main body (See Fig.9).

Caution:

When you rotate top cover, must to slow raise, Don't to destroy the two claws of front cabinet.

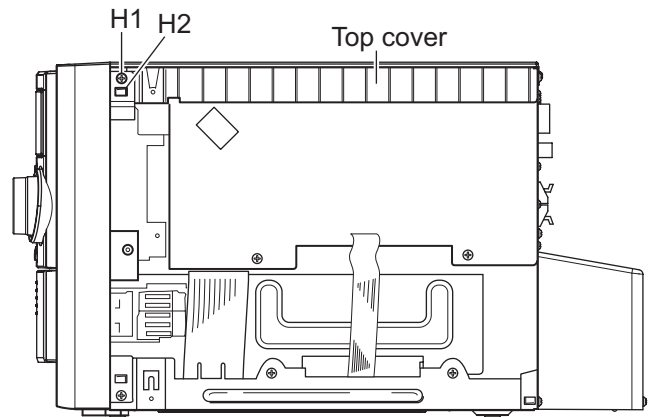


Fig.7

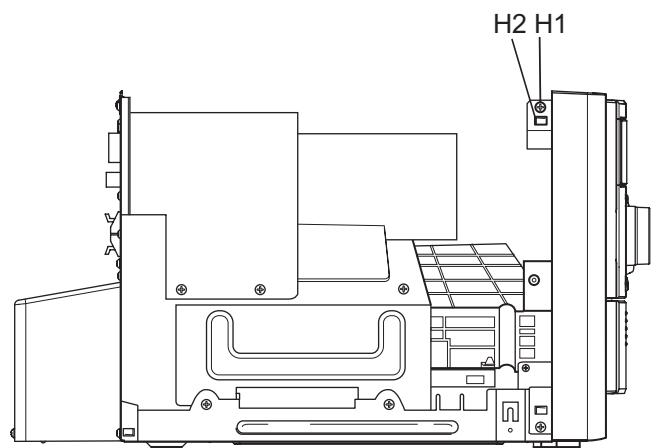


Fig.8

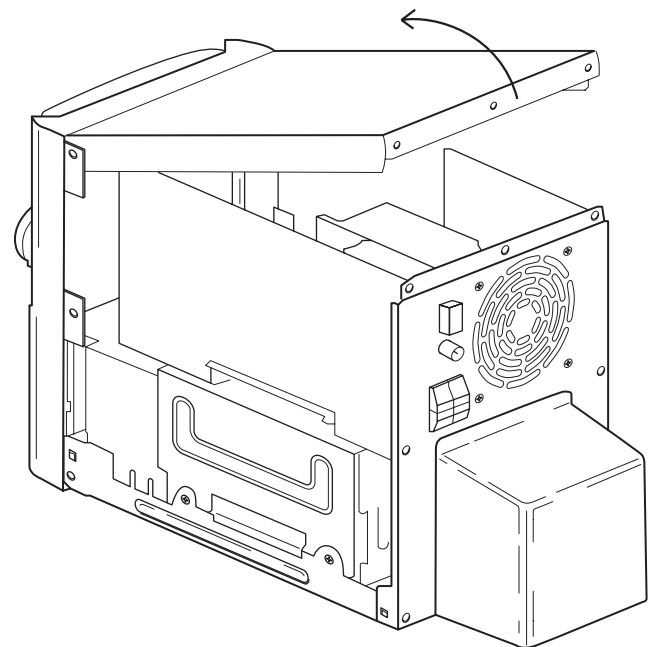


Fig.9

3.1.9 Removing the main board (See Fig.10 to 13)

- (1) Remove the two screws **J1**. (See Fig.10)
- (2) Disconnect the FFC cable **J2** from the connector **CN661** on main board. (See Fig.10)
- (3) Disconnect the FFC cable **J3** from the connector **CN402** on main board. (See Fig.11)
- (4) Disconnect the FFC cable **J4** from the connector **CN681** on main board. (See Fig.12)
- (5) Remove main board from AMP board after disconnect the connector **J319** and **CN601**. (See Fig.13)

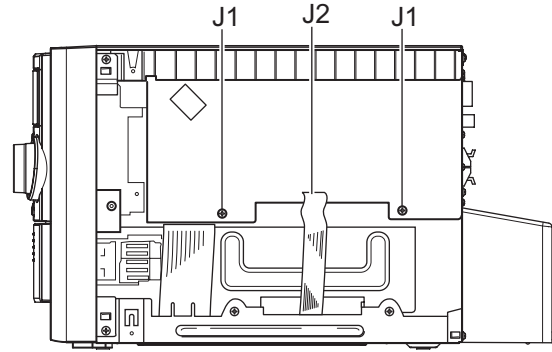


Fig.10

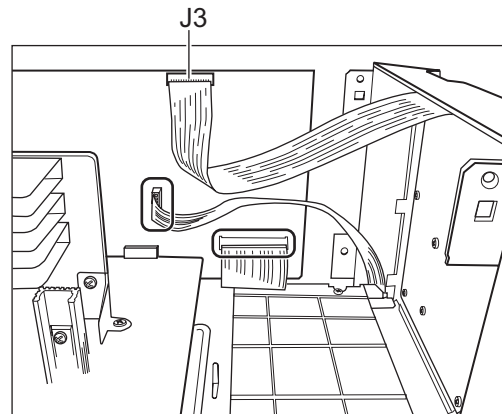


Fig.11

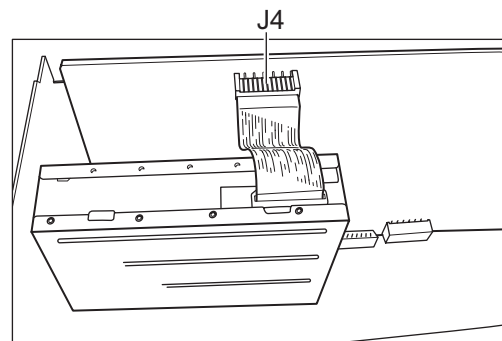


Fig.12

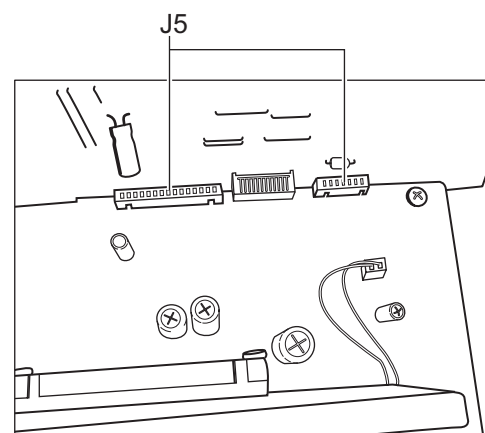


Fig.13

3.1.10 Removing the Power board

(See Fig.14 to 16)

- (1) Remove the two screws **K1** from CD MECH cover and power board. (See Fig.14)
- (2) Remove the two screws **K1** from rear plate and power board. (See Fig.14-1)
- (3) Disconnect the wire **K2** from the connector [CN102](#) on the AMP board. (See Fig.15)
- (4) Disconnect the two wire **K3** from the connector [CN901](#) and [CN902](#). (See Fig.16)

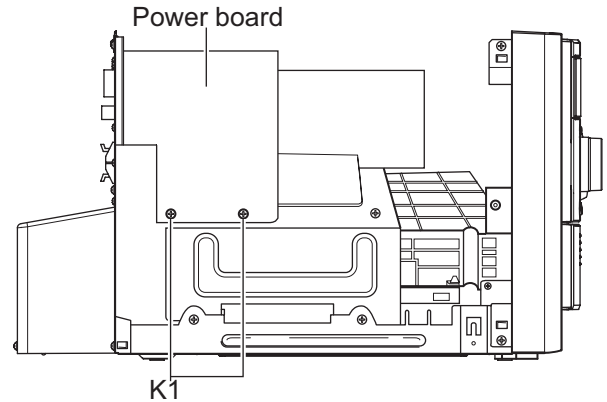


Fig.14

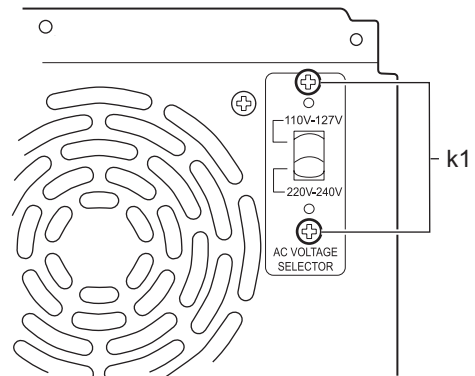


Fig.14-1

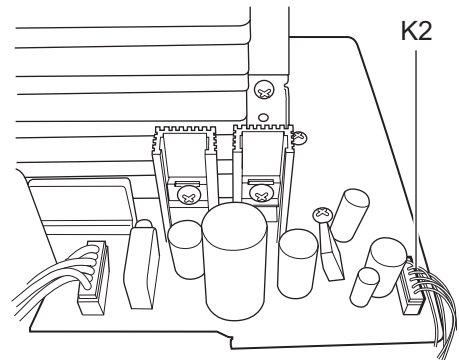


Fig.15

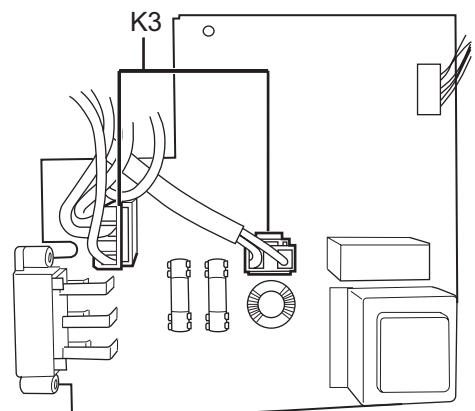


Fig.16

3.1.11 Removing the Rear plate assembly (See Fig.17 to 18)

- (1) Disengage the claws **I1** on both sides of bottom plate. (See Fig.17)
- (2) Disconnect the wire **I2** from the connector **CN105** on the AMP board. (See Fig.18)

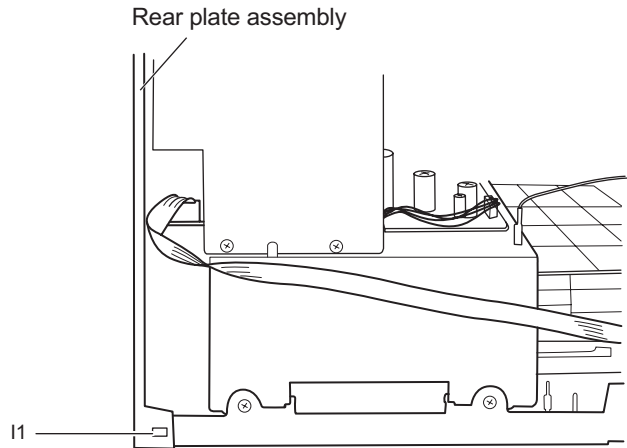


Fig.17

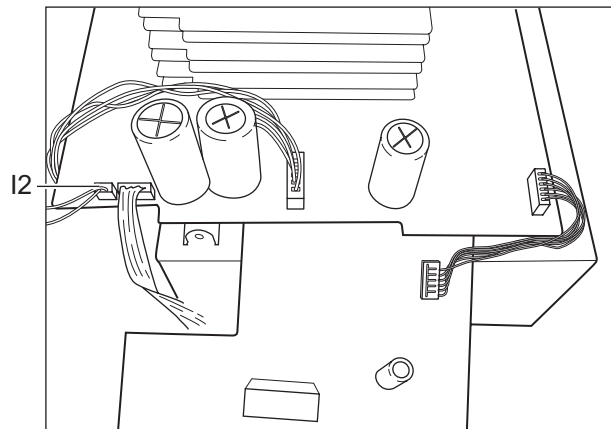


Fig.18

3.1.12 Removing the fan (See Fig.19)

- (1) Removing the four screws **M2**.

3.1.13 Removing the Tuner pack (See Fig.19)

- (1) Removing the two screws **M1**.

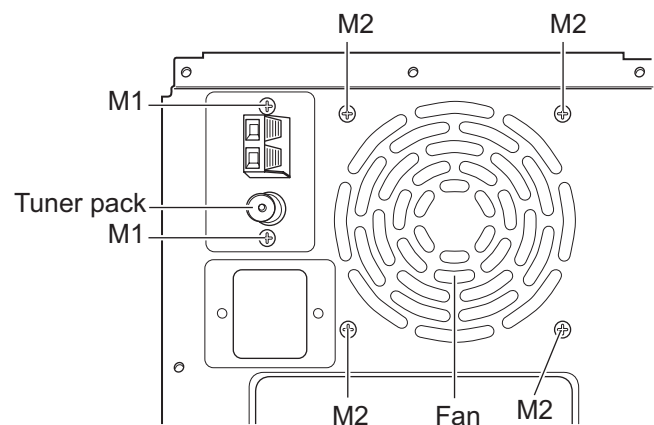


Fig.19

3.1.14 Removing the cassette machine from top cover (See Fig.20 to 22)

- (1) Disconnect the wire **E1** from connector of the cassette machine. (See Fig.20)
- (2) Disconnect the wire **E2** from connector of the cassette machine. (See Fig.21)
- (3) Remove the four screws **E3** from top cover. (See Fig.22)
- (4) Take out cassette machine.

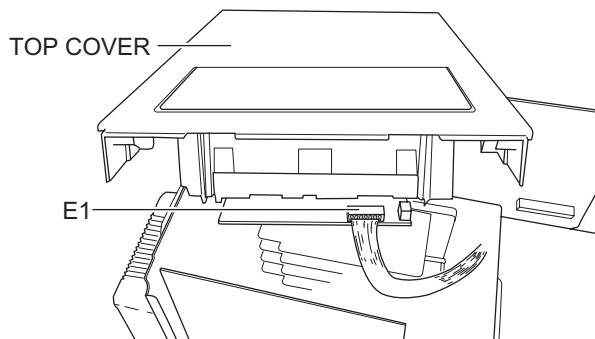


Fig.20

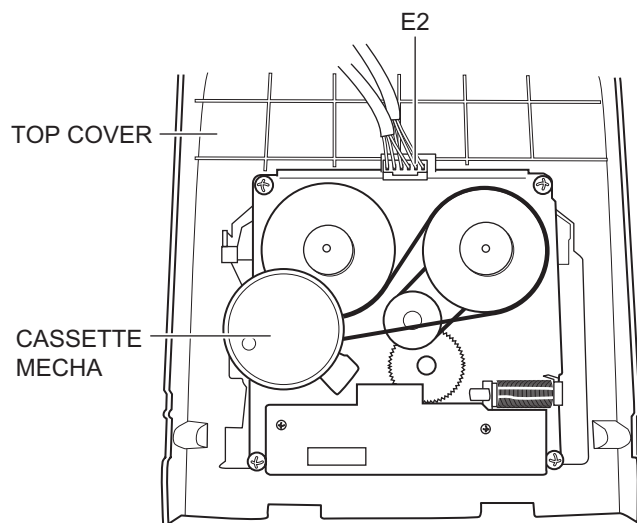


Fig.21

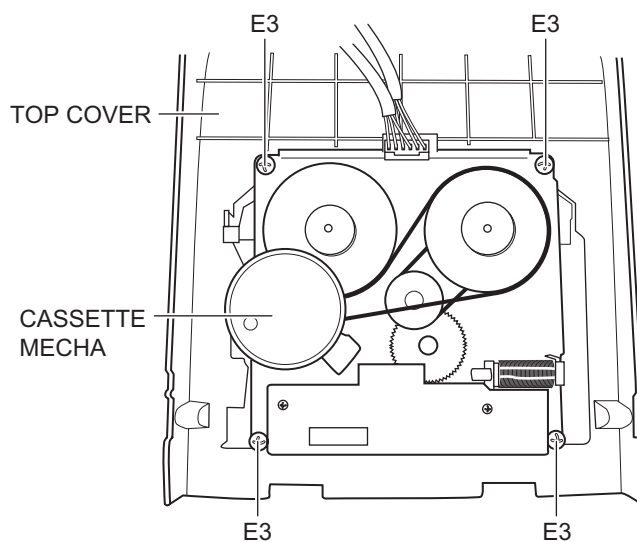


Fig.22

3.1.15 Removing the key board (See Fig.23)

- (1) Remove the eight screws **P** from the front cabinet and the key board.

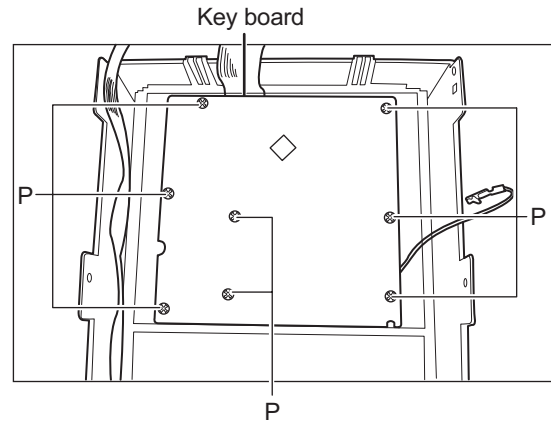


Fig.23

3.1.16 Removing the AUX board (See Fig.24)

- (1) Remove the two screws **Q** from the front cabinet and the aux board.

3.1.17 Removing the phones board (See Fig.24)

- (1) Remove the two screws **R** from the front cabinet and the phones board.

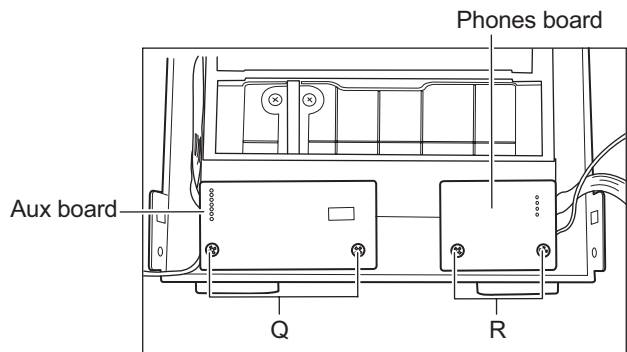


Fig.24

3.1.18 Removing the CD MECH COVER (See Fig.25, 26)

- (1) Remove the four screws **S**.

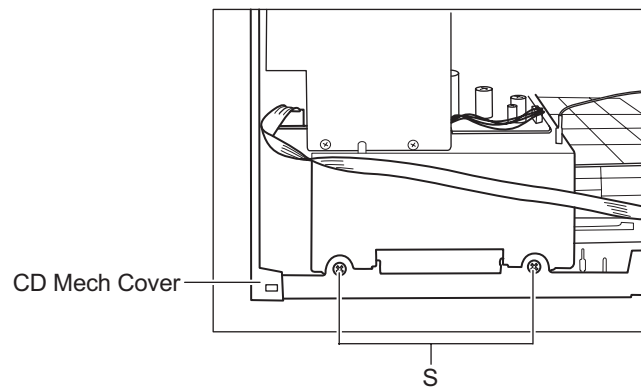


Fig.25

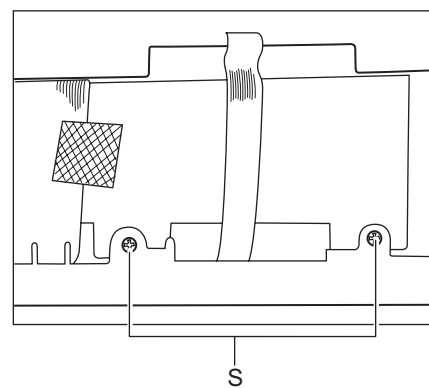


Fig.26

3.1.19 Removing the CD MECH Assembly (See Fig.27, 28)

- (1) Remove the two screws **T** from the CD MECH-**F** and CD MECHANISM assembly. (See Fig.27)
- (2) Remove the two screws **T** from the CD MECH-**B** and CD MECHANISM assembly. (See Fig.28)
- (3) Take out CD MECHANISM assembly from the CD MECH-**F** between the CD MECH-**B**.

