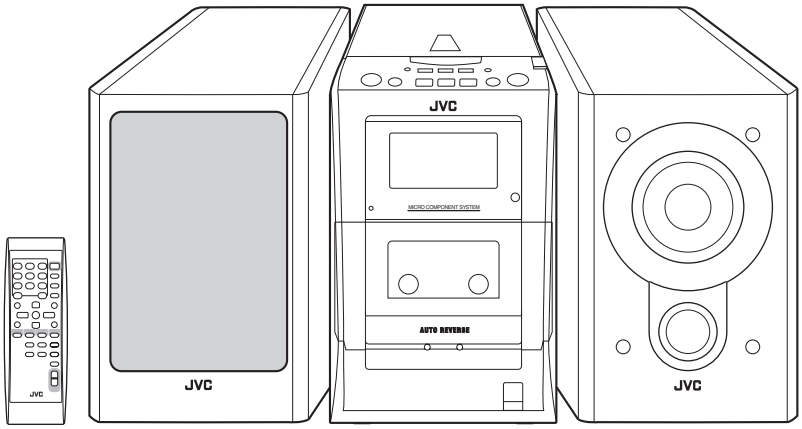
JVC

SERVICE MANUAL

MICRO COMPONENT SYSTEM

UX-H35



COMPACT disc DIGITAL AUDIO

Area Suffix
A ---------- Australia

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No.MB053
2003/9

SPECIFICATION

Amplifier	Output Power		20 W (10 W + 10 W) at 4 Ω (10% THD)
	Audio input sensitivity/Impedance (at 1 kHz) AUX		500 mV/48.75 kΩ
	Speakers/Impedance		4 Ω
Tuner	FM tuning range		87.50 MHz - 108.00 MHz
	AM tuning range		522 kHz - 1 629 kHz
CD player	Dynamic range		85 dB
	Signal-to-noise ratio		90 dB
	Wow and flutter		Immeasurable
Cassette deck	Frequency response Normal (type I)		50 Hz - 15 000 Hz
	Wow and flutter		0.15% (WRMS)
Speaker	Speaker units Full range		8.0 cm cone × 1
	Impedance		4 Ω
	Dimensions (approx.)		135 mm × 203 mm × 190 mm (W/H/D)
	Mass (approx.)		1.7 kg each
General	Power requirement	AC IN	240 V , 50 Hz
		DC IN	12 V, 4 A
	Power consumption		35 W (at operation) 3.0 W (on standby)
	Dimensions (approx.)		412 mm × 208 mm × 275 mm (W/H/D)
	Mass (approx.)		6.5 kg

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.

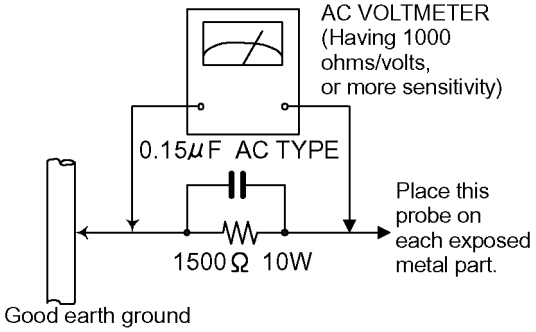
(2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage 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 (⚠) 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 ohms per volt or more sensitivity in the following manner. Connect a 1,500 ohm 10W resistor paralleled by a 0.15 µF 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 preforming 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 (▬), diode (▮) and ICP (●) or identified by the " ⚠ " 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. (Except the JC version)

1.5 Preventing static electricity

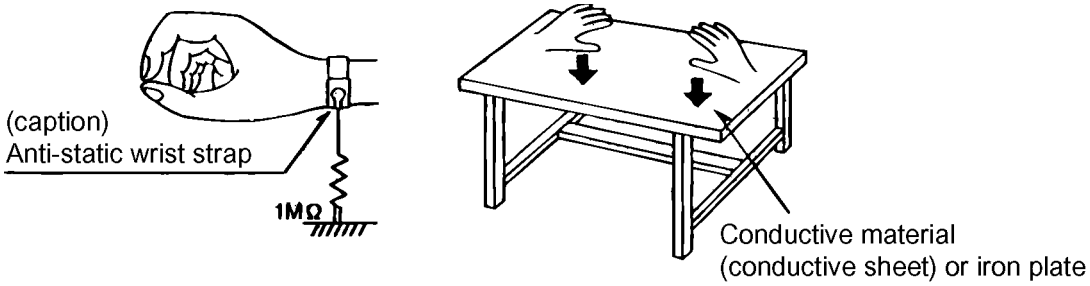
Electrostatic discharge (ESD), which occurs when static electricity stored in the body, fabric, etc. is discharged, can destroy the laser diode in the traverse unit (optical pickup). Take care to prevent this when performing repairs.

1.5.1 Grounding to prevent damage by static electricity

Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as CD players. Be careful to use proper grounding in the area where repairs are being performed.

(1) Ground the workbench
Ground the workbench by laying conductive material (such as a conductive sheet) or an iron plate over it before placing the traverse unit (optical pickup) on it.

(2) Ground yourself
Use an anti-static wrist strap to release any static electricity built up in your body.



(3) Handling the optical pickup
- In order to maintain quality during transport and before installation, both sides of the laser diode on the replacement optical pickup are shorted. After replacement, return the shorted parts to their original condition. (Refer to the text.)
- Do not use a tester to check the condition of the laser diode in the optical pickup. The tester's internal power source can easily destroy the laser diode.