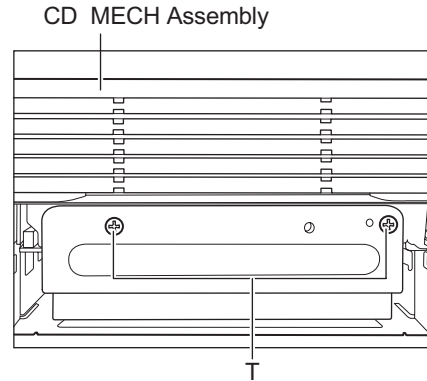


Fig.27

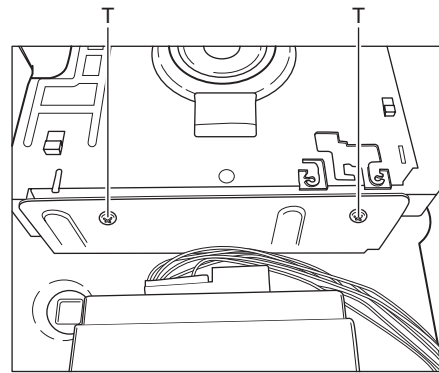


Fig.28

SECTION 4 ADJUSTMENT

4.1 Measuring instructions required for adjustment

- AM signal generator
- FM signal generator
- Inter mediate frequency sweep generator
- FM stereo signal generator
- Low-frequency oscillator (oscillation frequency 50 Hz - 20 kHz, 0 dB output with 600 Ω impedance)
- Attenuator (600 Ω impedance)
- Electronic voltmeter
- Distortion meter
- Torque gauge (cassette for CTG-N)
- Wow & flutter meter
- Frequency counter meter

4.2 Test tape

- Playback tape
VT712 (tape speed, wow flutter)
VT724 (reference level)
VT703L (head azimuth)
VT738 (frequency response)
- Recording tape
AC225 (type I)
- Power supply voltage
AC220V - 240V 50Hz

4.3 Measuring instruments

- Radio section
FM : 1 kHz, 22.5kHz deviation
FM stereo : 1 kHz, 67.5 kHz deviation, pilot signal 7.5 kHz
AM : 1 kHz, 30% modulation
Reference output : 0 dB (1 V) 4 Ω
Headphone output : -10 dB (0.1V) 32 Ω

4.4 Amplifier section

- Reference output : Speaker output 0 dB (1 V) / 4 Ω
Headphone output -10 dB (0.1 V) / 32 Ω

4.5 CD section

- Test disc : CTS-1000 (JVC)
TCD-731R (A-BEX)
TCD-712R (A-BEX)
TCD-785 (A-BEX)

4.6 Cassette amplifier section

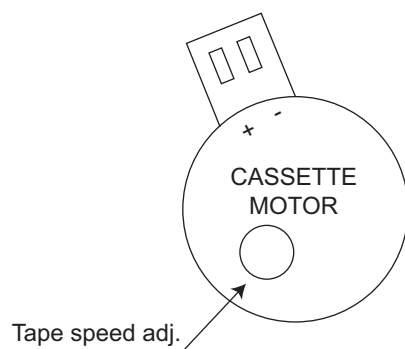
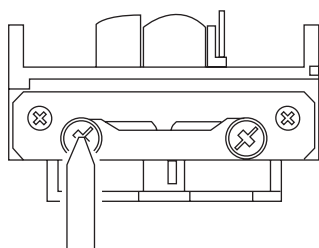
Item	Measuring condition	Check and adjustment procedure	Standard value	Adjusting part
Head azimuth adjustment	Test tape : VT703 Signal output terminal : PHONES (with 32 ohm load)	1.Plyback the test tape VT703. 2.Adjust the head azimuth adjusting screw so that the phase difference between the R and L channels is minimized at an output level that is within +/- 2dB of the maximum output level. After this adjustment, lock the head azimuth adjusting screw with screw sealant to cover more than a half of the screw head. 3.When the head azimuth is maladjusted, correct it with the head azimuth adjusting screw.	Output level : within +/-2dB of maximum output level Phase difference L and R channels: minimum	Head azimuth adjusting screw (to be used only after head replacement)
Tape speed and wow/flutter check and adjustment	Test tape : VT712 Signal output terminal : PHONES (with 32 ohm load)	1.Plyback the test tape VT712 by the end of position. 2.Connect a frequency counter and check that it reads between 2940 and 3090 Hz. If not, adjust the frequency with the motor semifixed resistor. 3.Check that the wow / flutter is 0.38% (unweighted).	2940 to 3090 Hz within 0.38% (unweighted)	Tape speed : motor semifixed resistor check only
PB frequency response check	Test tape : VT738 Signal output terminal : PHONES (with 32 ohm load)	Playback the test tape VT738 while confirming that deviation between the 1 kHz signal and 8 kHz signal should be 0 (+3 to -6) dB.	deviation between 1 kHz and 8 kHz : 0 (+3 to -6) dB.	
Bias frequency check	Test tape : normal Signal output terminal : Cassette R/P head	Set the TUNER or CD function and with TAPE to record. Check to see if the frequency at the measuring point (R335 or R336) is 60 kHz +/-1 kHz if not adjust T360 until the frequency counter indicates 60 kHz +/- 1 kHz.		L203
REC and PB frequency response adjustment	Test tape : AC225 Signal input : FM 22.5 dev, 60dBu with emphasis Signal output terminal : PHONES (with 32 ohm load)	At TUNER, set the BAND to the FM position, and record the reference 1 kHz signal and 8 kHz signal alternately repeatedly. While playing back the recorded signal differ from that of the 1 kHz signal by within 0 (+3 to 6) dB.	Level difference between REC and PB : within 0 (+3 to 6) dB	

4.7 Tuner section

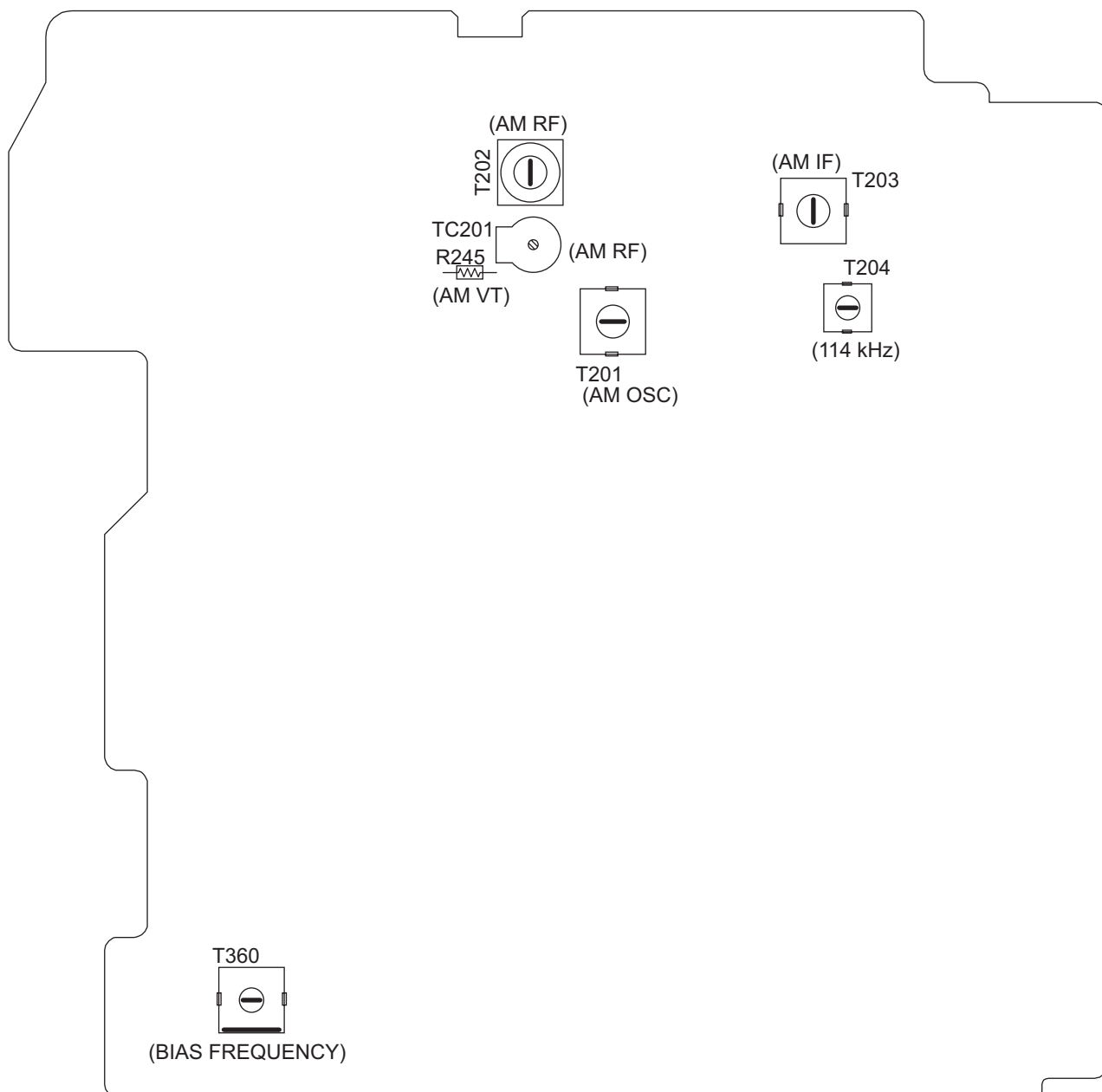
Item	Measuring condition	Check and adjustment procedure	Standard value	Adjusting part
AM IF adjustment	Signal input : Loop antenna Signal output : IC201 pin 18	1.Set the intermediate frequency sweep generator to AM 450 kHz. 2.Adjust the T203 from maximum and center output.		T203
AM tracking adjustment	Signal input : Loop antenna Signal output : PHONES (with 32 ohm load)	1.Set the TUNER at 522 kHz adjust T201 until the test pin of R245 voltage at 1.55 V +/- 0.1 V. 2.Set the TUNER at 1629 kHz, check the pin of R245 voltage at 8.4 V +/- 6V. 3.Set the TUNER and S/G at 612 kHz, adjust T202 for maximum output. 4.Set the TUNER and S/G at 1404 kHz, adjust T201 for maximum output. 5.Repeat the above step 3 and 4.		T201 R245 TC201
Tuner 114 kHz filter the waves adjustment	Signal input : IC101 pin 19 Signal output : IC101 pin 18	1.Set the unit in standby mode. Input 114 kHz signal to IC101 pin 19. 2.Adjust the T204 for output voltage minimum.		T204

4.8 Location of adjusting parts

Cassette mechanism section



Main board assembly



SECTION 5

TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.



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(No.MB431)



Printed in Japan
VPT

JVC

SCHEMATIC DIAGRAMS

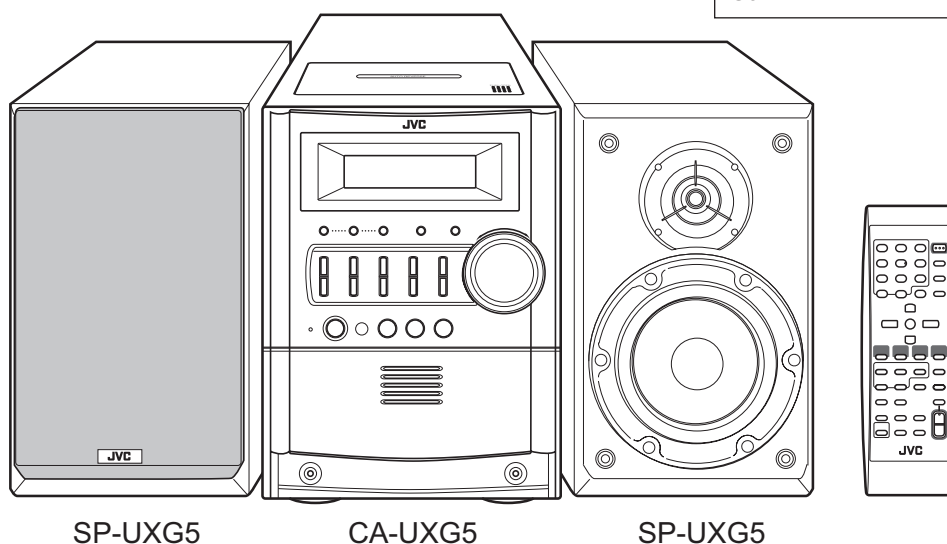
MICRO COMPONENT SYSTEM

UX-G5

CD-ROM No.SML200508

Area suffix

A	-----	Australia
US	-----	Singapore
UP	-----	Korea
UT	-----	Taiwan
UW	-----	Brazil, Mexico, Peru
UY	-----	Argentina
UJ	-----	U.S.Military



COMPACT
disc
DIGITAL AUDIO

MP3
PLAYBACK

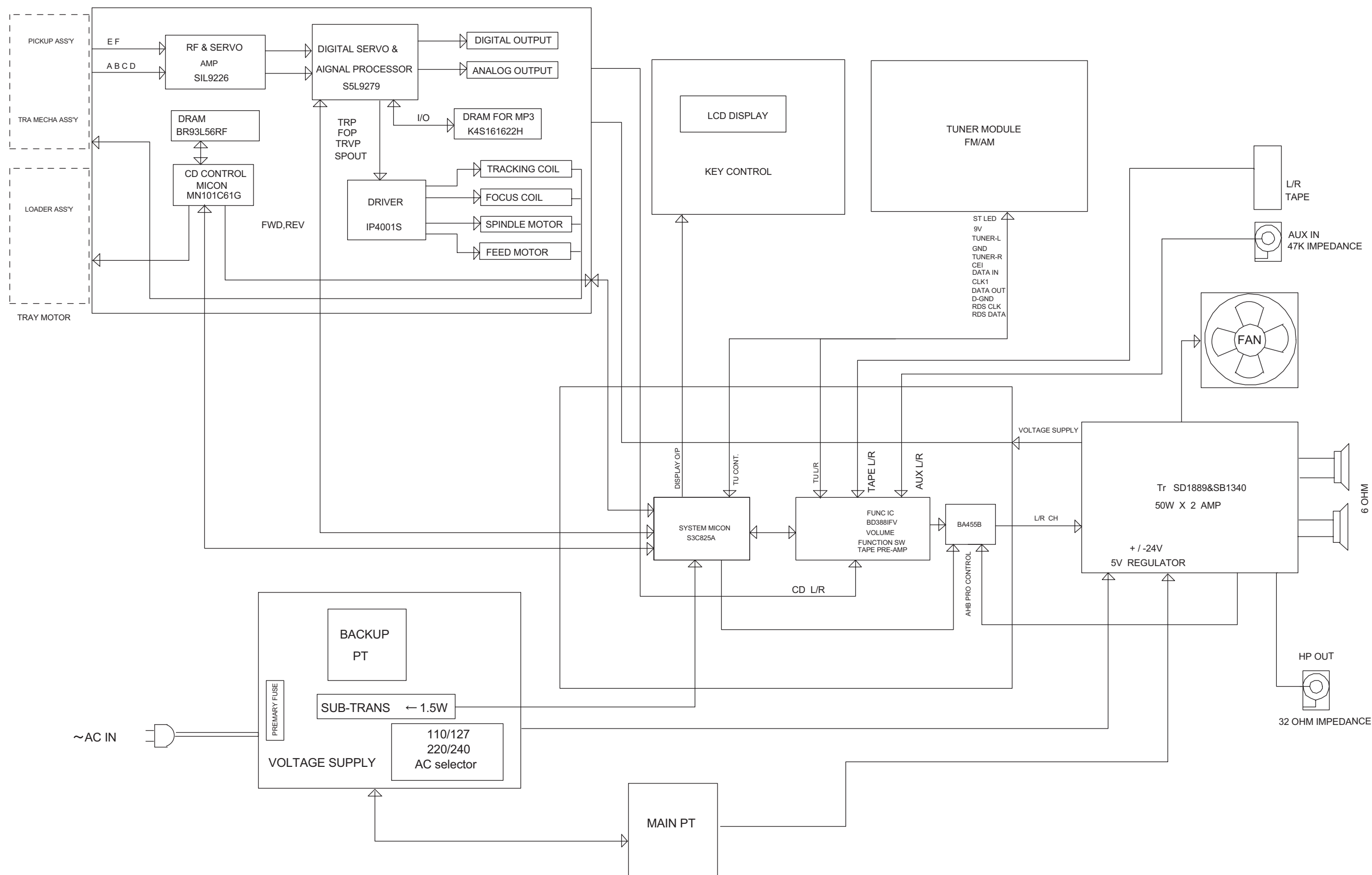
Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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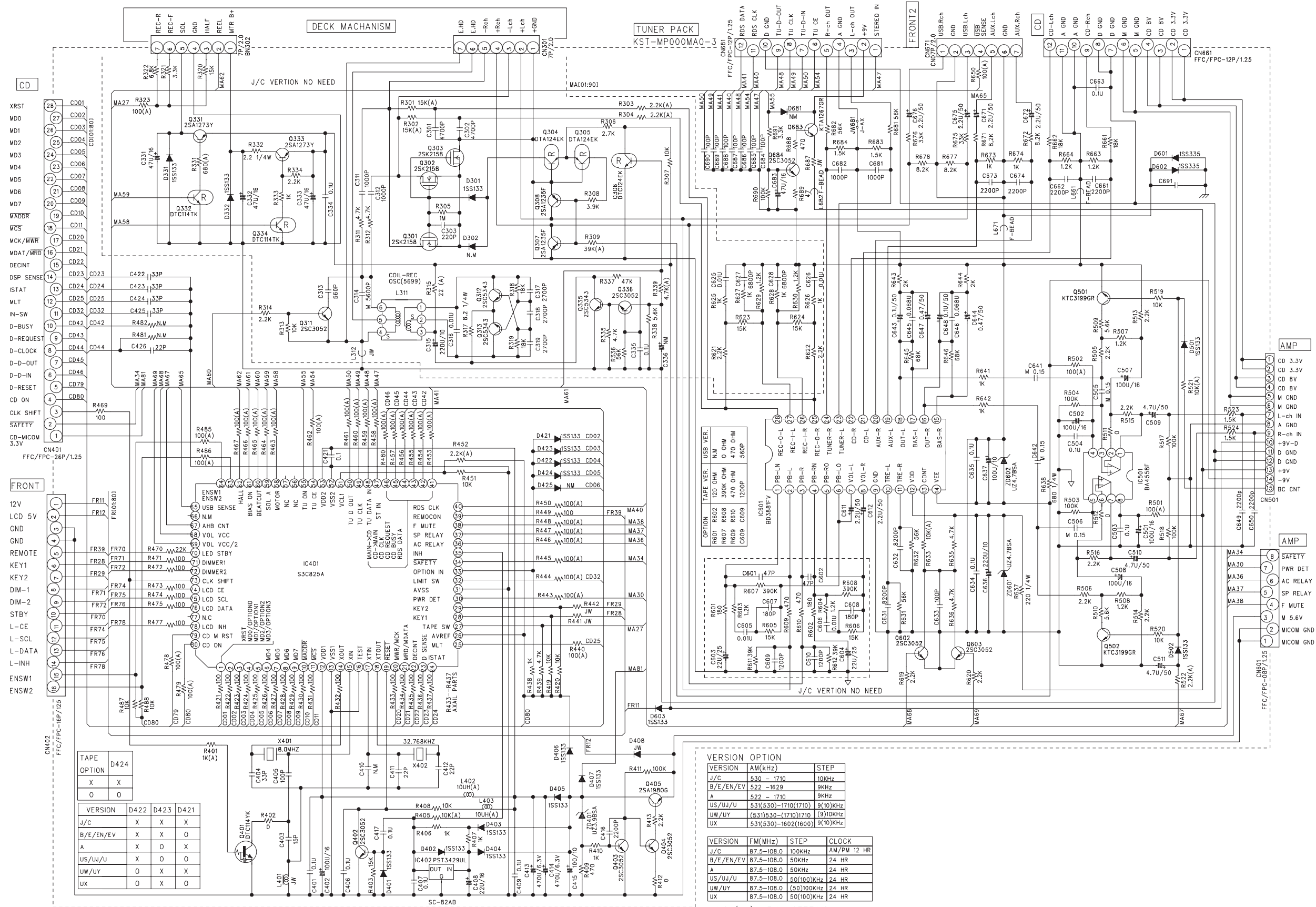
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Block diagram