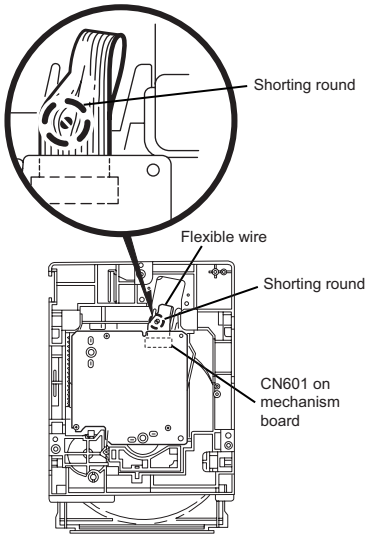
1.6 Handling the traverse unit (optical pickup)

(1) Do not subject the traverse unit (optical pickup) to strong shocks, as it is a sensitive, complex unit.
(2) Cut off the shorted part of the flexible cable using nippers, etc. after replacing the optical pickup. For specific details, refer to the replacement procedure in the text. Remove the anti-static pin when replacing the traverse unit. Be careful not to take too long a time when attaching it to the connector.
(3) Handle the flexible cable carefully as it may break when subjected to strong force.
(4) It is not possible to adjust the semi-fixed resistor that adjusts the laser power. Do not turn it.

1.7 Attention when traverse unit is decomposed

***Please refer to "Disassembly method" in the text for the CD pickup unit.**

- Apply solder to the short land sections before the flexible wire is disconnected from the connector CN601 on the CD servo board. (If the flexible wire is disconnected without applying solder, the CD pickup may be destroyed by static electricity.)
- In the assembly, be sure to remove solder from the short land sections after connecting the flexible wire.



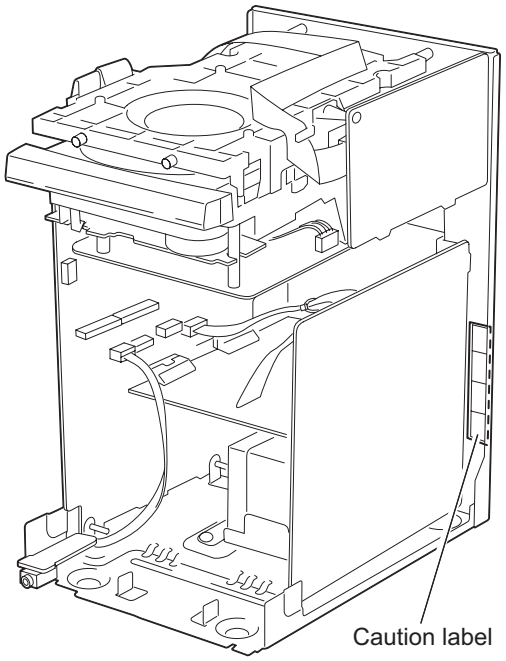
1.8 Important for laser products

(1) **CLASS 1 LASER PRODUCT**
(2) **DANGER :** Invisible laser radiation when open and inter lock failed or defeated. Avoid direct exposure to beam.
(3) **CAUTION :** There are no serviceable parts inside the Laser Unit. Do not disassemble the Laser Unit. Replace the complete Laser Unit if it malfunctions.
(4) **CAUTION :** The compact disc player uses invisible laser radiation and is equipped with safety switches which prevent emission of radiation when the drawer is open and the safety interlocks have failed or are de feated.
It is dangerous to defeat the safety switches.
(5) **CAUTION :** If safety switches malfunction, the laser is able to function.
(6) **CAUTION :** Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

⚠CAUTION
Please use enough caution not to see the beam directly or touch it in case of anadjustment or operation check.

VARNING Osynlig laserstrålning är denna del är öppnad och spårren är urkopplad. Betrakta ej strålen.	**ADVARSEL** Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsasttelse for stråling.
VARO Avattaessa ja suojalukitus ohitettaessa olet alttiina näkymättömälle lasersäteilylle. Älä katso säteeseen.	**ADVARSEL** Usynlig laserstråling ved åpning, når sikkerhetsbryteren er avslott. unngå utsettelse for stråling.

REPRODUCTION AND POSITION OF LABELS



SECTION 2
SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3
DISASSEMBLY

3.1 Main body

3.1.1 Removing the rear panel (See Fig.1,2)

(1) From behind the body, remove the eight screws **A** attaching the rear panel.

(2) Turing the body upside down, remove the two screws **B** attaching the rear panel, and remove.

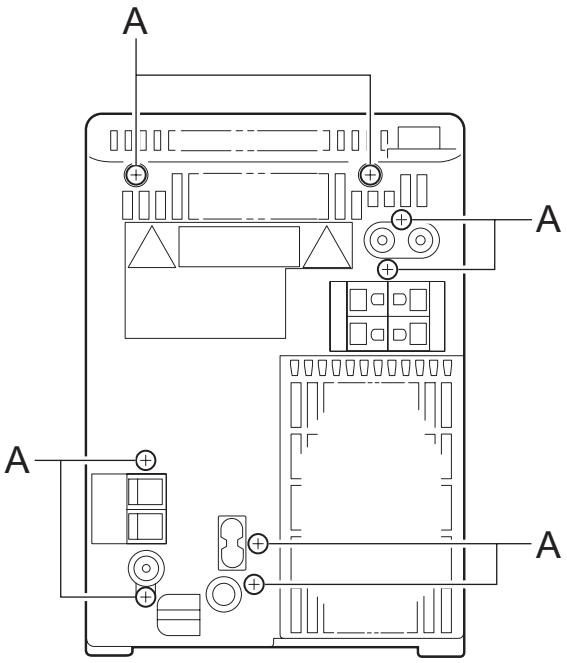


Fig.1

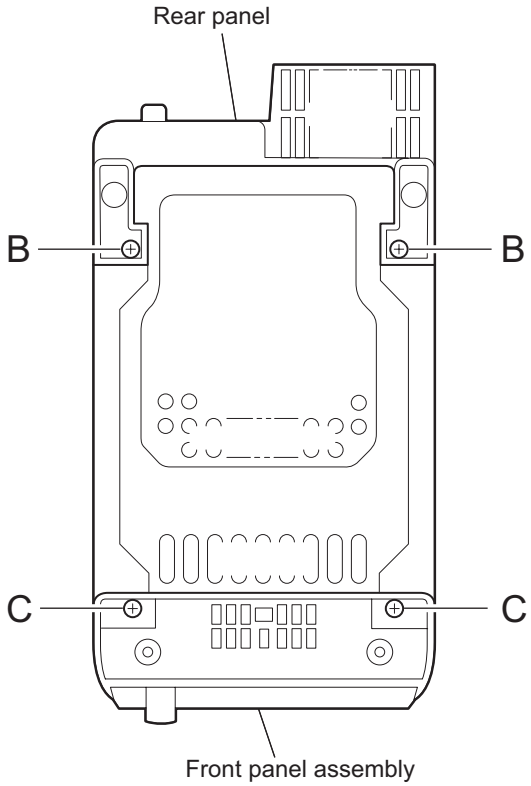


Fig.2

3.1.2 Removning the side panel (L) and (R) (See Fig.2~5)

- Prior to performing the following procedure, remove the rear panel.
  (1) Turning the body upside down, remove the two screws **C** attaching the front panel assembly.
  (2) Turning the body initial position, open the CD door while pressing the upper OPEN button.
  (3) Moving the side panel (L) in the arrow direction, remove the panel from the left side of the body.
  (4) Moving the side panel (R) in the arrow direction, remove the panel from the right side of the body.

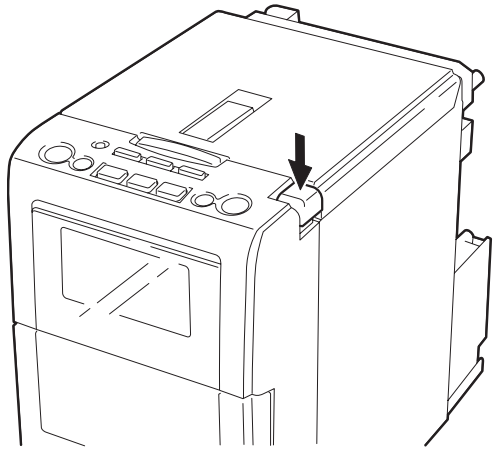


Fig.3

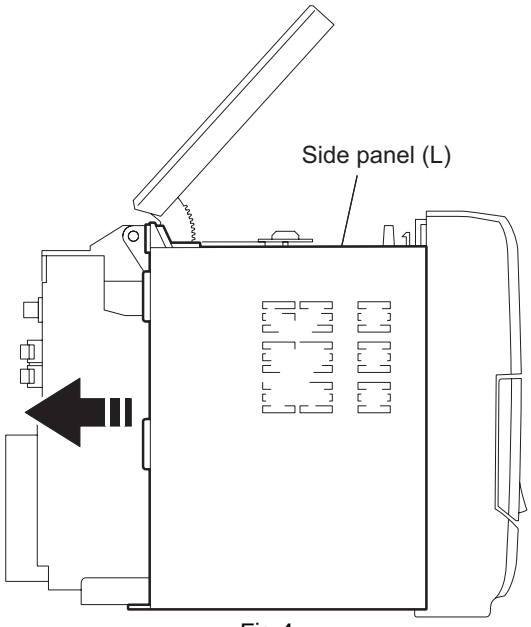


Fig.4

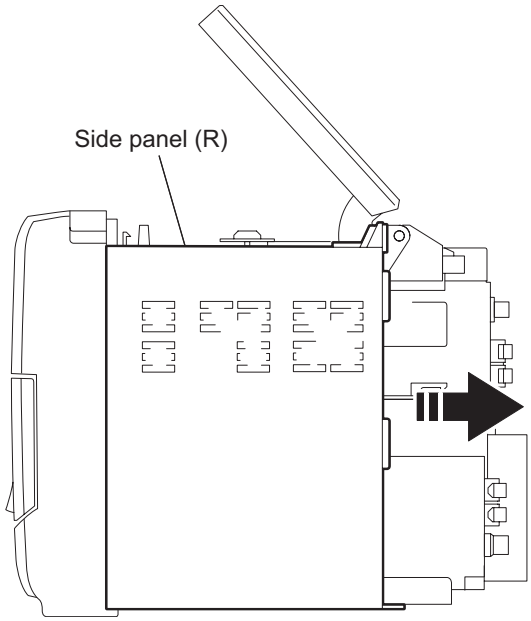


Fig.5

3.1.3 Removing the CD player assembly (See Fig.6,7)

- Prior to performing the following procedure, remove the rear panel and the left and right side panels.
  (1) Disconnect the card wires from the two connectors CN603 and CN604 on the CD servo control board.
  (2) Remove the two screws **D** attaching the front panel assembly on the both sides.
  (3) Release the two joints **a** on the both sides of the front panel assembly.
  (4) Move the CD player assembly in the direction of the arrow.