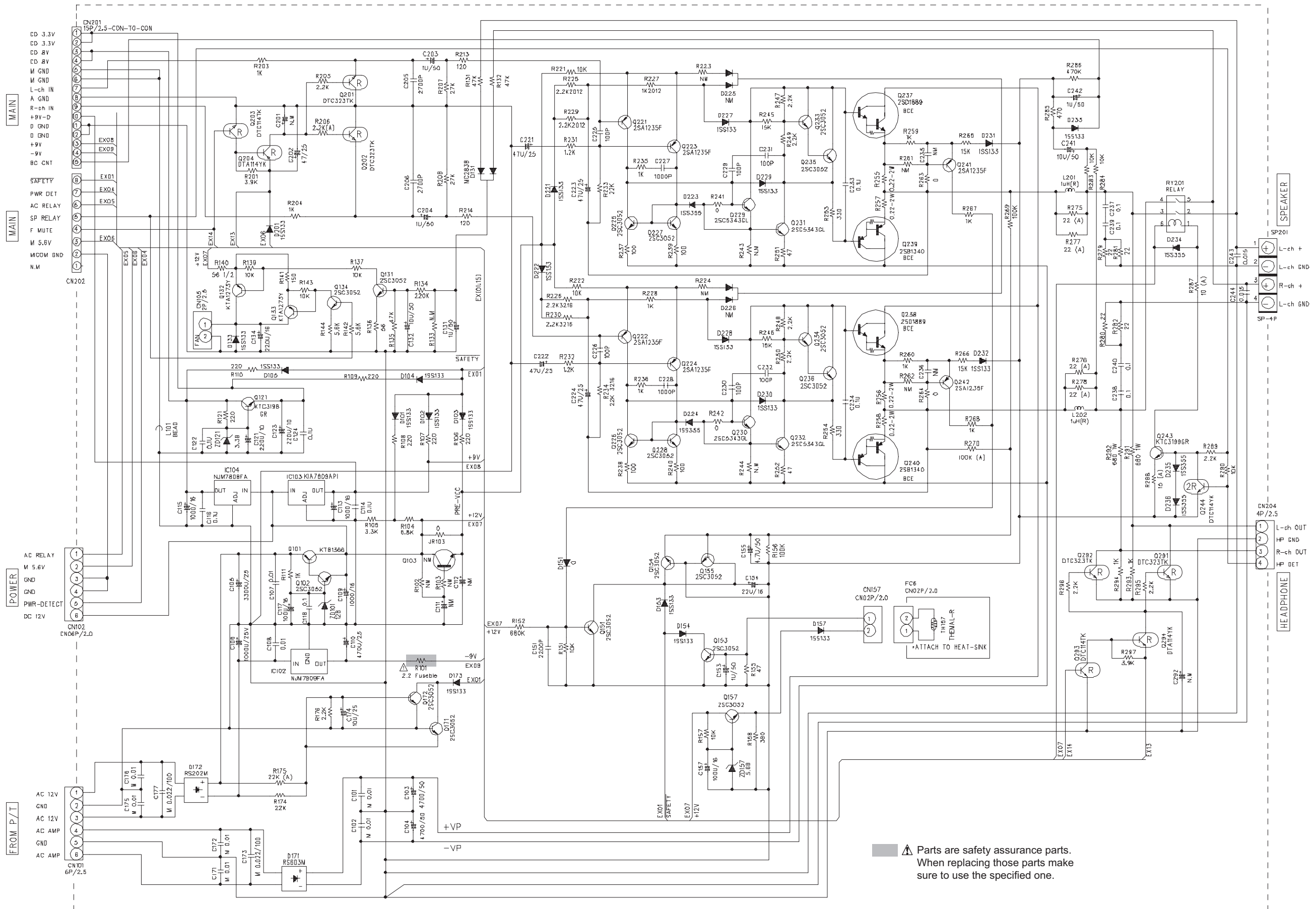


Standard schematic diagrams

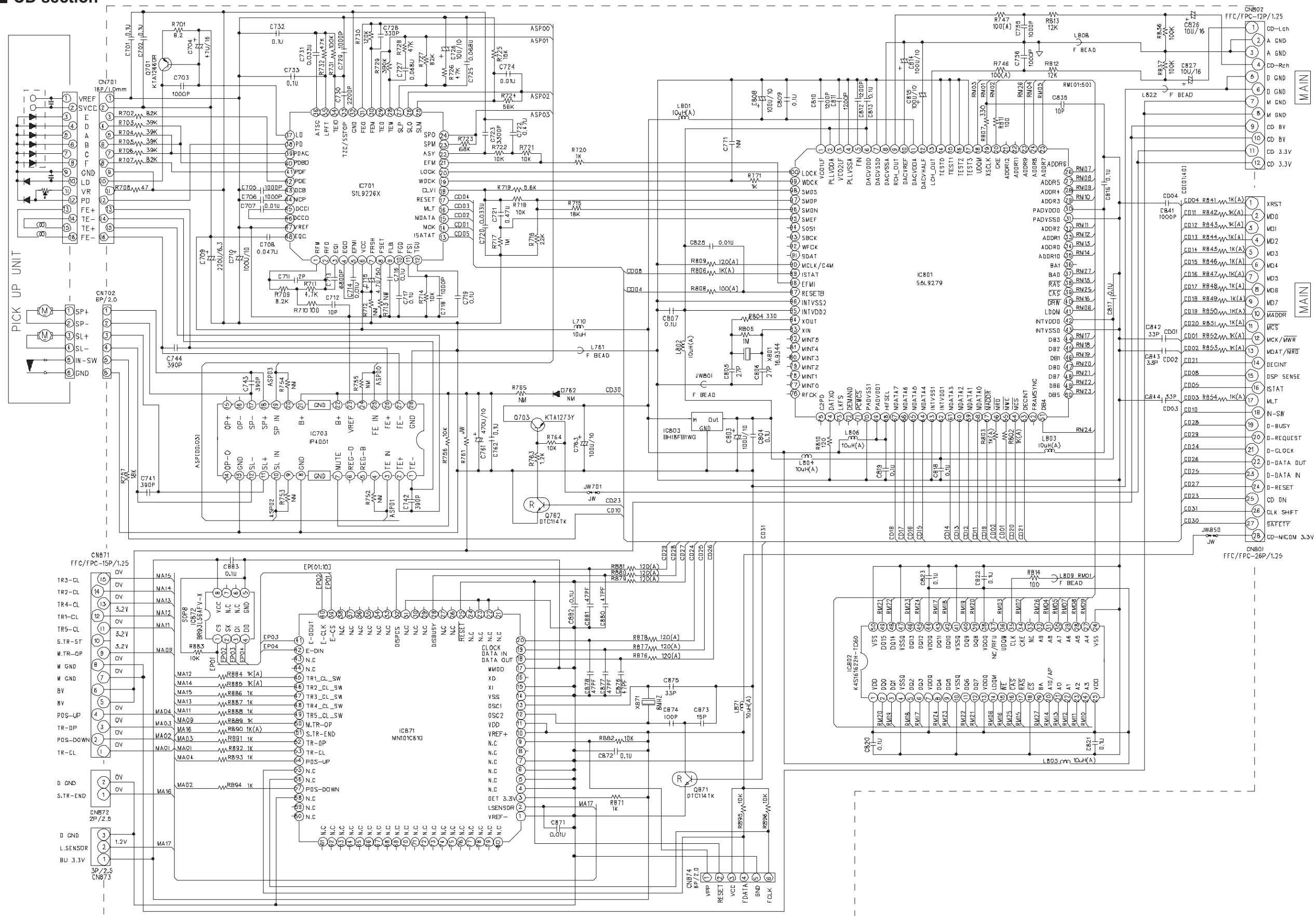
■ Main section



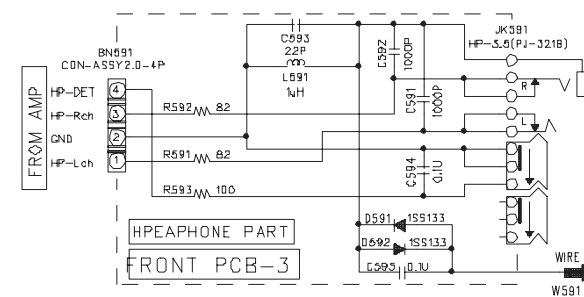
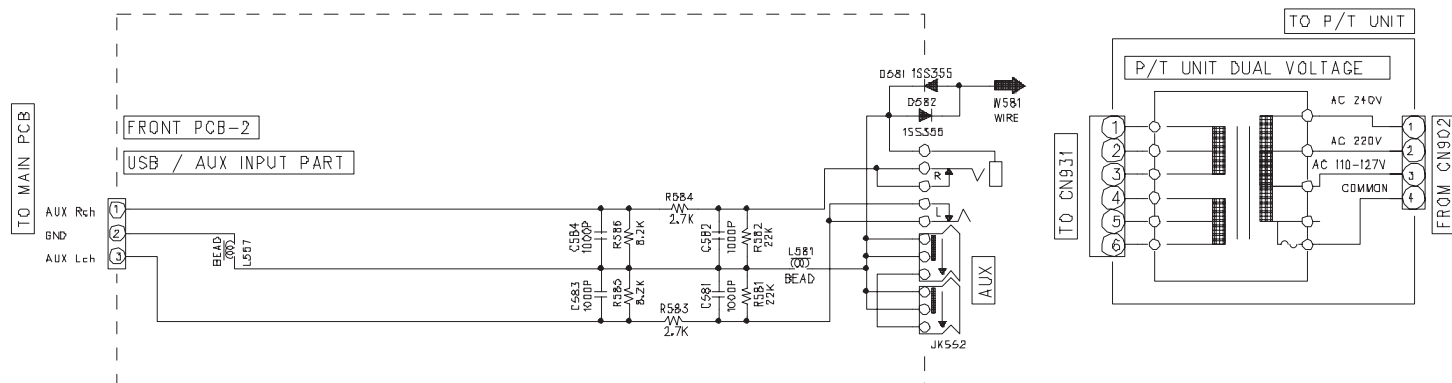
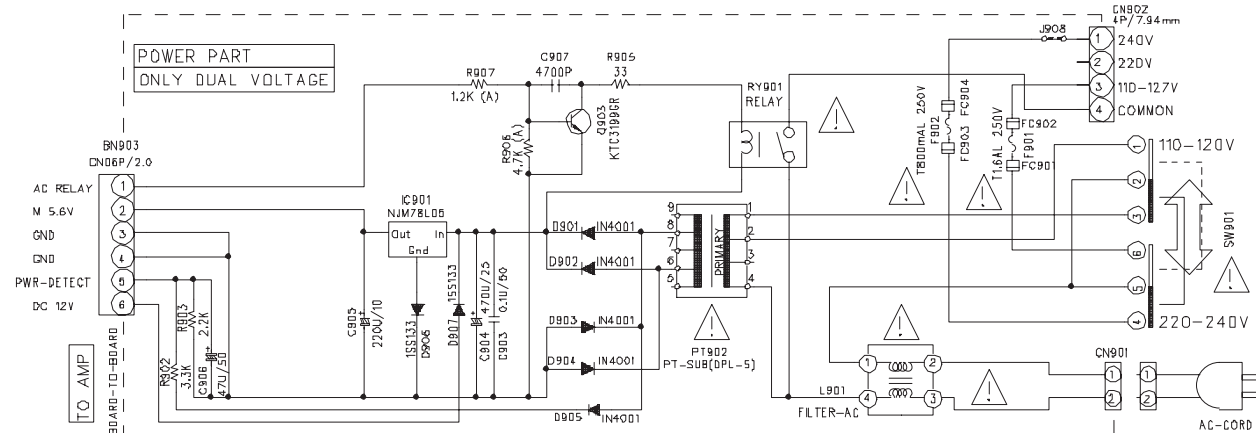
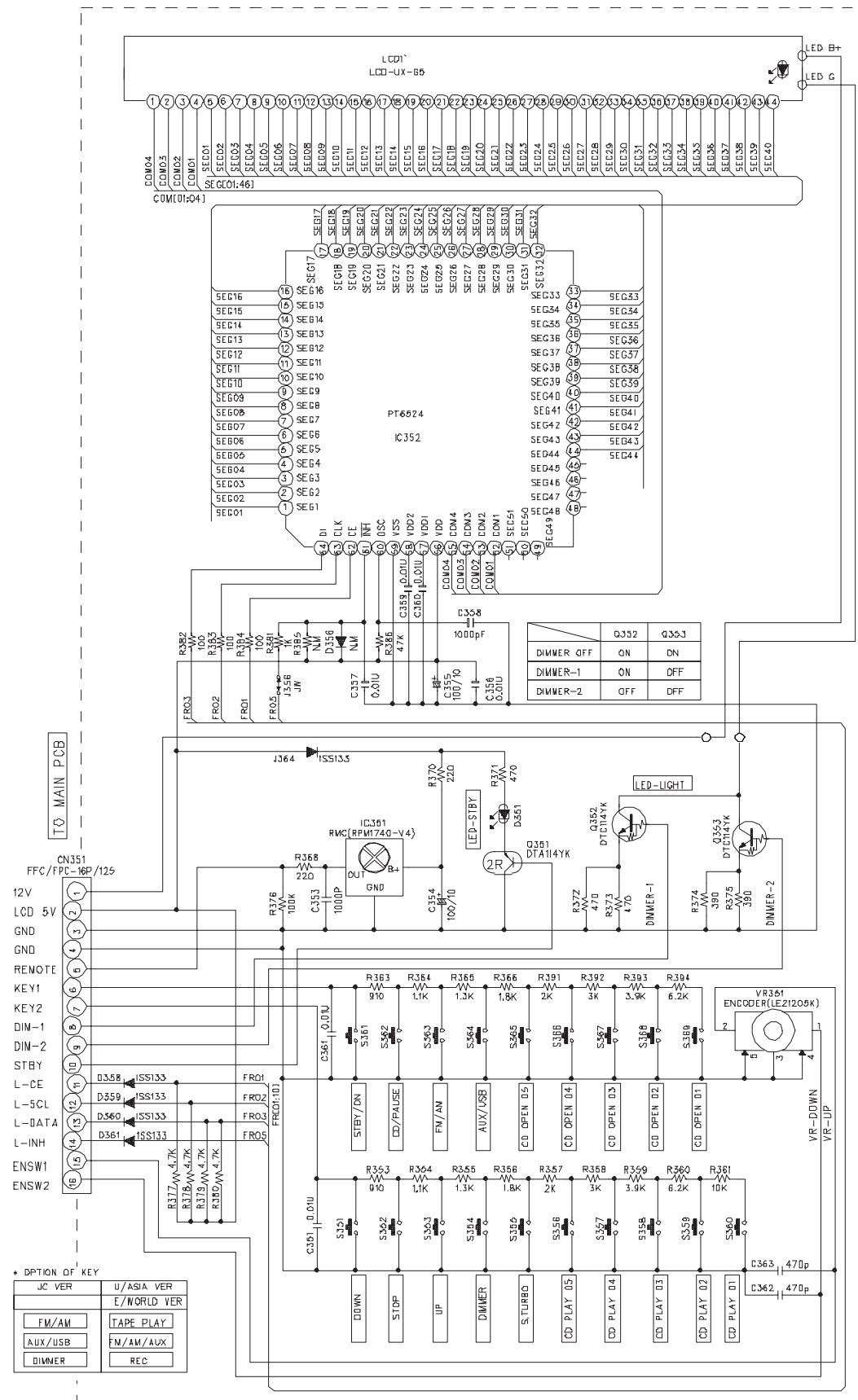
■ Amp section