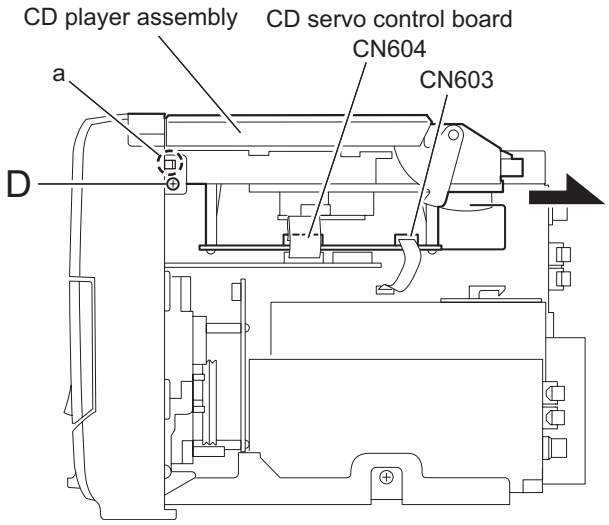


Fig.6

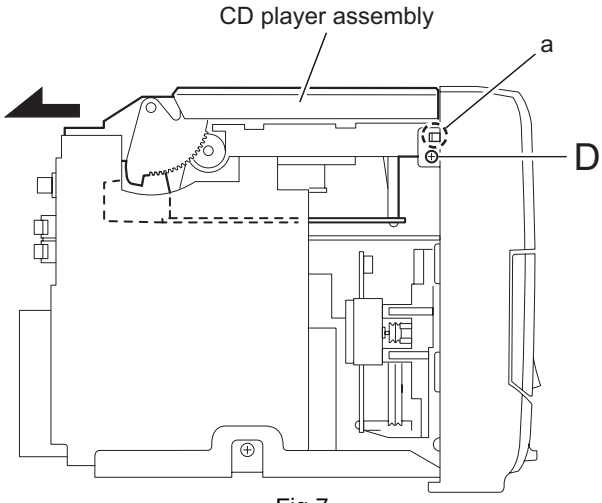


Fig.7

3.1.4 Removing the power amplifier board and heat sink (See Fig.8~10)

- Prior to performing the following procedure, remove the rear panel, the left and right side panels, and the CD player assembly.
  (1) Remove the five screws **E** and **F** attaching the heat sink.
  (2) Disconnect the wire from connector CN901 on the power supply board.
  (3) Disconnect the card wire from connector CN305 on the power amplifier board.
  (4) Remove the screw **G** attaching the power amplifier board.
  (5) Disconnect the connector CN301 on the power amplifier board, and release the two joints **b**.

REFERENCE:

Remove the screw **F**, then power amplifier board can be removed without removing heat sink.

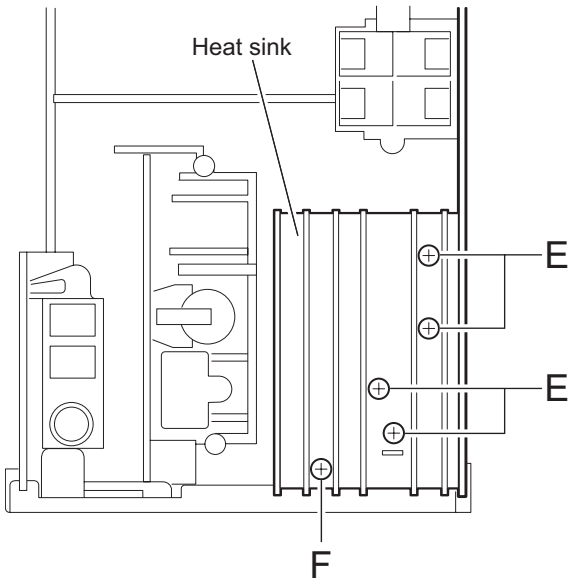


Fig.8

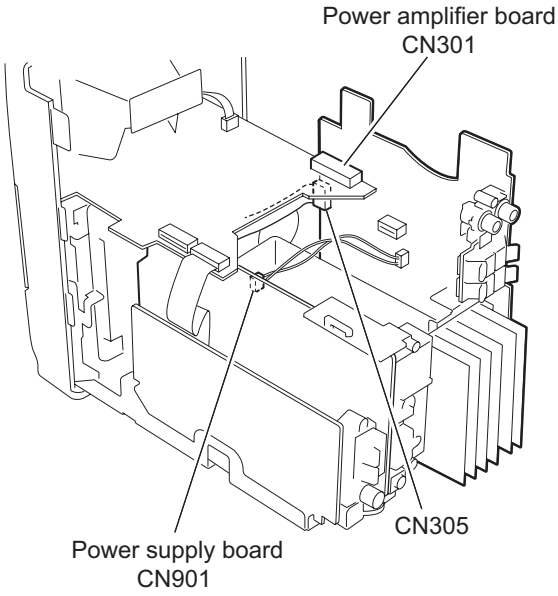


Fig.9

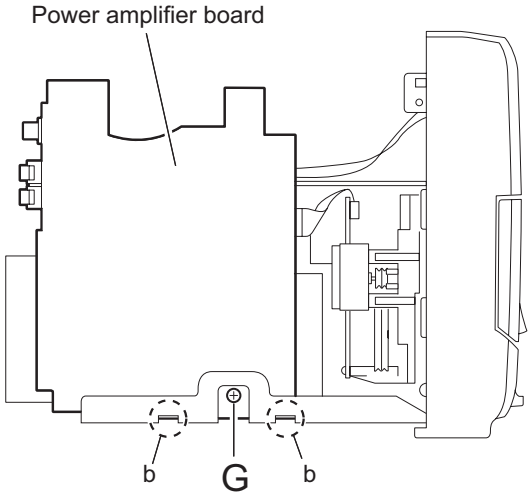


Fig.10

3.1.5 Removing the tuner board (See Fig.11)

- Prior to performing the following procedure, remove the rear panel, the left and right side panels, and the CD player assembly.
  (1) Remove the screw **H** attaching the tuner board from the right side of the body.
  (2) Disconnect the card wire from the connector CN1 on the tuner board.
  (3) Release the joint **c**, and remove the tuner board backward.

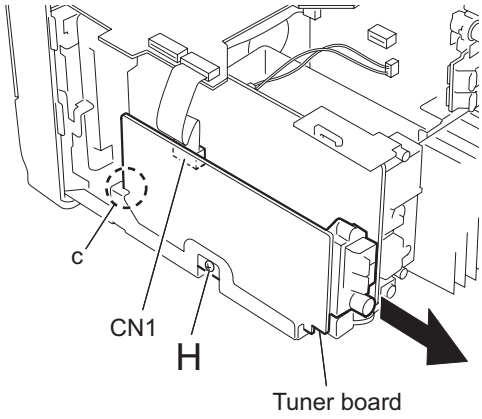


Fig.11

3.1.6 Removing the front panel assembly (See Fig.12,13)

- Prior to performing the following procedure, remove the rear panel the left and right side panels, the CD player assembly, the power amplifier board.
  (1) Disconnect the card wire from the connector CN714 on the LCD system CPU board.
  (2) Release the joint **d** on the bottom of the front panel assembly using a screwdriver, and remove the front panel assembly toward the front.