■ **CD section**



■ FL & Primary section



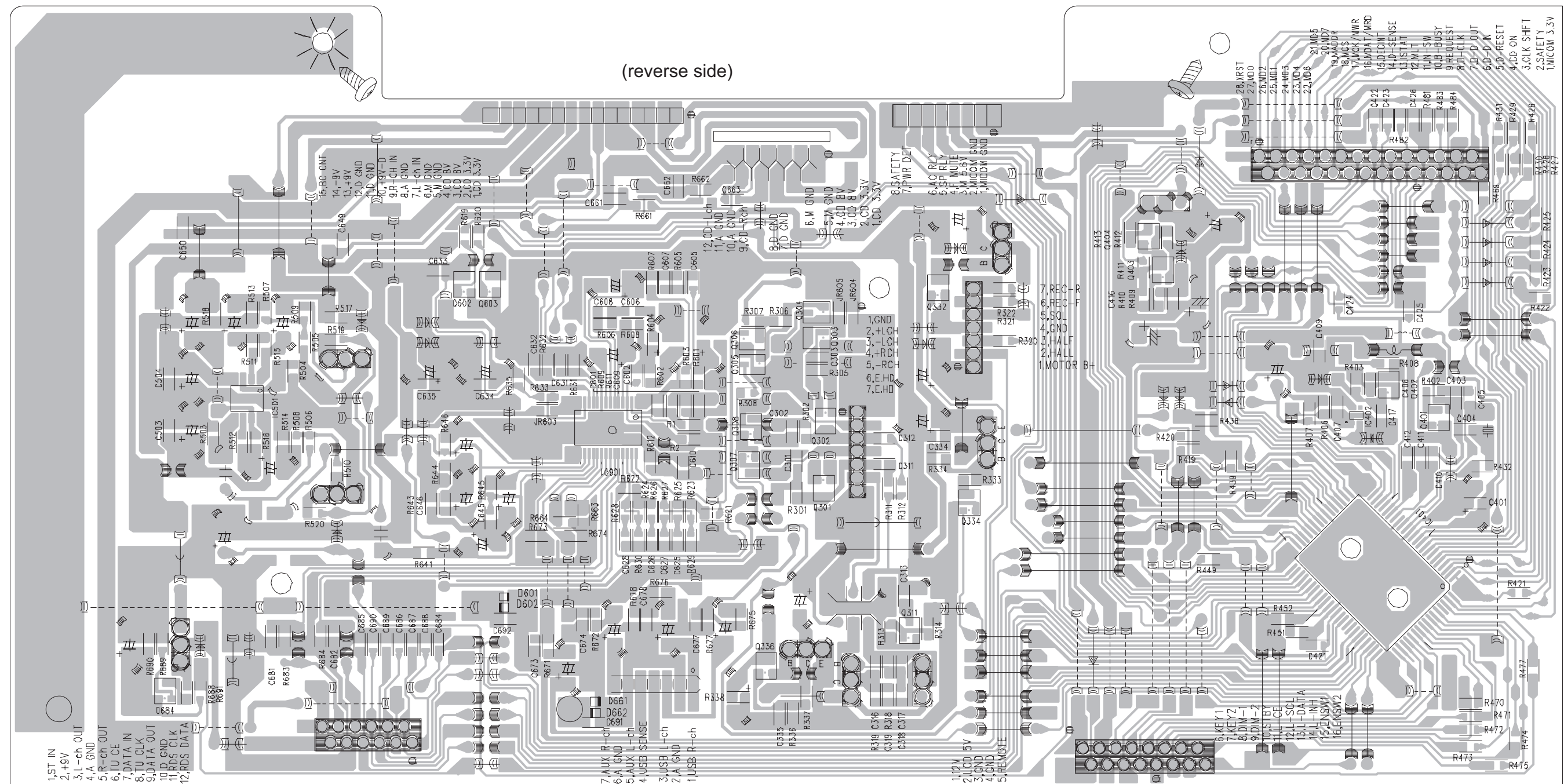
 Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

Main board	Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)
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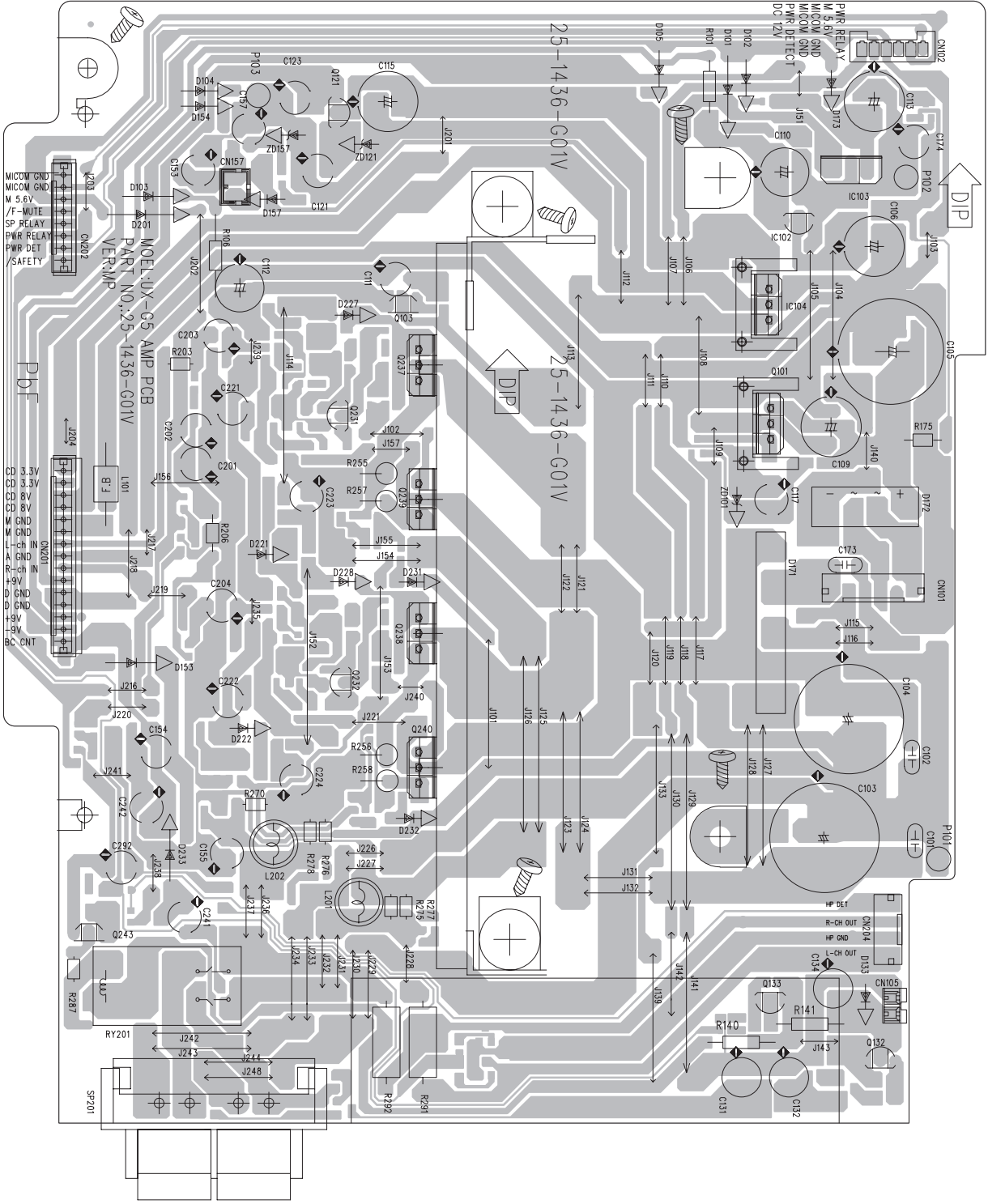
■ **Main board**

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

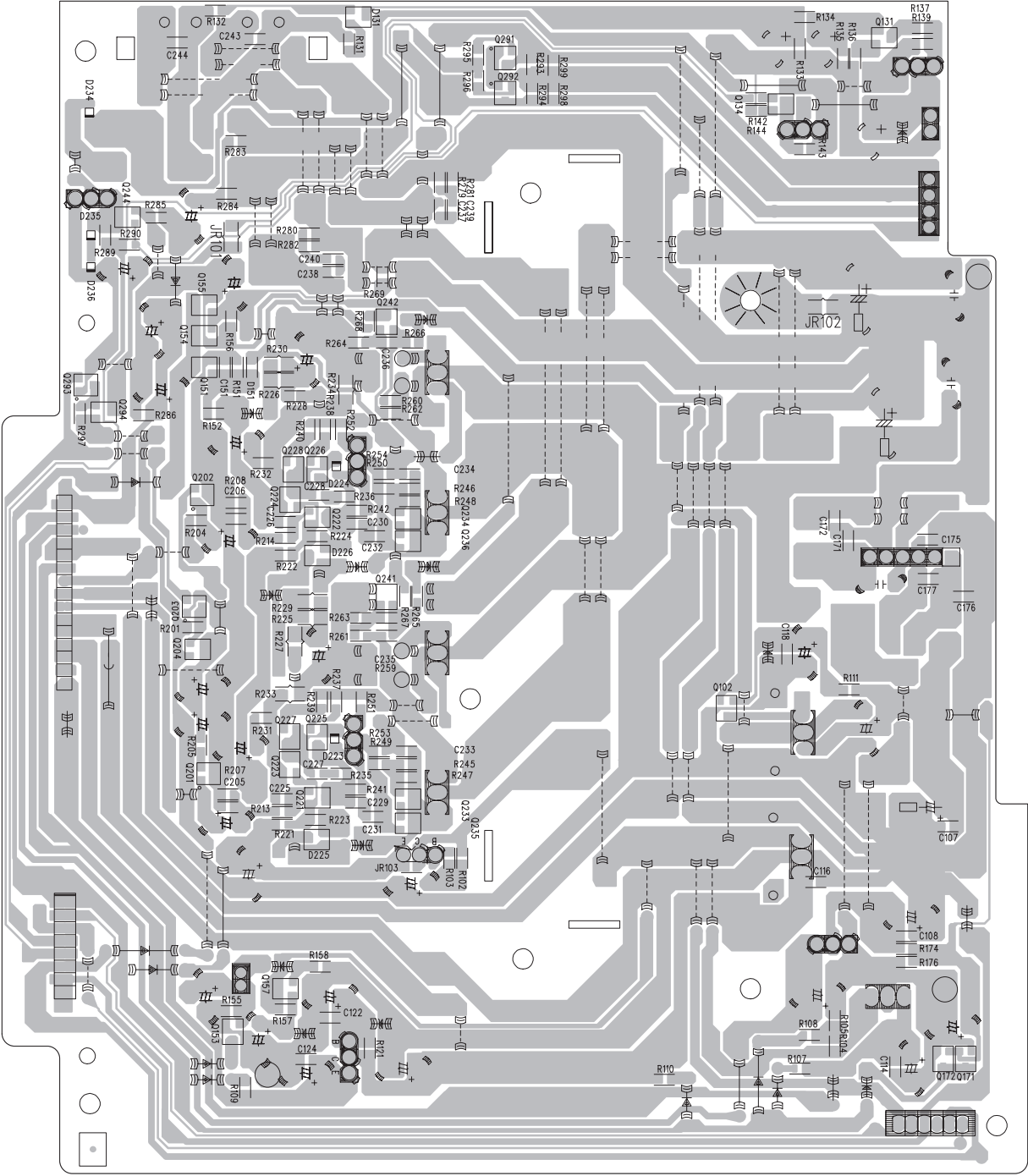


Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(forward side)

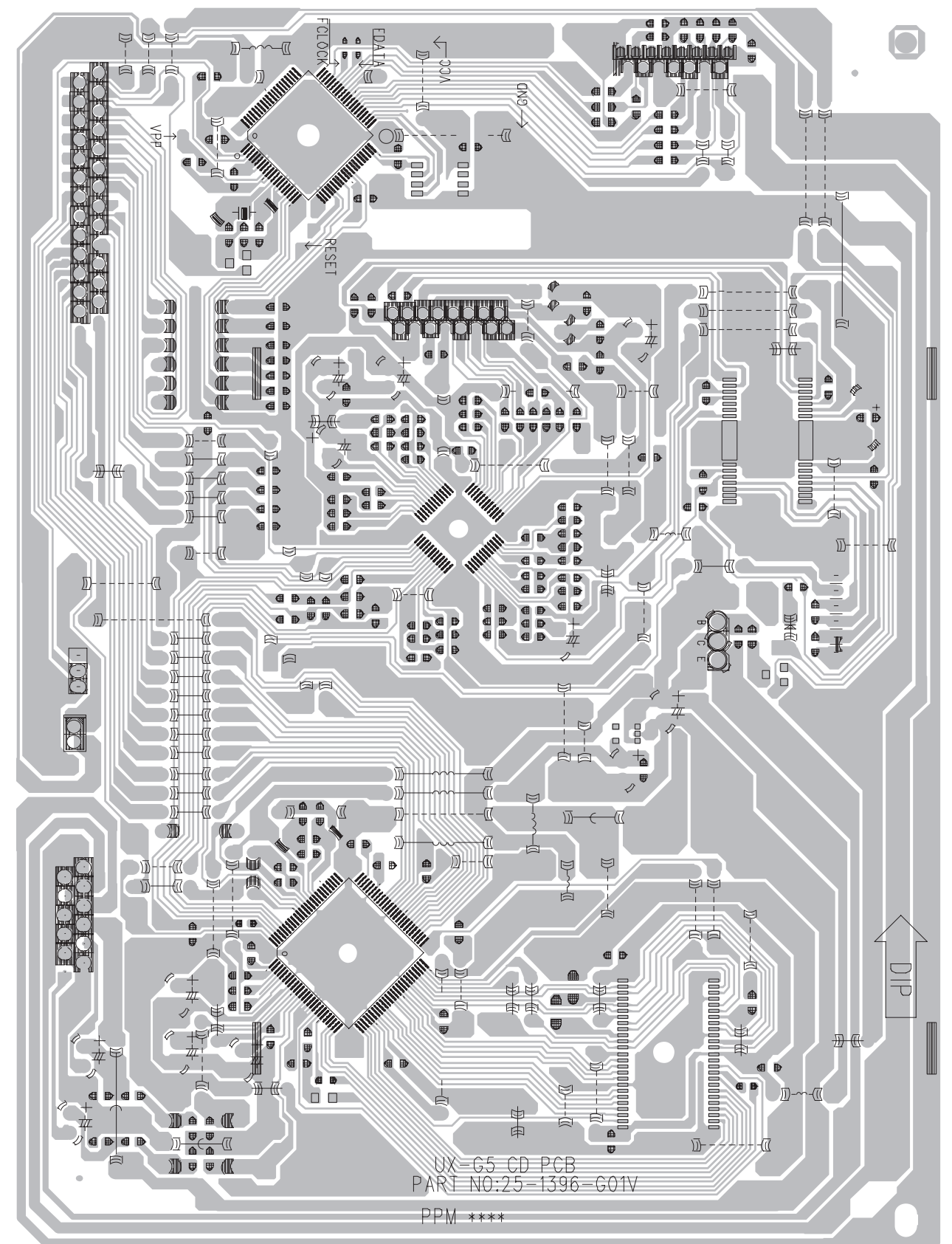


(reverse side)



Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

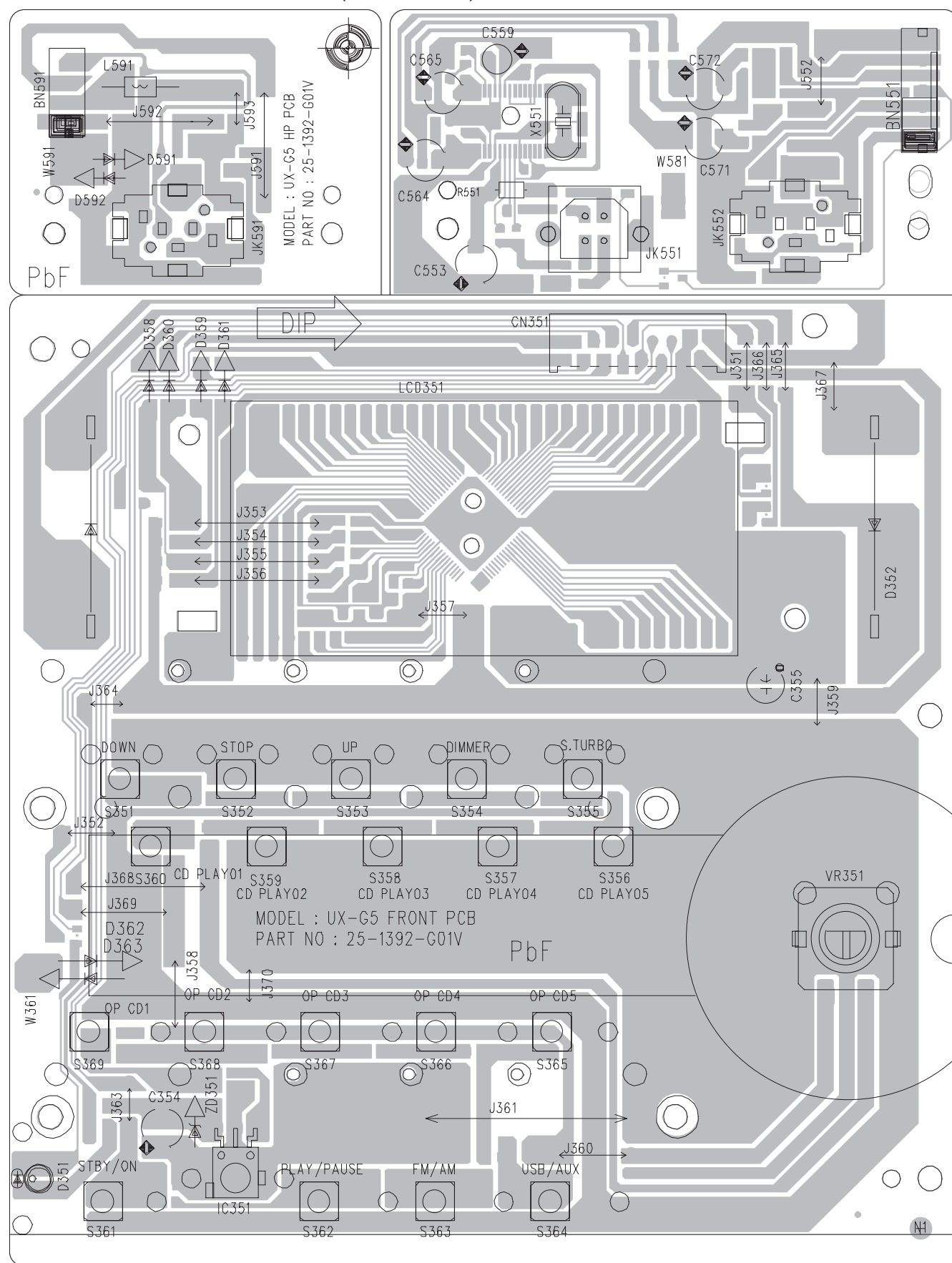
(reverse side)



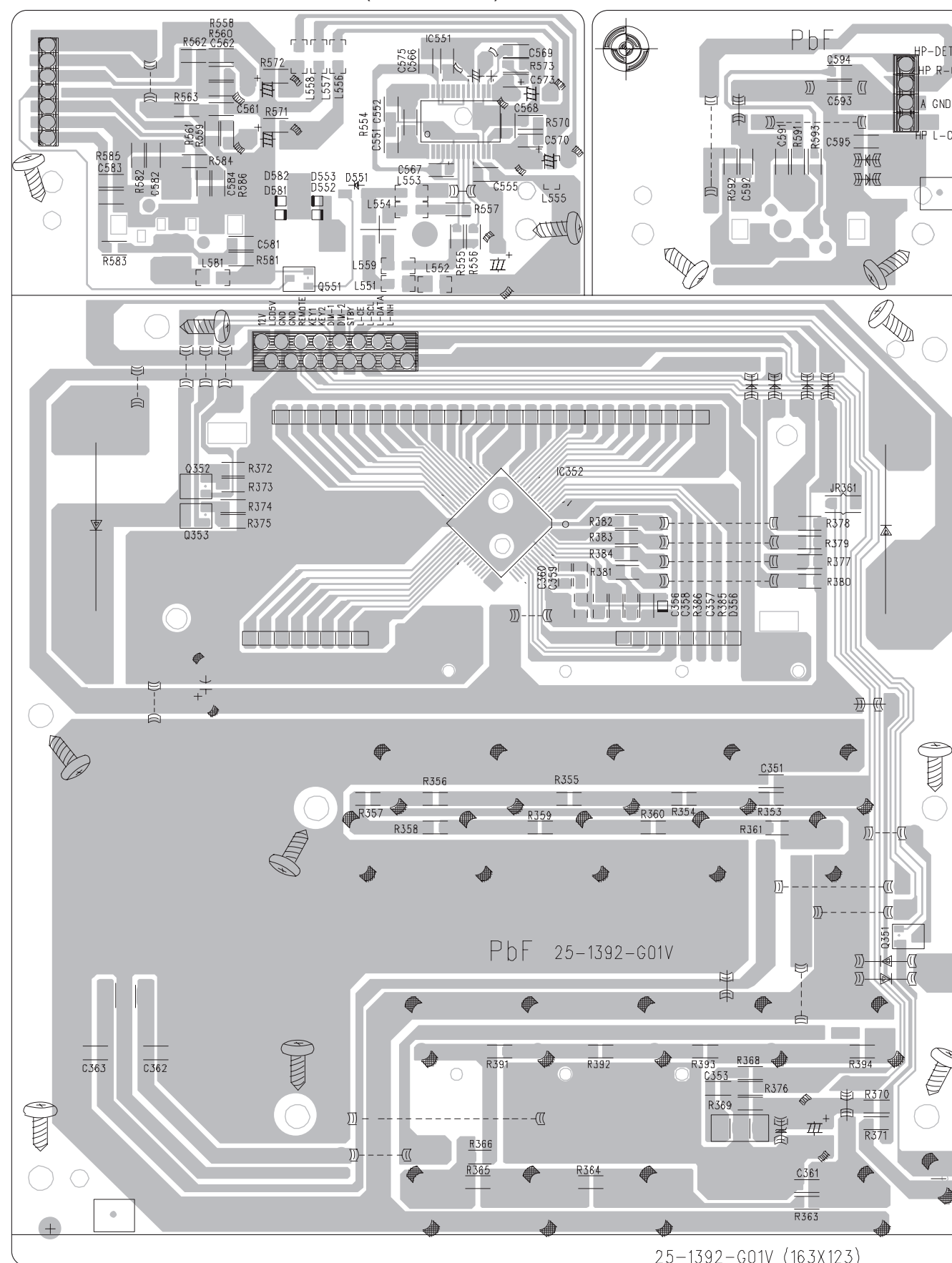
■ **Front board**

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(forward side)