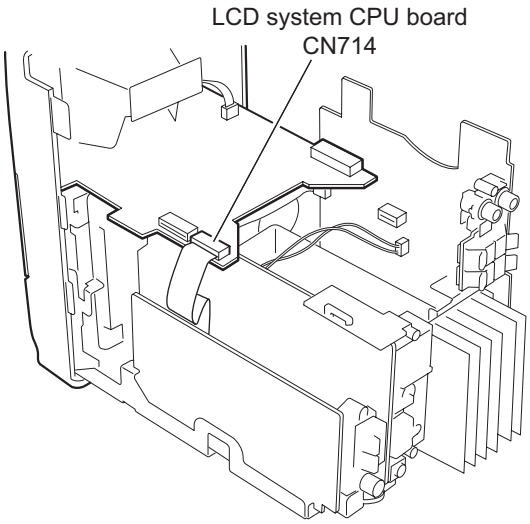


Fig.12

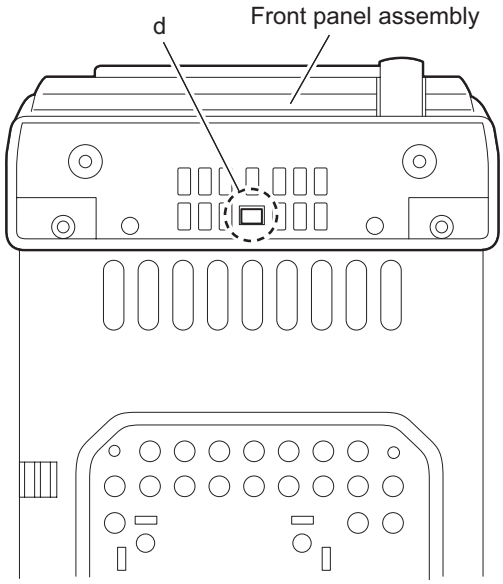


Fig.13

3.1.7 Remove the power transformer and power supply board (See Fig.14,15)

- Prior to performing the following procedure, remove the rear panel, the left and right side panels, the CD player assembly, the power amplifier board and the tuner board.
  (1) Remove the screw **I** attaching the jack holder and release joint **e**, and then remove jack holder.
  (2) Remove the four screws **J** attaching the power transformer and power supply board.

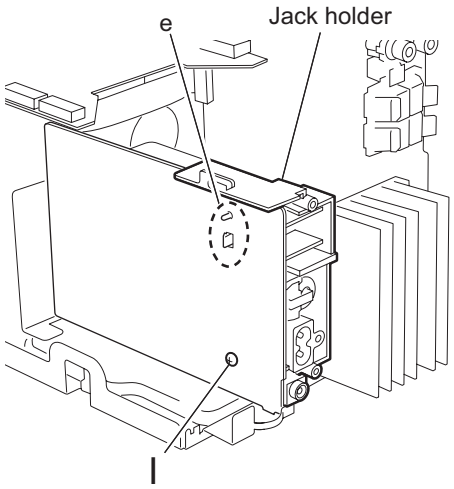


Fig.14

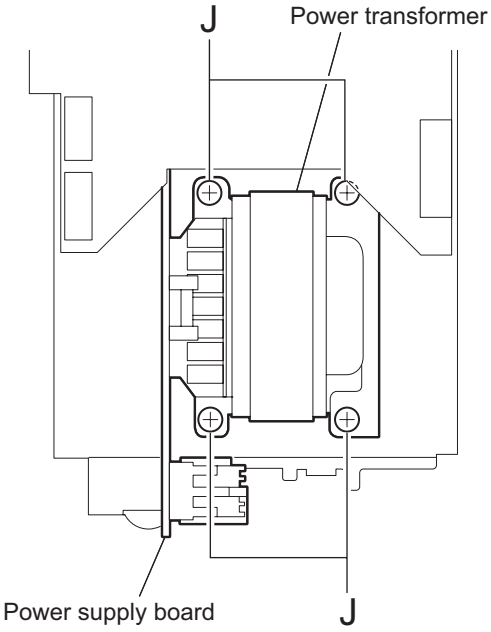


Fig.15

3.1.8 Remove the cassette mechanism assembly (See Fig.16,17)

- Prior to performing the following procedure, remove the front panel assembly.
  (1) Disconnect the card wire from the connector CN713 on the LCD system CPU board.
  (2) Remove the four screws **K** and **L** attaching the cassette mechanism assembly, and remove.