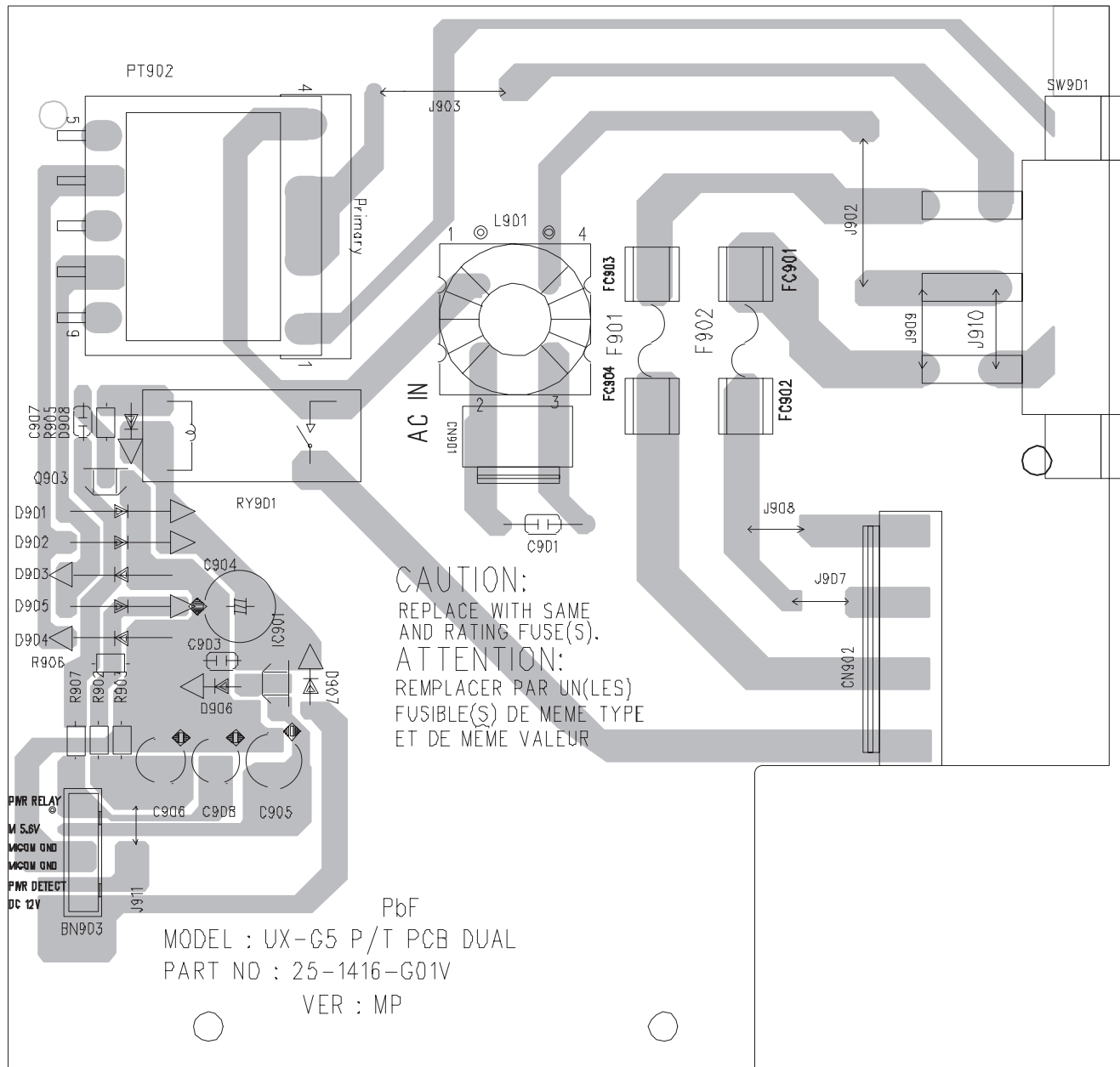


(reverse side)



■ Trans board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)





Victor Company of Japan, Limited

AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1, 1chome, Ohwatari-machi, Maebashi-city, 371-8543, Japan

(No.MB431SCH)



Printed in Japan
VPT

PARTS LIST

[UX-G5]

* All printed circuit boards and its assemblies are not available as service parts.

Area suffix

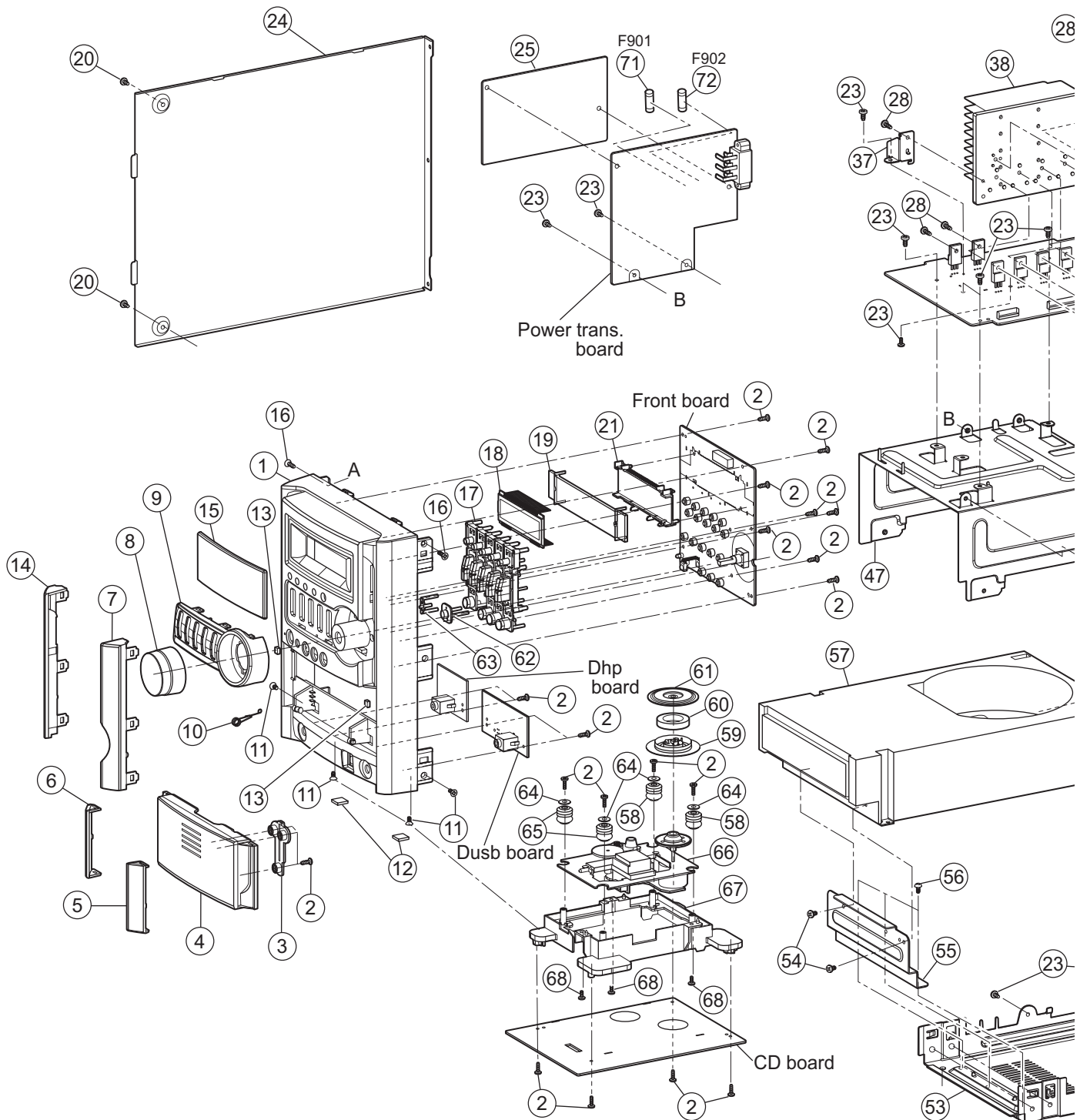
A	-----	Australia
US	-----	Singapore
UP	-----	Korea
UT	-----	Taiwan
UW	-----	Brazil, Mexico, Peru
UY	-----	Argentina
UJ	-----	U.S.Military

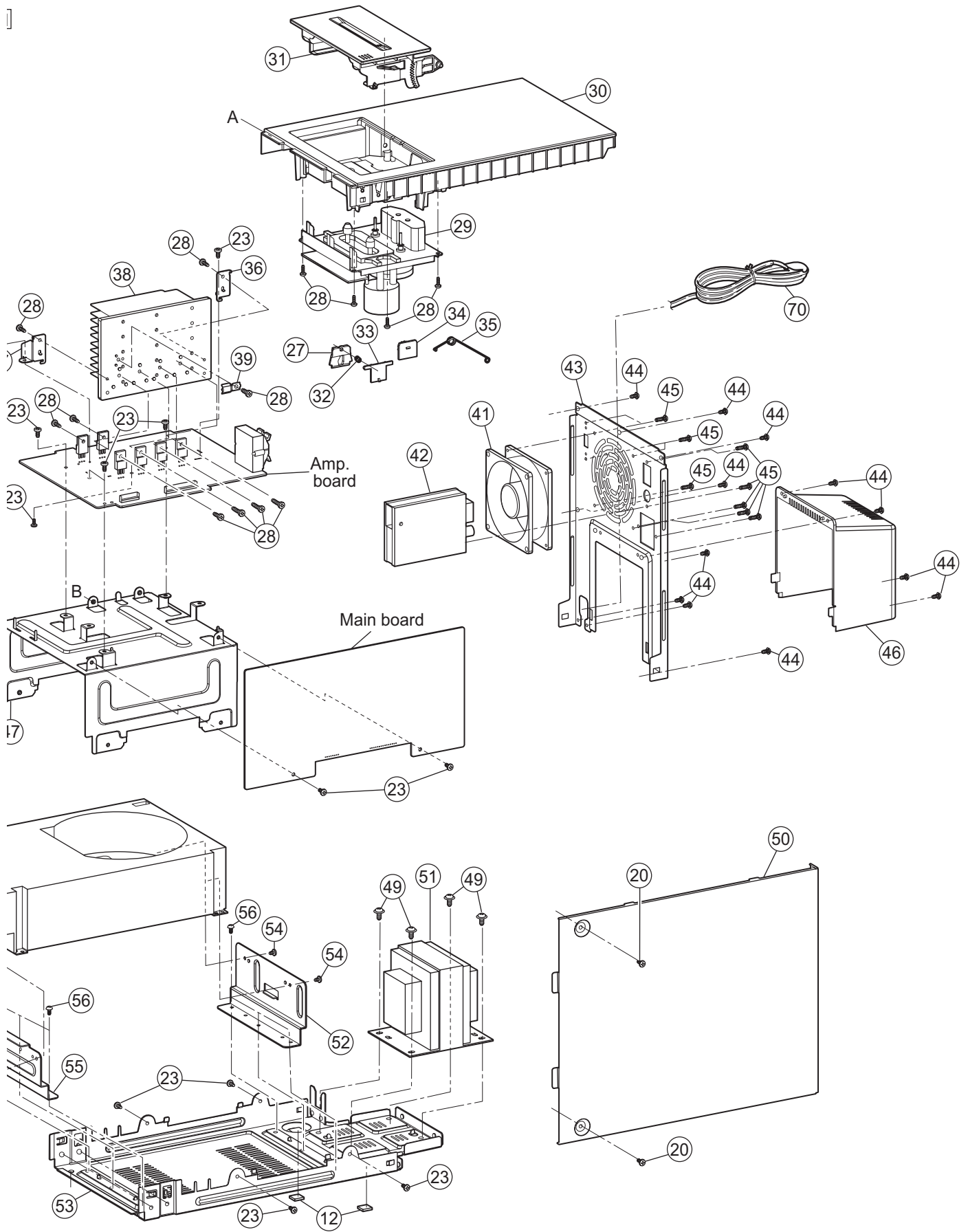
- Contents -

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CD mechanism assembly and parts list (Block No.MB)	3- 5
Electrical parts list (Block No.01~06)	3- 7
Packing materials and accessories parts list (Block No.M3)	3-14

Exploded view of general assembly and parts list

Block No. M 1 M M





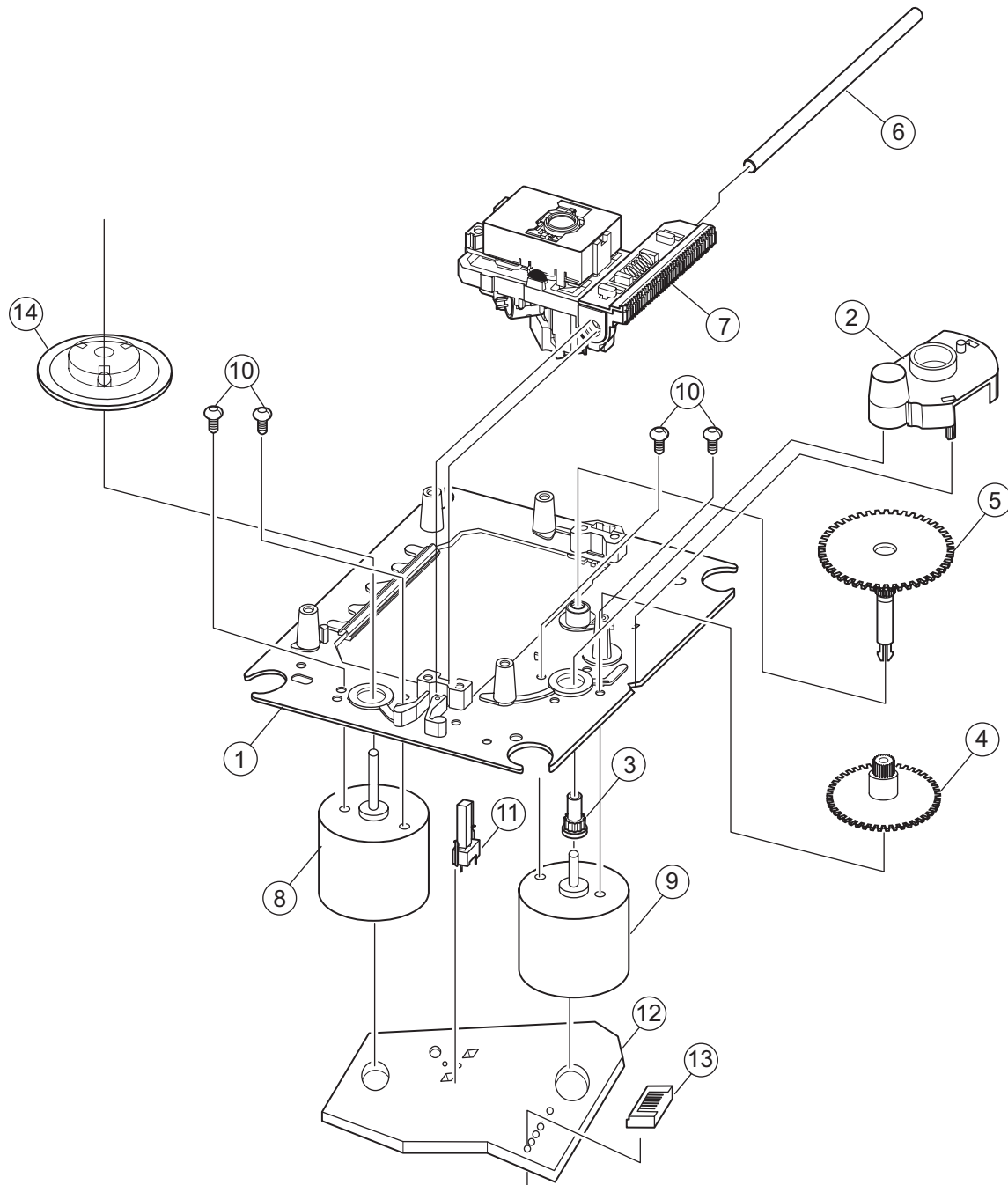
General Assembly

Block No. [M][1][M][M]

△	Symbol No.	Part No.	Part Name	Description	Local
	1	BI1080670302V1	FRONT CABINET	NO USB	
	2	BIBT000418	SCREW	2.6 XL8(x23)	
	3	BI1081770101X1	SLIDE BLOCK		
	4	BI1080690201V1	CD DOOR		
	5	BI1080770101V1	BOTTOM LENS R		
	6	BI1080780101V1	BOTTOM LENS L		
	7	BI1080750101V1	TOP LENS R		
	8	BI1080800101V1	VOLUME KNOB	ABS-T700 94HB	
	9	BI1080820101V1	KEY PANEL		
	10	BI202904010101	CD DOOR SPRING		
	11	BIKT000606B3	SCREW	3xL6(x4)	
	12	BI302197010101	RUBBER FOOT	(x4)	
	13	BI302193010101	CD DOOR RUBBER	(x2)	
	14	BI1080760101V1	TOP LENS L		
	15	BI1080720301V1	WINDOW LENS		
	16	BIKT000606	SCREW	(x2)	
	17	BI1080810201V1	FUNCTION KEY		
	18	BI2702191V	LCD	LCD1 TCM-4217	
	19	CM04115	LED	D352 BI680FSG505L	
	20	BIKT000608B1W	SCREW	3xL8(x4)	
	21	BI1080840101V1	LCD HOLDER		
	23	BIBT000604S3	SCREW	(x15)	
	24	BI2028960101X2	LEFT PLATE		
	25	BI3022090102X1	PC PLATE		
	27	BI1098410101V1	LOCK HLDR		
	28	BIKT000611B3	SCREW	3 X L8 B-TYPE(x13)	
	29	BI250101001000	CASSETTE MECH		
	30	BI1080680102V1	TOP COVER	CASSETTE	
	31	BI1080710101V1	CASSETTE DOOR		
	32	BI202408010101	SPRING LOCKER		
	33	BI1098400101V1	CASS LOCK LEVER		
	34	BI300924010101	DAMPER		
	35	BI202905010101	CASSETTE SPRING		
	36	BI2029350101W1	HEATSINK BKT B		
	37	BI2029340101W1	HEATSINK BKT F		
	38	BI202903010201	HEATSINK		
	39	BI2029330101X2	HEAT RESISTOR BKT		
	41	BT2400241V	DC FAN	DC12V	
	42	BI225094901VV	TUNER PACK		
	43	BI2028950202X2	REAR PLATE		
	44	BIRM000603S3	SCREW	3 X L6 S-TYPE(x12)	
	45	BIRT000617B3	SCREW	3 X L10 B-TYPE(x10)	
	46	BI1080790101V1	TRANS COVER		
	47	BI2029000101X2	CD MECH COVER		
	49	BIPMW001101S3	SCREW	4.0XL6 METAL(x4)	
	50	BI2028970101X2	RIGHT PLATE		
△	51	BI211011136001	POWER TRANS		
	52	BI2028990101X2	CD MECH BKT		
	53	BI2028940101X2	BOTTOM PLATE		
	54	BIRT000603P3	SCREW	(x4)	
	55	BI2028980101X2	CD MECH HOLDER		
	56	BIRT000604S3	SCREW	RT 3X6(x6)	
	57	BI251051000300V	5CD CHANGER		
	58	BI301942010101	CUSHION RUBBER	(x2)	
	59	BI1081030101V1	CD CHUCK		
	60	BI202930010101	CD MAGNET		
	61	BI2029060101X2	CD CHUCK PLATE		
	62	BI1080740101V1	LENS		
	63	BI1080730101V1	POWER LENS		
	64	BI300856010101	WASHER	(x4)	
	65	BI301943010101	CUSHION RUBBER	(x2)	
	66	BI251011003200V	CD MECHANISM		
	67	BI1080830101V1	CD MECH HOLDER		
	68	BIBT000405S3	SCREW	(x3)	
△	70	BI1401661V	POWER CORD		A
△	70	BI1401471V	POWER CORD		UP
△	70	BI1401551V	POWER CORD		UT
△	70	BI1401741X	POWER CORD		UJ,US,UW
△	70	BI1401521V	POWER CORD		UY
△	71	BI402891	FUSE	F901 1.6A 250V	
△	72	BI402861X	FUSE	F902 800mA 250V	

CD mechanism assembly and parts list

Block No. M B M M



The parts without symbol number are not service.