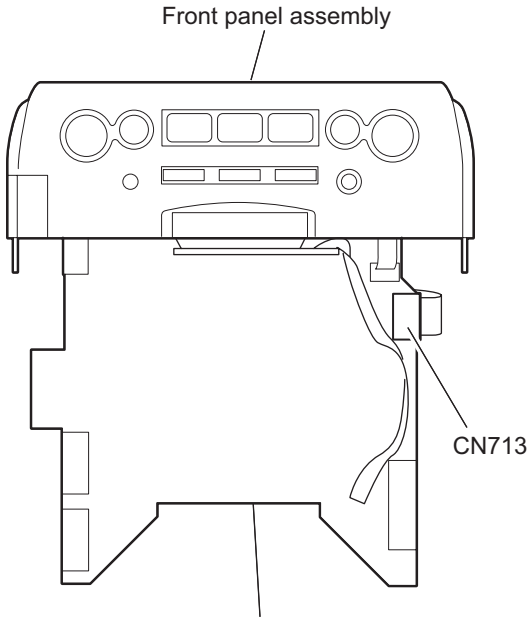


Fig.16

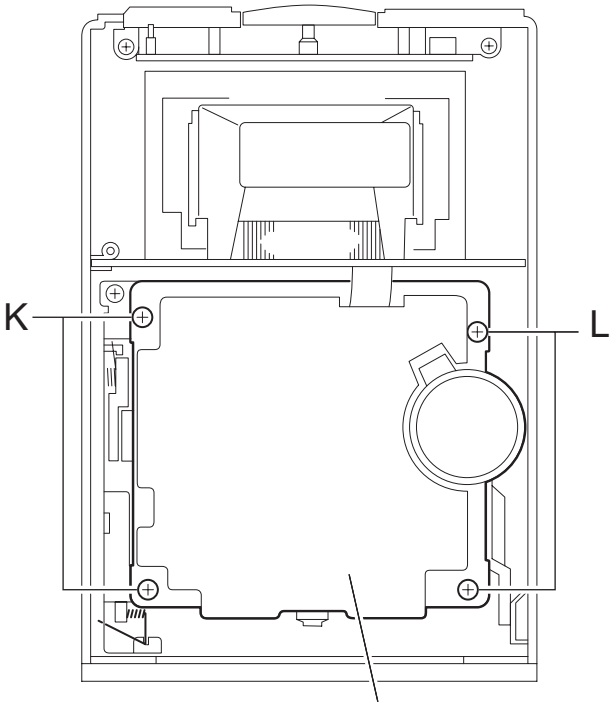


Fig.17

3.1.9 Remove the LCD system CPU board (See Fig.18)

(1) Disconnect the wire from the connector CN716 on the LCD system CPU board.
(2) Release the two joints **f** and pull out the LCD system CPU board.

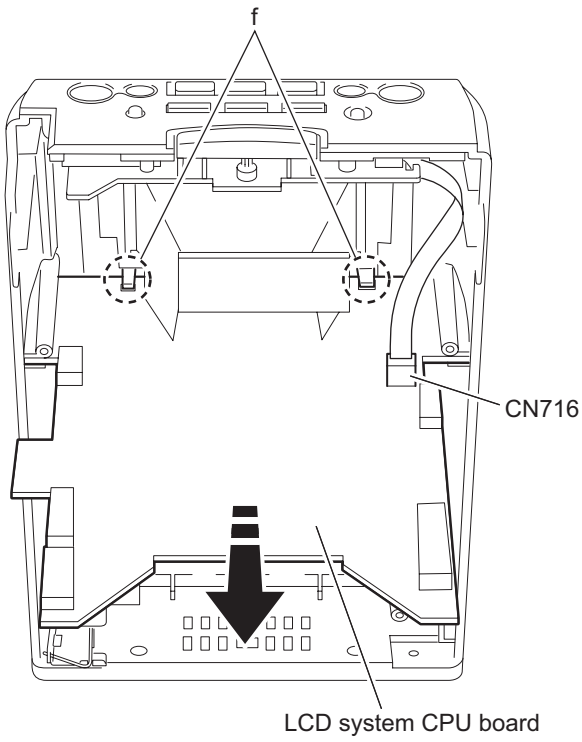


Fig.18

3.1.10 Removing the operating switch board (See Fig.19,20)

- Prior to performing the following procedure, remove the front panel assembly, the cassette mechanism assembly and the LCD system CPU board.
  (1) Remove the two screws **M** attaching the operating switch button.
  (2) Remove the two screws **N** attaching the operating switch board, and remove.

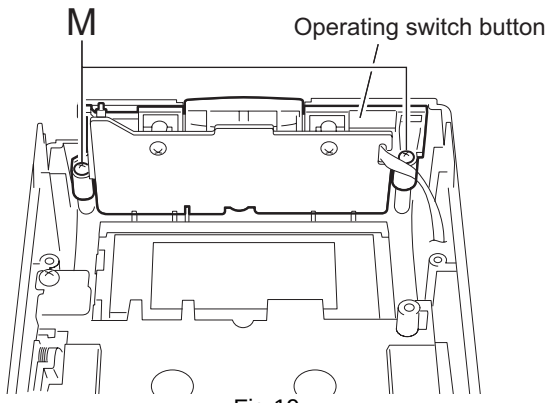


Fig.19

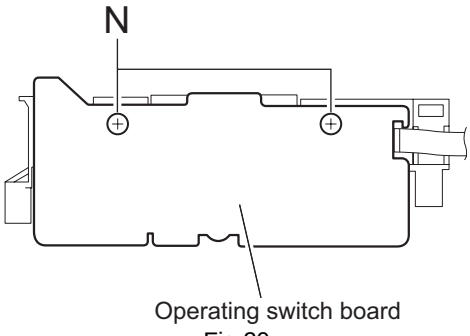


Fig.20

3.2 Cassette mechanism assembly

3.2.1 Removing the Play/Record & Clear head (See Fig.1~3)

(1) While moving the trigger arm on the right side of the head mount in the direction of the arrow, turn the flywheel **R** counterclockwise until the head mount comes ahead and clicks.
(2) The head turns counterclockwise as you turn the flywheel **R** counterclockwise (See Fig.2 and 3).
(3) Disconnect the flexible wire from connector CN31 on the head amplifier & mechanism control board.
(4) Remove the spring from the back of the head.
(5) Loosen the azimuth screw for reversing attaching the head.
(6) Remove the head on the front side of the head mount.