CD mechanism

Block No. [M][B][M][M]

	Symbol No.	Part No.	Part Name	Description	Local
	1	BIAJ7000601E	CHASSIS		
	2	BIAJ6600601G	GEAR COVER		
	3	BIAJ6600601D	GEAR	A	
	4	BIAJ6600601B	GEAR	B	
	5	BIAJ6600601F	GEAR	C	
	6	BIAJ7000601A	SHAFT		
	7	BISOHAAN	PICK UP		
	8	BIAJ3100601B	SPINDLE MOTOR		
	9	BIAJ3100601A	FEED MOTOR		
	10	BIAJ6000601D	SCREW	M2XL3(x4)	
	11	BI3409000174	LEAF SWITCH		
	12	BIAJ4100601E	SUB PCB		
	13	BIAJ3700601A	CONNECTOR		
	14	BIAJ7500601K	TURN TABLE		

Electrical parts list

Main board

Block No. [0][1]

△ Symbol No.	Part No.	Part Name	Description	Local
IC401	S3C825A	IC	BI118131	
IC402	PST3429UL	IC	BI117161	
IC501	BA4558F	IC	BI103952	
IC601	BD3881FV	IC	BI112721V	
Q301	2SK2158	F.E.T	BI2SK2158A015V1	
Q302	2SK2158	F.E.T	BI2SK2158A015V1	
Q303	2SK2158	F.E.T	BI2SK2158A015V1	
Q304	DTA124EK	DIGI TRANSISTOR	BI2DTA124EKA008	
Q306	DTC124EKA	DIGI TRANSISTOR	BI2DTC124EKA018	
Q307	2SA1235F	TRANSISTOR	BI2SA1235FA012H	
Q308	2SA1235F	TRANSISTOR	BI2SA1235FA012H	
Q311	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q312	2SC5343	TRANSISTOR	BI2SC5343GP0000	
Q313	2SC5343	TRANSISTOR	BI2SC5343GP0000	
Q331	KTA1273Y	TRANSISTOR	BI2KTA1273YP000	
Q332	DTC114TK	DIGI TRANSISTOR	BI2DTC114TKA011	
Q333	KTA1273Y	TRANSISTOR	BI2KTA1273YP000	
Q334	DTC114TK	DIGI TRANSISTOR	BI2DTC114TKA011	
Q335	2SC5343	TRANSISTOR	BI2SC5343GP0000	
Q336	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q401	DTC114YK	DIGI TRANSISTOR	BI2DTC114YKA018	
Q402	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q403	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q404	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q404	DTA124EK	DIGI TRANSISTOR	BI2DTA124EKA008	
Q405	2SA1980	TRANSISTOR	BI2SA1980GP0000	
Q501	KTC3199GR	TRANSISTOR	BI2KTC3199GP000	
Q502	KTC3199GR	TRANSISTOR	BI2KTC3199GP000	
Q602	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q603	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q683	KTA1267GR	TRANSISTOR	BI2KTA1267GP00	
Q684	2SC3052	TRANSISTOR	BI2SC3052FA013H	
D301	1SS133	FR DIODE	BI31SS133M000V7	
D331	1SS133	FR DIODE	BI31SS133M000V7	
D332	1SS133	FR DIODE	BI31SS133M000V7	
D401	1SS133	FR DIODE	BI31SS133M000V7	
D402	1SS133	FR DIODE	BI31SS133M000V7	
D403	1SS133	FR DIODE	BI31SS133M000V7	
D404	1SS133	FR DIODE	BI31SS133M000V7	
D405	1SS133	FR DIODE	BI31SS133M000V7	
D406	1SS133	FR DIODE	BI31SS133M000V7	
D407	1SS133	FR DIODE	BI31SS133M000V7	
D421	1SS133	FR DIODE	BI31SS133M000V7	
D423	1SS133	FR DIODE	BI31SS133M000V7	
D424	1SS133	FR DIODE	BI31SS133M000V7	
D501	1SS133	FR DIODE	BI31SS133M000V7	
D502	1SS133	FR DIODE	BI31SS133M000V7	
D601	ISS355	DIODE	BI31SS355A0077	
D602	ISS355	DIODE	BI31SS355A0077	
D603	1SS133	FR DIODE	BI31SS133M000V7	
C301	BICC472500KA04	C CAPACITOR	4700pF 50V	
C302	BICC472500KA04	C CAPACITOR	4700pF 50V	
C303	BICC221500JA04	C CAPACITOR	220pF 50V	
C311	BICC102500KA04	C CAPACITOR	1000pF 50V	
C312	BICC102500KA04	C CAPACITOR	1000pF 50V	
C313	BICC561500JA04	C CAPACITOR	560P 50V	
C314	BICM562101KP01	M CAPACITOR	5600pF 100V	
C315	BICE227100MP01	E CAPACITOR	220uF 10V	
C316	BICC103500KA04	C CAPACITOR	0.01uF 50V	
C317	BICC272500KA04	C CAPACITOR	2700pF	
C318	BICC272500KA04	C CAPACITOR	2700pF	
C319	BICC272500KA04	C CAPACITOR	2700pF	
C331	BICE476160MP01	E CAPACITOR	47uF 16V	
C332	BICE476160MP01	E CAPACITOR	47uF 16V	
C333	BICE476160MP01	E CAPACITOR	47uF 16V	
C334	BICC104500KA04	C CAPACITOR	0.1uF 50V	
C335	BICC104500KA04	C CAPACITOR	0.1uF 50V	
C336	BICE227160MP01	E CAPACITOR	220uF 16V	
C401	BICC104500ZA04	C CAPACITOR	0.1uF 50V	

△ Symbol No.	Part No.	Part Name	Description	Local
C402	BICE107160MP01	E CAPACITOR	100uF 16V	
C403	BICC150500JA04	C CAPACITOR	15pF 50V	
C404	BICC330500JA04	C CAPACITOR	33pF 50V	
C405	BICC101500JA04	C CAPACITOR	100pF 50V	
C406	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C407	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C408	BICE226160MP01	E CAPACITOR	22uF 16V	
C409	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C411	BICC220500JA04	C CAPACITOR	22pF 50V	
C412	BICC220500JA04	C CAPACITOR	22pF 50V	
C413	BICE477063MP01	E CAPACITOR	470uF 6.3V	
C414	BICE477063MP01	E CAPACITOR	470uF 6.3V	
C415	BICE107100MP01	E CAPACITOR	100uF 10V	
C416	BICC222500KA04	C CAPACITOR	2200pF 50V	
C417	BICC104500KA04	C CAPACITOR	0.1uF 50V	
C418	BICC105100ZA04	C CAPACITOR	1uF 10V	
C421	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C422	BICC330500JA04	C CAPACITOR	33pF 50V	
C423	BICC330500JA04	C CAPACITOR	33pF 50V	
C424	BICC330500JA04	C CAPACITOR	33pF 50V	
C425	BICC330500JA04	C CAPACITOR	33pF 50V	
C426	BICC220500JA04	C CAPACITOR	22pF 50V	
C501	BICE107160MP01	E CAPACITOR	100uF 16V	
C502	BICE107160MP01	E CAPACITOR	100uF 16V	
C503	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C504	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C505	BICM124101KP01	M CAPACITOR	0.12uF 100V	
C506	BICM124101KP01	M CAPACITOR	0.12uF 100V	
C507	BICE107160MP01	E CAPACITOR	100uF 16V	
C508	BICE107160MP01	E CAPACITOR	100uF 16V	
C509	BICE475500MP01	E CAPACITOR	4.7uF 50V	
C510	BICE475500MP01	E CAPACITOR	4.7uF 50V	
C511	BICE475500MP01	E CAPACITOR	4.7uF 50V	
C601	BICC470500JA04	C CAPACITOR	47pF 50V	
C602	BICC470500JA04	C CAPACITOR	47pF 50V	
C603	BICE226160MP01	E CAPACITOR	22uF 16V	
C604	BICE226160MP01	E CAPACITOR	22uF 16V	
C605	BICC103500KA04	C CAPACITOR	0.01uF 50V	
C606	BICC103500KA04	C CAPACITOR	0.01uF 50V	
C607	BICC181500JA04	C CAPACITOR	180pF	
C608	BICC181500JA04	C CAPACITOR	180pF	
C609	BICC122500KA04	C CAPACITOR	1200pF 50V	
C610	BICC122500KA04	C CAPACITOR	1200pF 50V	
C611	BICE225500MP01	E CAPACITOR	2.2uF 50V	
C612	BICE225500MP01	E CAPACITOR	2.2uF 50V	
C625	BICC103500KA04	C CAPACITOR	0.01uF 50V	
C626	BICC103500KA04	C CAPACITOR	0.01uF 50V	
C627	BICC682500KA04	C CAPACITOR	6800pF 50V	
C628	BICC682500KA04	C CAPACITOR	6800pF 50V	
C631	BICC822500KA04	C CAPACITOR	8200pF 50V	
C632	BICC822500KA04	C CAPACITOR	8200pF 50V	
C633	BICC101500JA04	C CAPACITOR	100pF 50V	
C634	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C635	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C636	BICE227100MP01	E CAPACITOR	220uF 10V	
C637	BICE107100MP01	E CAPACITOR	100uF 10V	
C641	BICM124101KP01	M CAPACITOR	0.12uF 100V	
C642	BICM124101KP01	M CAPACITOR	0.12uF 100V	
C643	BICE104500MP01	E CAPACITOR	0.1uF 50V	
C644	BICE474500MP01	E CAPACITOR	0.47uF 50V	
C645	BICC683160KA04	C CAPACITOR	0.068uF 16V	
C646	BICC683160KA04	C CAPACITOR	0.068uF 16V	
C647	BICE474500MP01	E CAPACITOR	0.47uF 50V	
C648	BICE104500MP01	E CAPACITOR	0.1uF 50V	
C649	BICC221500JA04	C CAPACITOR	220pF 50V	
C650	BICC221500JA04	C CAPACITOR	220pF 50V	
C661	BICC222500KA04	C CAPACITOR	2200pF 50V	
C662	BICC222500KA04	C CAPACITOR	2200pF 50V	
C663	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C671	BICE225500MP01	E CAPACITOR	2.2uF 50V	
C672	BICE225500MP01	E CAPACITOR	2.2uF 50V	
C673	BICC222500KA04	C CAPACITOR	2200pF 50V	
C674	BICC222500KA04	C CAPACITOR	2200pF 50V	
C679	BICE227160MP11	E CAPACITOR	220uF 16V	
C681	BICC102500KA04	C CAPACITOR	1000pF 50V	
C682	BICC102500KA04	C CAPACITOR	1000pF 50V	

△ Symbol No.	Part No.	Part Name	Description	Local
C683	BICE476160MP01	E CAPACITOR	47uF 16V	
C684	BICC101500JA04	C CAPACITOR	100pF 50V	
C685	BICC101500JA04	C CAPACITOR	100pF 50V	
C686	BICC101500JA04	C CAPACITOR	100pF 50V	
C689	BICC101500JA04	C CAPACITOR	100pF 50V	
C690	BICC101500JA04	C CAPACITOR	100pF 50V	
R301	BIRC1530105A00	C RESISTOR	15KΩ 1/10W	
R302	BIRC1530105A00	C RESISTOR	15KΩ 1/10W	
R303	BIRC2220085M00	C RESISTOR	2.2KΩ 1/8W	
R304	BIRC2220085M00	C RESISTOR	2.2KΩ 1/8W	
R305	BIRC1050105A00	C RESISTOR	1MΩ 1/10W	
R306	BIRC2720105A00	C RESISTOR	2.7KΩ	
R307	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R308	BIRC3920105A00	C RESISTOR	3.9KΩ 1/10W	
R309	BIRC3930085M00	C RESISTOR	39KΩ	
R311	BIRC4720105A00	C RESISTOR	4.7KΩ 1/10W	
R312	BIRC4720105A00	C RESISTOR	4.7KΩ 1/10W	
R313	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R314	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R315	BIRC2200085N00	C RESISTOR	22Ω	
R317	BIRC0820045M00	C RESISTOR	8.2Ω	
R318	BIRC1830105A00	C RESISTOR	18KΩ 1/10W	
R319	BIRC1830105A00	C RESISTOR	18KΩ 1/10W	
R320	BIRC1530105A00	C RESISTOR	15KΩ 1/10W	
R321	BIRC3320105A00	C RESISTOR	3.3KΩ 1/10W	
R322	BIRC6820105A00	C RESISTOR	6.8KΩ 1/10W	
R323	BIRC1010085N00	C RESISTOR	100Ω 1/8W	
R331	BIRC6810085M00	C RESISTOR	680Ω	
R332	BIRC0220045M00	C RESISTOR	2.2Ω	
R333	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R334	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R335	BIRC4720085M00	C RESISTOR	4.7KΩ 1/8W J C	
R336	BIRC5630105A00	C RESISTOR	56KΩ 1/10W	
R337	BIRC4730105A00	C RESISTOR	47KΩ 1/10W	
R338	BIRC5620105A00	C RESISTOR	5.6KΩ 1/10W	
R339	BIRC4720085M00	C RESISTOR	4.7KΩ 1/8W J C	
R401	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	
R402	BIRC0000105A00	C RESISTOR	0Ω	
R403	BIRC1530105A00	C RESISTOR	15KΩ 1/10W	
R405	BIRC1030085N00	C RESISTOR	10KΩ	
R406	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R407	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R408	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R409	BIRC4710105A00	C RESISTOR	470Ω 1/10W	
R410	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R411	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
R412	BIRC0000105A00	C RESISTOR	0Ω	
R413	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R418	BIRC2230105A00	C RESISTOR	22KΩ 1/10W	
R419	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R420	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R421	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R422	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R423	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R424	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R425	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R426	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R427	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R428	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R429	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R430	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R431	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R432	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R433	BIRC1010085N00	C RESISTOR	100Ω 1/8W	
R434	BIRC1010085N00	C RESISTOR	100Ω 1/8W	
R435	BIRC1010085N00	C RESISTOR	100Ω 1/8W	
R436	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R437	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R438	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R439	BIRC4720105A00	C RESISTOR	4.7KΩ 1/10W	
R440	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R443	BIRC1010085N00	C RESISTOR	100Ω 1/8W	
R444	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R445	BIRC1010085N00	C RESISTOR	100Ω 1/8W	
R446	BIRC1010085N00	C RESISTOR	100Ω 1/8W	
R447	BIRC1010085N00	C RESISTOR	100Ω 1/8W	
R448	BIRC1010085N00	C RESISTOR	100Ω 1/8W	

△ Symbol No.	Part No.	Part Name	Description	Local
R449	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R451	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R452	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R454	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R455	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R456	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R457	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R458	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R459	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R460	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R461	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R462	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R463	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R464	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R465	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R466	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R467	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R469	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R470	BIRC2230105A00	C RESISTOR	22KΩ 1/10W	
R471	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R472	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R473	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R474	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R475	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R477	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
R478	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R479	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R480	BIRC1010085N00	C RESISTOR	100Ω 1/8W	
R485	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R486	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R487	BIRC1030085N00	C RESISTOR	10KΩ	
R488	BIRC1030085N00	C RESISTOR	10KΩ	
R501	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R502	BIRC1010085M00	C RESISTOR	100Ω 1/8W J	
R503	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
R504	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
R505	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R506	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R507	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
R508	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
R509	BIRC5620105A00	C RESISTOR	5.6KΩ 1/10W	
R510	BIRC5620105A00	C RESISTOR	5.6KΩ 1/10W	
R511	BIRC0000105A00	C RESISTOR	0Ω	
R512	BIRC0000105A00	C RESISTOR	0Ω	
R513	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R514	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R515	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R516	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R517	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
R518	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
R519	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R520	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R521	BIRC1030085M00	C RESISTOR	10KΩ 1/8W J	
R522	BIRC2220085M00	C RESISTOR	2.2KΩ 1/8W	
R523	BIRC1520085M00	C RESISTOR	1.5KΩ	
R524	BIRC1520085M00	C RESISTOR	1.5KΩ	
R601	BIRC1810105A00	C RESISTOR	180Ω 1/10W	
R602	BIRC1810105A00	C RESISTOR	180Ω 1/10W	
R603	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
R604	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
R605	BIRC1530105A00	C RESISTOR	15KΩ 1/10W	
R606	BIRC1530105A00	C RESISTOR	15KΩ 1/10W	
R607	BIRC3940105A00	C RESISTOR	390KΩ 1/10W	
R608	BIRC3940105A00	C RESISTOR	390KΩ 1/10W	
R609	BIRC4710105A00	C RESISTOR	470Ω 1/10W	
R610	BIRC4710085M00	C RESISTOR	470Ω	
R611	BIRC3930105A00	C RESISTOR	39KΩ 1/10W	
R612	BIRC3930105A00	C RESISTOR	39KΩ 1/10W	
R619	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R620	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R621	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R622	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R623	BIRC1530105A00	C RESISTOR	15KΩ 1/10W	
R624	BIRC1530105A00	C RESISTOR	15KΩ 1/10W	
R625	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R626	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R627	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R628	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	

△ Symbol No.	Part No.	Part Name	Description	Local
BN591	BI12P402341	CONNECTOR WIRE	4P for AMP CN204	
CN351	BI12S160034V	SOCKET	16P	
J364	1SS133	FR DIODE	BI31SS133M000V7	
JK552	BI23B0292	HEADPHONE JACK		
JK591	BI23B0292	HEADPHONE JACK		
S351	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S352	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S353	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S354	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S355	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S356	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S357	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S358	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S359	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S360	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S361	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S362	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S363	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S364	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S365	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S366	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S367	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S368	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
S369	BI8SKRGAED0P0	TACT SWITCH	SKRGAED010	
XXXXX	BI202814010101	HOLDER SENSOR		

Power board

Block No. [0][3]

△ Symbol No.	Part No.	Part Name	Description	Local
IC901	NJM78L05	IC	BI101851	
Q903	KTC3199GR	TRANSISTOR	BI2KTC3199GP000	
D901	1N4001	DIODE	BI31N40011	
D902	1N4001	DIODE	BI31N40011	
D903	1N4001	DIODE	BI31N40011	
D904	1N4001	DIODE	BI31N40011	
D905	1N4001	DIODE	BI31N40011	
D906	1SS133	FR DIODE	BI31SS133M000V7	
D907	1SS133	FR DIODE	BI31SS133M000V7	
C903	BICH104500KM01	C CAPACITOR	0.1uF	
C904	BICE477250MP01	E CAPACITOR	470uF 25V	
C905	BICE227100MP01	E CAPACITOR	220uF 10V	
C906	BICE476160MP01	E CAPACITOR	47uF 16V	
C907	BICH472500KM01	C CAPACITOR	4700pF 50V	
C908	BICE107100MP01	E CAPACITOR	100uF 10V	
R902	BIRC5620085M00	C RESISTOR	5.6KΩ 1/8W J	
R903	BIRC3320085M00	C RESISTOR	3.3KΩ 1/8W	
R905	BIRC3300085M00	C RESISTOR	33Ω 1/8W	
R906	BIRC4720085M00	C RESISTOR	4.7KΩ 1/8W J C	
R907	BIRC1220085M00	C RESISTOR	1.2KΩ 1/8W	
△ L901	BI2601102	LINE FILTER		
BN903	BI12P60170V	CONNECTOR WIRE	6P for AMP CN102	
CN901	BI12S200691V	CONNECTOR	2P	
CN902	BI12S40084V	CONNECTOR WIRE	4P for POWER TRANS	
△ PT902	BI211011098001	POWER TRANS	EI28	
△ RY901	BI8RL00171V	RELAY	DC9V 250mW	
△ SW901	BI805221X	POWER SWITCHES	SDKGA41301	

AMP board

Block No. [0][4]

△ Symbol No.	Part No.	Part Name	Description	Local
IC102	NJM79L09	IC	BI118381	
IC103	KIA7809API	IC	BI111971V	
IC104	KIA7808AP	IC	BI110891	
Q101	KTB1366Y	TRANSISTOR	BI2KTB1366Y8V	
Q102	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q121	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q131	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q132	KTA1273Y	TRANSISTOR	BI2KTA1273YP000	
Q133	KTA1273Y	TRANSISTOR	BI2KTA1273YP000	
Q134	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q151	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q153	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q154	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q155	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q157	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q171	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q172	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q201	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011	
Q202	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011	
Q203	DTC114TK	DIGI TRANSISTOR	BI2DTC114TKA011	
Q204	DTA114YK	DIGI TRANSISTOR	BI2DTA114YKA018	
Q221	2SA1235F	TRANSISTOR	BI2SA1235FA012H	
Q222	2SA1235F	TRANSISTOR	BI2SA1235FA012H	
Q223	2SA1235F	TRANSISTOR	BI2SA1235FA012H	
Q224	2SA1235F	TRANSISTOR	BI2SA1235FA012H	
Q225	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q226	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q228	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q231	2SC5343	TRANSISTOR	BI2SC5343GP0000	
Q232	2SC5343	TRANSISTOR	BI2SC5343GP0000	
Q233	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q234	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q235	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q236	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q237	2SD1889	TRANSISTOR	BI22SD18897V	
Q237	2SC3052	TRANSISTOR	BI2SC3052FA013H	
Q238	2SD1889	TRANSISTOR	BI22SD18897V	
Q239	2SB1340	TRANSISTOR	BI22SB13407V	
Q240	2SB1340	TRANSISTOR	BI22SB13407V	
Q241	2SA1235F	TRANSISTOR	BI2SA1235FA012H	
Q242	2SA1235F	TRANSISTOR	BI2SA1235FA012H	
Q243	KTC3198GR	TRANSISTOR	BI2KTC3198GP000	
Q244	DTC114YK	DIGI TRANSISTOR	BI2DTC114YKA018	
Q291	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011	
Q292	DTC323TK	DIGI TRANSISTOR	BI2DTC323TKA011	
Q293	DTC114TK	DIGI TRANSISTOR	BI2DTC114TKA011	
Q294	DTA114YK	DIGI TRANSISTOR	BI2DTA114YKA018	
D101	1SS133	FR DIODE	BI31SS133M000V7	
D102	1SS133	FR DIODE	BI31SS133M000V7	
D103	1SS133	FR DIODE	BI31SS133M000V7	
D104	1SS133	FR DIODE	BI31SS133M000V7	
D105	1SS133	FR DIODE	BI31SS133M000V7	
D131	MC2838	DIODE	BI3MC2838A002	
D133	1SS133	FR DIODE	BI31SS133M000V7	
D151	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
D153	1SS133	FR DIODE	BI31SS133M000V7	
D154	1SS133	FR DIODE	BI31SS133M000V7	
D157	1SS133	FR DIODE	BI31SS133M000V7	
D171	RS603M	SELEN RECTIFIER	BI3RS603M1	
D172	RS202	DIODE	BI3RS2021	
D173	1SS133	FR DIODE	BI31SS133M000V7	
D201	1SS133	FR DIODE	BI31SS133M000V7	
D221	1SS133	FR DIODE	BI31SS133M000V7	
D222	1SS133	FR DIODE	BI31SS133M000V7	
D223	ISS355	DIODE	BI31SS355A0077	
D224	ISS355	DIODE	BI31SS355A0077	
D227	1SS133	FR DIODE	BI31SS133M000V7	
D228	1SS133	FR DIODE	BI31SS133M000V7	
D231	1SS133	FR DIODE	BI31SS133M000V7	
D232	1SS133	FR DIODE	BI31SS133M000V7	
D233	1SS133	FR DIODE	BI31SS133M000V7	
D234	ISS355	DIODE	BI31SS355A0077	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
D235	ISS355	DIODE	BI31SS355A0077		R134	BIRC2240105A00	C RESISTOR	220KΩ 1/10W	
D236	ISS355	DIODE	BI31SS355A0077		R135	BIRC4730105A00	C RESISTOR	47KΩ 1/10W	
C101	BICM103101KP01	M CAPACITOR	0.01uF 100V		R136	BIRC5600105A00	C RESISTOR	56Ω 1/10W	
C102	BICM103101KP01	M CAPACITOR	0.01uF 100V		R137	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
C103	BICE33850M6Y1	E CAPACITOR	3300uF 50V		R139	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
C104	BICE33850M6Y1	E CAPACITOR	3300uF 50V		R140	BIRC5600045M00	C RESISTOR	56Ω 1/4W	
C105	BICE47825M6Y1	E CAPACITOR	4700uF 25V		R141	BIRC1510045M00	C RESISTOR	150Ω 1/4W	
C106	BICE108250MP01	E CAPACITOR	1000uF 25V		R142	BIRC5620105A00	C RESISTOR	5.6KΩ 1/10W	
C107	BICC103500KA04	C CAPACITOR	0.01uF 50V		R143	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
C108	BICC103500KA04	C CAPACITOR	0.01uF 50V		R144	BIRC5620105A00	C RESISTOR	5.6KΩ 1/10W	
C109	BICE108160MP01	E CAPACITOR	1000uF 16V		R151	BIRC1830105A00	C RESISTOR	18KΩ 1/10W	
C110	BICE477250MP01	E CAPACITOR	470uF 25V		R152	BIRC6840105A00	C RESISTOR	680KΩ 1/10W	
C113	BICE108160MP01	E CAPACITOR	1000uF 16V		R155	BIRC4700105A00	C RESISTOR	47Ω 1/10W	
C114	BICC104500KA04	C CAPACITOR	0.1uF 50V		R156	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
C115	BICE108160MP01	E CAPACITOR	1000uF 16V		R157	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
C116	BICC104500KA04	C CAPACITOR	0.1uF 50V		R158	BIRC3910105A00	C RESISTOR	390Ω 1/10W	
C117	BICE107160MP01	E CAPACITOR	100uF 16V		R174	BIRC2230105A00	C RESISTOR	22KΩ 1/10W	
C118	BICC104500KA04	C CAPACITOR	0.1uF 50V		R175	BIRC2230085M00	C RESISTOR	22KΩ 1/8W	
C121	BICE227100MP01	E CAPACITOR	220uF 10V		R176	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C122	BICC104500KA04	C CAPACITOR	0.1uF 50V		R201	BIRC3920105A00	C RESISTOR	3.9KΩ 1/10W	
C123	BICE227100MP01	E CAPACITOR	220uF 10V		R203	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	
C124	BICC104500KA04	C CAPACITOR	0.1uF 50V		R204	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
C131	BICE105500MP11	E CAPACITOR	1uF 50V		R205	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C132	BICE106500MP11	E CAPACITOR	10uF 50V		R206	BIRC2220085M00	C RESISTOR	2.2KΩ 1/8W	
C134	BICE227160MP11	E CAPACITOR	220uF 16V		R207	BIRC2730105A00	C RESISTOR	27KΩ 1/10W	
C151	BICC222500KA04	C CAPACITOR	2200pF 50V		R208	BIRC2730105A00	C RESISTOR	27KΩ 1/10W	
C153	BICE105500MP01	E CAPACITOR	1uF 50V		R213	BIRC1210105A00	C RESISTOR	120Ω 1/10W	
C154	BICE226160MP01	E CAPACITOR	22uF 16V		R214	BIRC1210105A00	C RESISTOR	120Ω 1/10W	
C157	BICE107160MP01	E CAPACITOR	100uF 16V		R221	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
C171	BICC103500KA04	C CAPACITOR	0.01uF 50V		R222	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
C172	BICC103500KA04	C CAPACITOR	0.01uF 50V		R225	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C173	BICM223101KP01	M CAPACITOR	0.022uF 100V		R226	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C174	BICE106250MP01	E CAPACITOR	10uF 25V		R227	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
C175	BICC103500KA04	C CAPACITOR	0.01uF 50V		R228	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
C176	BICC103500KA04	C CAPACITOR	0.01uF 50V		R229	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C177	BICC222500KA04	C CAPACITOR	2200pF 50V		R230	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C202	BICE476250MP01	E CAPACITOR	47uF 25V		R231	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
C203	BICE105500MP01	E CAPACITOR	1uF 50V		R232	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W	
C204	BICE105500MP01	E CAPACITOR	1uF 50V		R233	BIRC2230105A00	C RESISTOR	22KΩ 1/10W	
C205	BICC272500KA04	C CAPACITOR	2700pF		R234	BIRC2230105A00	C RESISTOR	22KΩ 1/10W	
C206	BICC272500KA04	C CAPACITOR	2700pF		R235	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
C221	BICE476250MP01	E CAPACITOR	47uF 25V		R236	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
C222	BICE476250MP01	E CAPACITOR	47uF 25V		R237	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
C223	BICE476250MP01	E CAPACITOR	47uF 25V		R238	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
C224	BICE476250MP01	E CAPACITOR	47uF 25V		R239	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
C225	BICC101500JA04	C CAPACITOR	100pF 50V		R240	BIRC1010105A00	C RESISTOR	100Ω 1/10W	
C226	BICC101500JA04	C CAPACITOR	100pF 50V		R241	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
C227	BICC102500KA04	C CAPACITOR	1000pF 50V		R242	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
C228	BICC102500KA04	C CAPACITOR	1000pF 50V		R245	BIRC1530105A00	C RESISTOR	15KΩ 1/10W	
C229	BICC101500JA04	C CAPACITOR	100pF 50V		R246	BIRC1530105A00	C RESISTOR	15KΩ 1/10W	
C230	BICC101500JA04	C CAPACITOR	100pF 50V		R247	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C231	BICC101500JA04	C CAPACITOR	100pF 50V		R248	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C232	BICC101500JA04	C CAPACITOR	100pF 50V		R249	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C233	BICC104500KA04	C CAPACITOR	0.1uF 50V		R250	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
C234	BICC104500KA04	C CAPACITOR	0.1uF 50V		R251	BIRC4700105A00	C RESISTOR	47Ω 1/10W	
C237	BICC104500KA04	C CAPACITOR	0.1uF 50V		R252	BIRC4700105A00	C RESISTOR	47Ω 1/10W	
C238	BICC104500KA04	C CAPACITOR	0.1uF 50V		R253	BIRC3310105A00	C RESISTOR	330Ω 1/10W	
C239	BICC104500KA04	C CAPACITOR	0.1uF 50V		R254	BIRC3310105A00	C RESISTOR	330Ω 1/10W	
C240	BICC104500KA04	C CAPACITOR	0.1uF 50V		R255	BIRM0022N25P01	M RESISTOR	0.22Ω 2W M/F	
C241	BICE106500MP01	E CAPACITOR	10uF 50V		R256	BIRM0022N25P01	M RESISTOR	0.22Ω 2W M/F	
C242	BICE105500MP01	E CAPACITOR	1uF 50V		R257	BIRM0022N25P01	M RESISTOR	0.22Ω 2W M/F	
C243	BICC153500KA04	C CAPACITOR	0.015uF 50V		R258	BIRM0022N25P01	M RESISTOR	0.22Ω 2W M/F	
C244	BICC153500KA04	C CAPACITOR	0.015uF 50V		R259	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
C155	BICE475500MP01	E CAPACITOR	4.7uF 50V		R260	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
△ R101	BIRF0220045N000	FUSE RESISTOR	2.2Ω 1/4W		R263	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R104	BIRC6820105A00	C RESISTOR	6.8KΩ 1/10W		R264	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
R105	BIRC3320105A00	C RESISTOR	3.3KΩ 1/10W		R265	BIRC1530105A00	C RESISTOR	15KΩ 1/10W	
R106	BIRC2210085N00	C RESISTOR	220Ω 1/8W		R266	BIRC1530105A00	C RESISTOR	15KΩ 1/10W	
R107	BIRC2210105A00	C RESISTOR	220Ω 1/10W		R267	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R108	BIRC2210105A00	C RESISTOR	220Ω 1/10W		R268	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R109	BIRC2210105A00	C RESISTOR	220Ω 1/10W		R269	BIRC1040105A00	C RESISTOR	100KΩ 1/10W	
R110	BIRC2210105A00	C RESISTOR	220Ω 1/10W		R270	BIRC1040085M00	C RESISTOR	100KΩ 1/8W	
R111	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		R275	BIRC2200085M00	C RESISTOR	22Ω 1/8W	
R121	BIRC2210105A00	C RESISTOR	220Ω 1/10W		R276	BIRC2200085M00	C RESISTOR	22Ω 1/8W	
R131	BIRC4730105A00	C RESISTOR	47KΩ 1/10W		R277	BIRC2200085M00	C RESISTOR	22Ω 1/8W	
R132	BIRC4730105A00	C RESISTOR	47KΩ 1/10W		R278	BIRC2200085M00	C RESISTOR	22Ω 1/8W	
					R279	BIRC2200105A00	C RESISTOR	22Ω 1/10W	
					R280	BIRC2200105A00	C RESISTOR	22Ω 1/10W	

△ Symbol No.	Part No.	Part Name	Description	Local
R281	BIRC2200105A00	C RESISTOR	22Ω 1/10W	
R282	BIRC2200105A00	C RESISTOR	22Ω 1/10W	
R283	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R284	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R285	BIRC4710105A00	C RESISTOR	470Ω 1/10W	
R286	BIRC4740105A00	C RESISTOR	470KΩ 1/10W	
R287	BIRC1000085M00	C RESISTOR	10Ω 1/8W	
R289	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R290	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R291	BIRC6810025N00	C RESISTOR	680Ω 1/2W	
R292	BIRC6810025N00	C RESISTOR	680Ω 1/2W	
R293	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R294	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R295	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R296	BIRC2220105A00	C RESISTOR	2.2KΩ 1/10W	
R297	BIRC3920105A00	C RESISTOR	3.9KΩ 1/10W	

L101	BI18A843556N00	FILTER BEAD	843556	
L201	BI2600702V	CHOKE COIL	1uH	
L202	BI2600702V	CHOKE COIL	1uH	
CN101	BI12S60119V	CONNECTOR WIRE	6P for POWER TRANS	
CN102	BI12S600961	CONNECTOR	6P	
CN105	BI12S20057V	SOCKET	2P	
CN157	BI12S200161V	CONNECTOR	4P	
CN201	BI12S150028V	SOCKET	15P	
CN202	BI12S80058V	SOCKET	8P	
CN204	BI12S40047V	CONNECTOR	4P	
JR101	BIRC0000085A00	C RESISTOR	0Ω 1/8W	
JR102	BIRC0000085A00	C RESISTOR	0Ω 1/8W	
JR103	BIRC0000105A00	C RESISTOR	0Ω 1/10W	
P102	BI11A050M0Y	BLACK WIRE	50mm UL1007	
P103	BI11A050M0Y	BLACK WIRE	50mm UL1007	
RY201	BI8RL00191V	RELAY	DC12V ME-7C-012-3H	
SP201	BI23F0741V	SPK TERMINAL		
XXXXX	BT000604S3	SCREW	HEATSINK AMP-PCB-1	
XXXXX	BI12P20205V	WIRE	2P L=60mm	
XXXXX	BIRT103THMSP01	THERMISTOR	10K	
XXXXX	BI202672010101	HEAT SINK	for IC104	
XXXXX	BI202672010101	HEAT SINK	for Q101	
XXXXX	BIRT000611B3	SCREW	3 X L8 B-TYPE(x9)	
ZD101	UZ12BSC	Z DIODE	BI3UZ12BSCM000	
ZD121	MTZJ3.3B	Z DIODE	BI3MTZJ33BM000	
ZD157	UZ5.6BSB	Z DIODE	BI3UZ5.6BSBM000	

CD board

Block No. [0][5]