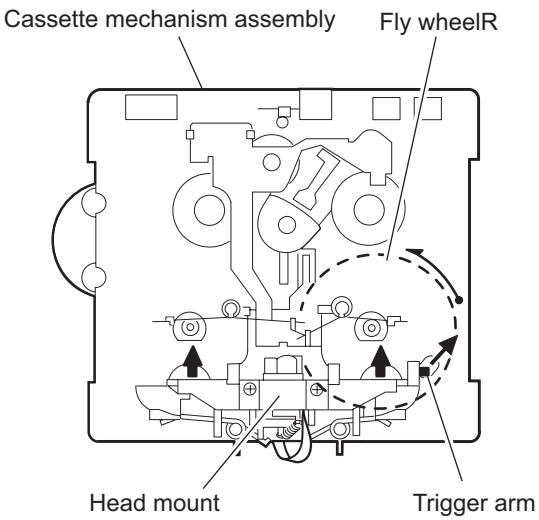


Fig.1

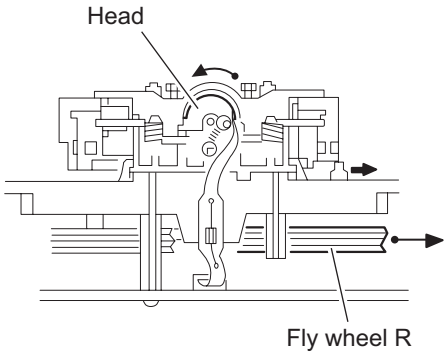


Fig.2

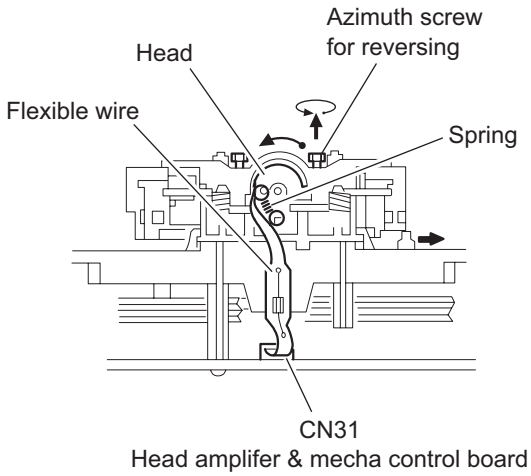


Fig.3

3.2.2 Removing the head amplifier & mechanism control board (See Fig.4)

(1) Turn over the cassette mechanism assembly and remove the three screws **A** attaching the head amplifier & mechanism control board.
(2) Disconnect the flexible wire from connector CN31 on the head amplifier & mechanism control board.
(3) Disconnect connector CN32 of the head amplifier & mechanism control board from connector CN1 on the reel pulse board.

REFERENCE:

If necessary, unsolder the 4-pin wire soldered to the main motor.

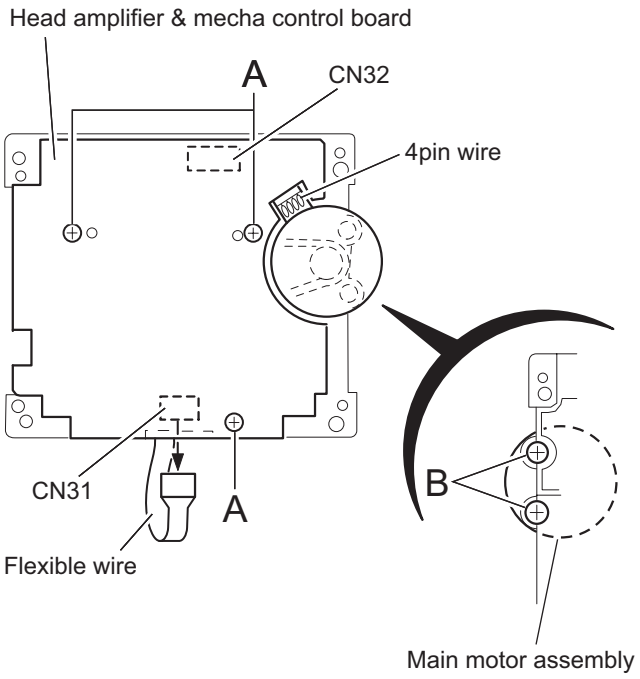


Fig.4

3.2.3 Removing the main motor (See Fig.4~7)

(1) Remove the two screws **B**.
(2) Half raise the motor and remove the capstan belt from the motor pulley.

ATTENTION:

Be careful to keep the capstan belt from grease. When reassembling, refer to Fig.6 and 7 for attaching the capstan belt.