△ Symbol No.	Part No.	Part Name	Description	Local
IC701	S1L9226	IC	BI116431	
IC703	IP4001S	IC	BI118471	
IC801	S5L9279	IC	BI116401	
IC802	K4S161622H-UC60	IC	BI117401V	
IC803	BH18FB1WG	IC	BI118171	
IC871	MN101C61G	IC	BI118121	
IC872	BR93L56RF	IC	BI118251	
Q701	KTA1266GR	TRANSISTOR	BI2KTA1266GP00	
Q703	KTA1273Y	TRANSISTOR	BI2KTA1273YP000	
Q762	DTC114TK	DIGI TRANSISTOR	BI2DTC114TKA011	
Q871	DTC114TK	DIGI TRANSISTOR	BI2DTC114TKA011	
D762	1SS133	FR DIODE	BI31SS133M000V7	
C701	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C702	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C703	BICC102500JA04	C CAPACITOR	1000pF 50V	
C704	BICE476160MP11	E CAPACITOR	47uF 16V	
C705	BICC102500JA04	C CAPACITOR	1000pF 50V	
C706	BICC102500JA04	C CAPACITOR	1000pF 50V	
C707	BICC103250KA04	C CAPACITOR	0.01uF 25V	

C708	BICC473250KA04	C CAPACITOR	0.047uF 25V	
C709	BICE227063MP11	E CAPACITOR	220uF 6.3V	
C710	BICE107100MP11	E CAPACITOR	100uF 10V	
C711	BICC040500CA04	C CAPACITOR	4pF 50V	
C712	BICC100500DA04	C CAPACITOR	10pF 50V	
C713	BICC682500KA04	C CAPACITOR	6800pF 50V	
C714	BICC103250KA04	C CAPACITOR	0.01uF 25V	
C715	BICE475500MP11	E CAPACITOR	4.7uF 50V	
C716	BICC104250KA04	C CAPACITOR	0.1uF 25V	
C717	BICC104250KA04	C CAPACITOR	0.1uF 25V	
C718	BICC102500JA04	C CAPACITOR	1000pF 50V	
C719	BICC104250KA04	C CAPACITOR	0.1uF 25V	
C720	BICC333250KA04	C CAPACITOR	0.033uF 25V	
C721	BICC474100KA04	C CAPACITOR	0.47uF 10V	
C722	BICC474100KA04	C CAPACITOR	0.47uF 10V	
C723	BICC332500KA04	C CAPACITOR	3300pF 50V	
C724	BICC103250KA04	C CAPACITOR	0.01uF 25V	
C725	BICC683160KA04	C CAPACITOR	0.068uF 16V	
C726	BICE106100MP11	E CAPACITOR	10uF 10V	
C727	BICC823160KA04	C CAPACITOR	0.082uF 16V	
C728	BICC331500JA04	C CAPACITOR	330pF 50V	
C729	BICC102500JA04	C CAPACITOR	1000pF 50V	
C730	BICC222500KA04	C CAPACITOR	2200pF 50V	
C731	BICC333250KA04	C CAPACITOR	0.033uF 25V	
C732	BICC104250KA04	C CAPACITOR	0.1uF 25V	
C733	BICC104250KA04	C CAPACITOR	0.1uF 25V	
C734	BICC101500JA04	C CAPACITOR	100pF 50V	
C735	BICC101500JA04	C CAPACITOR	100pF 50V	
C736	BICC101500JA04	C CAPACITOR	100pF 50V	
C737	BICC101500JA04	C CAPACITOR	100pF 50V	
C738	BICC101500JA04	C CAPACITOR	100pF 50V	
C739	BICC101500JA04	C CAPACITOR	100pF 50V	
C740	BICC101500JA04	C CAPACITOR	100pF 50V	
C741	BICC391500JA04	C CAPACITOR	390pF 50V	
C742	BICC391500JA04	C CAPACITOR	390pF 50V	
C743	BICC391500JA04	C CAPACITOR	390pF 50V	
C744	BICC391500JA04	C CAPACITOR	390pF 50V	
C755	BICC102500JA04	C CAPACITOR	1000pF 50V	
C756	BICC102500JA04	C CAPACITOR	1000pF 50V	
C761	BICE477100MP01	E CAPACITOR	470uF 10V	
C762	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C763	BICE107100MP11	E CAPACITOR	100uF 10V	
C803	BICE107100MP11	E CAPACITOR	100uF 10V	
C804	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C805	BICC270500JA04	C CAPACITOR	27pF 50V	
C806	BICC270500JA04	C CAPACITOR	27pF 50V	
C807	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C808	BICE107100MP11	E CAPACITOR	100uF 10V	
C809	BICC104250KA04	C CAPACITOR	0.1uF 25V	
C810	BICC122500KA04	C CAPACITOR	1200pF 50V	
C811	BICC122500KA04	C CAPACITOR	1200pF 50V	
C812	BICC122500KA04	C CAPACITOR	1200pF 50V	
C813	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C814	BICE107100MP11	E CAPACITOR	100uF 10V	
C815	BICE107100MP11	E CAPACITOR	100uF 10V	
C816	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C817	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C818	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C819	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C820	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C821	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C822	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C823	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C825	BICC103250KA04	C CAPACITOR	0.01uF 25V	
C826	BICE106100MP11	E CAPACITOR	10uF 10V	
C827	BICE106100MP11	E CAPACITOR	10uF 10V	
C835	BICC100500DA04	C CAPACITOR	10pF 50V	
C841	BICC102500KA04	C CAPACITOR	1000pF 50V	
C842	BICC330500JA04	C CAPACITOR	33pF 50V	
C843	BICC330500JA04	C CAPACITOR	33pF 50V	
C844	BICC330500JA04	C CAPACITOR	33pF 50V	
C871	BICC103250KA04	C CAPACITOR	0.01uF 25V	
C872	BICC104500ZA04	C CAPACITOR	0.1uF 50V	
C873	BICC150500JA04	C CAPACITOR	15pF 50V	
C874	BICC101500JA04	C CAPACITOR	100pF 50V	
C875	BICC330500JA04	C CAPACITOR	33pF 50V	
C876	BICC470500JA04	C CAPACITOR	47pF 50V	
C877	BICC470500JA04	C CAPACITOR	47pF 50V	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C878	BICC470500JA04	C CAPACITOR	47pF 50V		R880	BIRC1210085M00	C RESISTOR	120Ω 1/8W	
C880	BICC470500JA04	C CAPACITOR	47pF 50V		R881	BIRC1210085M00	C RESISTOR	120Ω 1/8W	
C881	BICC470500JA04	C CAPACITOR	47pF 50V		R882	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
C882	BICC104250KA04	C CAPACITOR	0.1uF 25V		R883	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
C883	BICC104500ZA04	C CAPACITOR	0.1uF 50V		R884	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	
R701	BIRC0820105A00	C RESISTOR	8.2Ω 1/10W		R885	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J	
R702	BIRC1840105A00	C RESISTOR	180KΩ		R886	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R703	BIRC3930105A00	C RESISTOR	39KΩ 1/10W		R887	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R704	BIRC3930105A00	C RESISTOR	39KΩ 1/10W		R888	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R705	BIRC3930105A00	C RESISTOR	39KΩ 1/10W		R889	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R706	BIRC3930105A00	C RESISTOR	39KΩ 1/10W		R890	BIRC1020085N00	C RESISTOR	1KΩ 1/8W	
R707	BIRC1840105A00	C RESISTOR	180KΩ		R891	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R708	BIRC4700105A00	C RESISTOR	47Ω 1/10W		R892	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R709	BIRC4720105A00	C RESISTOR	4.7KΩ 1/10W		R893	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R710	BIRC1010105A00	C RESISTOR	100Ω 1/10W		R894	BIRC1020105A00	C RESISTOR	1KΩ 1/10W	
R711	BIRC5620105A00	C RESISTOR	5.6KΩ 1/10W		R895	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R714	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		R896	BIRC1030105A00	C RESISTOR	10KΩ 1/10W	
R715	BIRC1830105A00	C RESISTOR	18KΩ 1/10W		L710	BI26100000KM00	FIXED INDUCTOR	10UH	
R716	BIRC2230105A00	C RESISTOR	22KΩ 1/10W		L761	BI18A843556N00	FILTER BEAD	843556	
R717	BIRC1050105A00	C RESISTOR	1MΩ 1/10W		L801	BI26100000KN00	FIXED INDUCTOR	10UH	
R718	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		L802	BI26100000KN00	FIXED INDUCTOR	10UH	
R719	BIRC5620105A00	C RESISTOR	5.6KΩ 1/10W		L803	BI26100000KM00	FIXED INDUCTOR	10UH	
R720	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		L804	BI26100000KM00	FIXED INDUCTOR	10UH	
R721	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		L805	BI26100000KM00	FIXED INDUCTOR	10UH	
R722	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		L806	BI26100000KN00	FIXED INDUCTOR	10UH	
R723	BIRC8230105A00	C RESISTOR	82KΩ 1/10W		L808	BI18A843556N00	FILTER BEAD	843556	
R724	BIRC8230105A00	C RESISTOR	82KΩ 1/10W		L809	BI18A916121A00	FERRITE BEAD	120Ω	
R725	BIRC1530105A00	C RESISTOR	15KΩ 1/10W		L822	BI18A843556N00	FILTER BEAD	843556	
R726	BIRC4730105A00	C RESISTOR	47KΩ 1/10W		L871	BI26100000KM00	FIXED INDUCTOR	10UH	
R727	BIRC1240105A00	C RESISTOR	120KΩ 1/10W		CN701	BI12S160043V	SOCKET	16P	
R728	BIRC2730105A00	C RESISTOR	27KΩ 1/10W		CN702	BI12P60170V	CONNECTOR WIRE	6P for CD MECH	
R729	BIRC1540105A00	C RESISTOR	150KΩ 1/10W		CN801	BI12S280005U	SOCKET	28P	
R730	BIRC1240105A00	C RESISTOR	120KΩ 1/10W		CN802	BI12SBI120038	SOCKET	12P	
R731	BIRC1040105A00	C RESISTOR	100KΩ 1/10W		CN871	BI12S150027V	SOCKET	15P	
R732	BIRC4730105A00	C RESISTOR	47KΩ 1/10W		CN872	BI12S200161	SOCKET	2P	
R746	BIRC1010085M00	C RESISTOR	100Ω 1/8W J		CN873	BI12S30039	CONNECTOR	3P	
R747	BIRC1010085M00	C RESISTOR	100Ω 1/8W J		JR701	BIRC0000105A00	C RESISTOR	0Ω	
R756	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		JR702	BIRC0000105A00	C RESISTOR	0Ω	
R757	BIRC1830085M00	C RESISTOR	18KΩ 1/8W J C		JR704	BIRC0000105A00	C RESISTOR	0Ω	
R763	BIRC1220105A00	C RESISTOR	1.2KΩ 1/10W		JR706	BIRC0000105A00	C RESISTOR	0Ω	
R764	BIRC1030105A00	C RESISTOR	10KΩ 1/10W		JR707	BIRC0000105A00	C RESISTOR	0Ω	
R765	BIRC4710105A00	C RESISTOR	470Ω 1/10W		JR708	BIRC0000105A00	C RESISTOR	0Ω	
R771	BIRC1020105A00	C RESISTOR	1KΩ 1/10W		JR801	BIRC0000105A00	C RESISTOR	0Ω	
R802	BIRC1020085N00	C RESISTOR	1KΩ 1/8W		JR802	BIRC0000105A00	C RESISTOR	0Ω	
R803	BIRC1020085N00	C RESISTOR	1KΩ 1/8W		JR803	BIRC0000085A00	C RESISTOR	0Ω	
R804	BIRC3310105A00	C RESISTOR	330Ω 1/10W		JR804	BIRC0000085A00	C RESISTOR	0Ω	
R805	BIRC1050105A00	C RESISTOR	1MΩ 1/10W		JW801	BI18A843556N00	FILTER BEAD	843556	
R806	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J		X801	BI2100796	CRYSTAL	16.9344MHz	
R807	BIRC3310105A00	C RESISTOR	330Ω 1/10W		X871	BI29ZTA8.00P015	C RESONATOR	8MHz	
R808	BIRC1010085M00	C RESISTOR	100Ω 1/8W J						
R809	BIRC1210085M00	C RESISTOR	120Ω 1/8W						
R810	BIRC1210105A00	C RESISTOR	120Ω 1/10W						
R811	BIRC1010105A00	C RESISTOR	100Ω 1/10W						
R812	BIRC1230105A00	C RESISTOR	12KΩ 1/10W						
R813	BIRC1230105A00	C RESISTOR	12KΩ 1/10W						
R814	BIRC1010105A00	C RESISTOR	100Ω 1/10W						
R836	BIRC1040105A00	C RESISTOR	100KΩ 1/10W						
R837	BIRC1040105A00	C RESISTOR	100KΩ 1/10W						
R841	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R842	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R843	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R844	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R845	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R846	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R847	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R848	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R849	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R850	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R851	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R852	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R853	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R854	BIRC1020085M00	C RESISTOR	1KΩ 1/8W J						
R871	BIRC1020105A00	C RESISTOR	1KΩ 1/10W						
R876	BIRC1210085M00	C RESISTOR	120Ω 1/8W						
R877	BIRC1210085M00	C RESISTOR	120Ω 1/8W						
R878	BIRC1210085M00	C RESISTOR	120Ω 1/8W						
R879	BIRC1210085M00	C RESISTOR	120Ω 1/8W						

Wiring

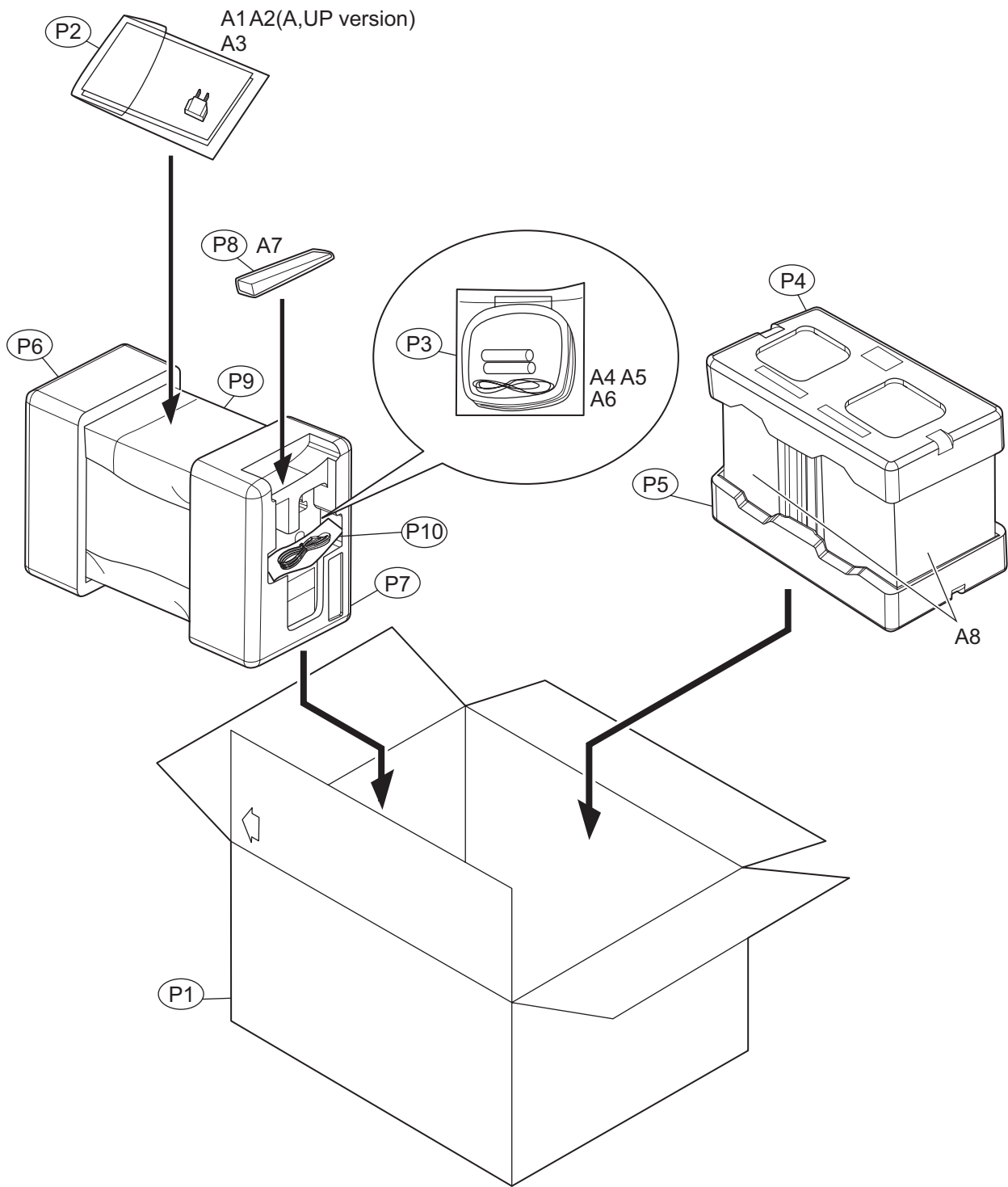
Block No. [0][6]

△ Symbol No.	Part No.	Part Name	Description	Local
XXXXX	BI1206561Y	FFC CABLE	16P for CD CN701 to CD MECH	
XXXXX	BI1206821Y	FFC CABLE	12P for MAIN CN681 to TUNER	
XXXXX	BI1207001Y	FFC CABLE	16P for MAIN CN402 to KEY CN351	
XXXXX	BI1206841Y	FFC CABLE	28P for MAIN CN401 to CD CN801	
XXXXX	BI1206851Y	FFC CABLE	12P for MAIN CN661 to CD CN802	

Packing materials and accessories parts list

Block No. M 3 M M

No additional / supplemental order of WARRANTY CARDS are available.



Packing and Accessories

Block No. [M][3][M][M]

△	Symbol No.	Part No.	Part Name	Description	Local
	A 1	BI440001578000W	INST BOOK	ENG LVT1349-010A	A
	A 1	BI440001567000W	INST BOOK	ENG LVT1349-003A	UJ
	A 1	BI440001565000W	INST BOOK	KOR LVT1349-007A	UP
	A 1	BI440001545000W	INST BOOK	ENG CHI(PEKIN) LVT1349-006A	US
	A 1	BI440001568000W	INST BOOK	CHI(TAIWAN) LVT1349-009A	UT
	A 1	BI440001564000W	INST BOOK	ENG SPA POR LVT1349-004A	UW
	A 1	BI440001566000W	INST BOOK	SPA LVT1349-005A	UY
	A 2	-----	WARRANTY CARD	BT-56012-1	A
	A 2	-----	WARRANTY CARD	BT-56013-1	UP
△	A 3	BI23A0094V	PLUG CONVERSION	JT-0476	
	A 4	-----	BATTERY	(x2)	
	A 5	BIAN01281V	AM LOOP ANT		
	A 6	BIAN01022V	FM ANT WIRE		
	A 7	BI643UXG5080	REMOTE CONTROL		
	A 8	BI644UXG5238SV	SPK BOX	(x2)	
	P 1	BI430001856000W	CARTON		
	P 2	BI470011031001W	POLY BAG		
	P 3	BI470011057001W	POLY BAG		
	P 4	BI450012012000	POLY FORM	TOP	
	P 5	BI450012013000	POLY FORM	BOTTOM	
	P 6	BI450012031000	POLY FORM	FRONT	
	P 7	BI450012030000	POLY FORM	REAR	
	P 8	BI4005355	POLY BAG		
	P 9	BI450032001000W	PROTECT SHEET		
	P 10	BI470011067001W	POLY BAG		