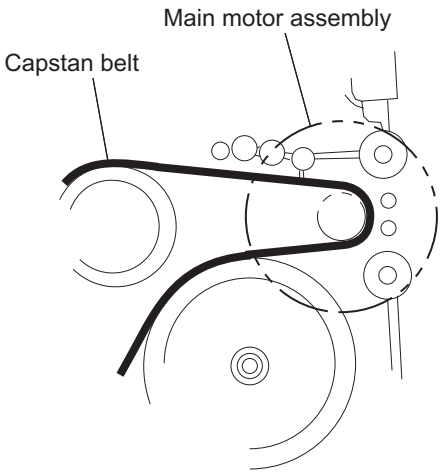


Fig.5

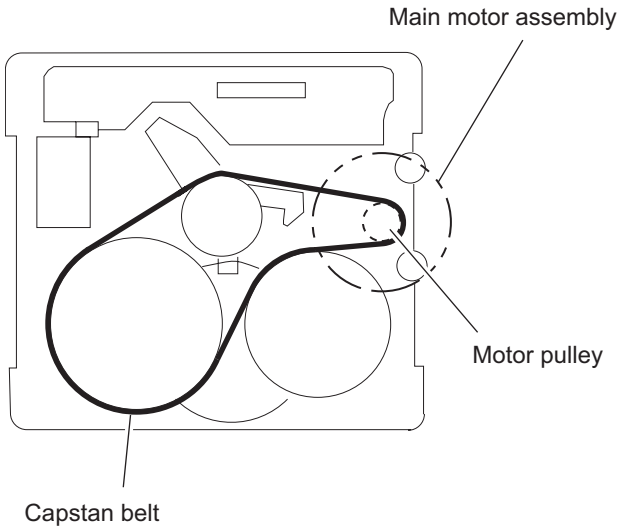


Fig.6

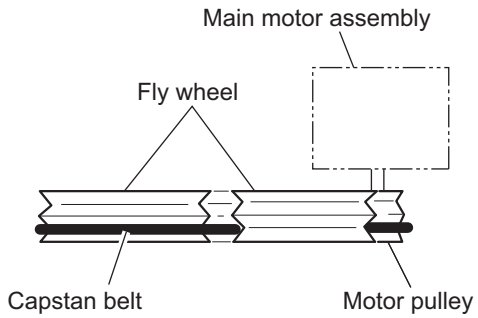


Fig.7

3.2.4 Removing the flywheel (See Fig.8, 9)

- Prior to performing the following procedure, remove the head amplifier & mechanism control board and the main motor assembly.
  (1) From the front side of the cassette mechanism, remove the slit washers attaching the capstan shaft **L** and **R**. Pull out the flywheels backward.

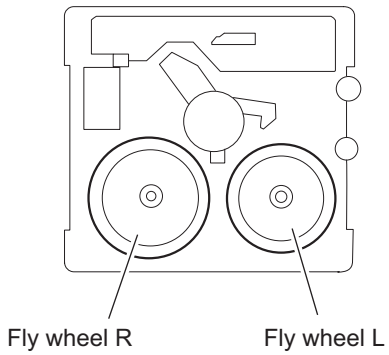


Fig.8

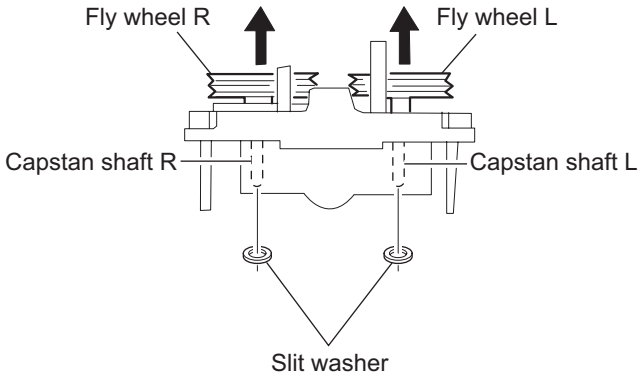


Fig.9

3.2.5 Removing the reel pulse board and solenoid (See Fig.10)

- Prior to performing the following procedure, remove the head amplifier & mechanism control board.
  (1) Remove the screw **C**.
  (2) Release the tab **a**, **b**, **c**, **d** and **e** retaining the reel pulse board.
  (3) Release the tab **f** and **g** attaching the solenoid on the reel pulse board.
  (4) The reel pulse board and the solenoid come off.

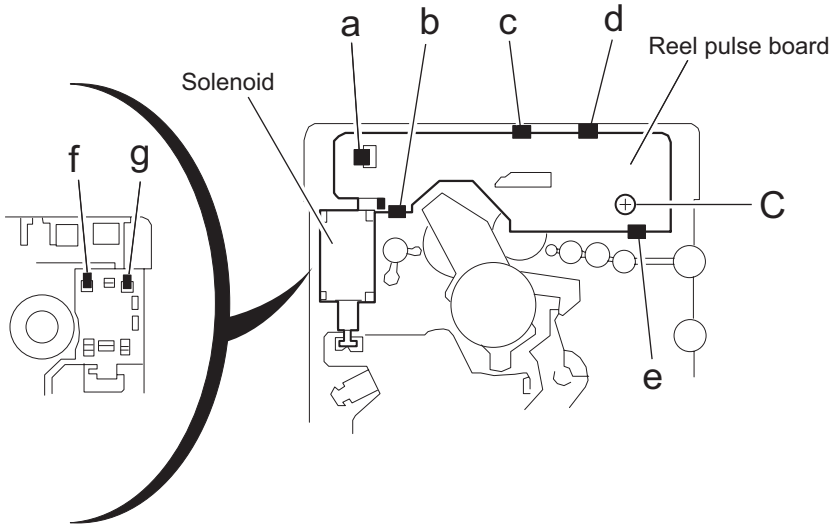


Fig.10

3.2.6 Reattaching the Play/ Record & Clear head (See Fig.11~13)

(1) Reattaching the head mount assembly.

a) Change front of the direction cover of the head mount assembly to the left (Turn the head forward).

b) Fit the bosses **O'**, **P'**, **Q'**, **U'** and **V'** on the head mount assembly to the holes **P** and **V**, the slots **O**, **U** and **Q** of the mechanism sub assembly (See Fig.11 to 13).

CAUTION:

To remove the head mount assembly, turn the direction cover to the left to disengage the gear. If the gear can not be disengaged easily, push up the boss **Q'** slightly and raise the rear side of the head mounts slightly to return the direction lever to the reversing side.

(2) Tighten the azimuth screw for reversing.

(3) Reattach the spring from the back of the Play / Record & Clear head.

(4) Connect the flexible wire to connector CN31 on the head amplifier & mechanism control board.

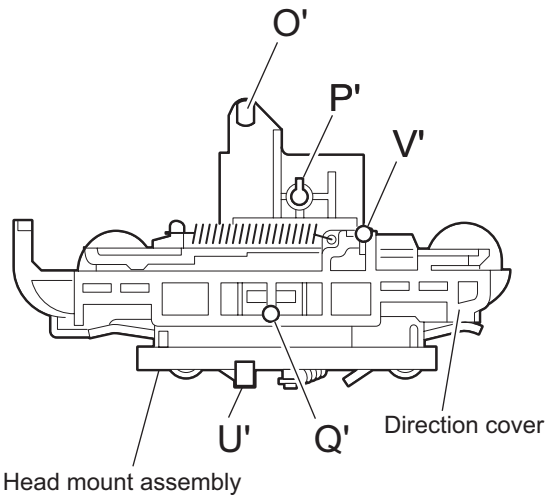


Fig.11

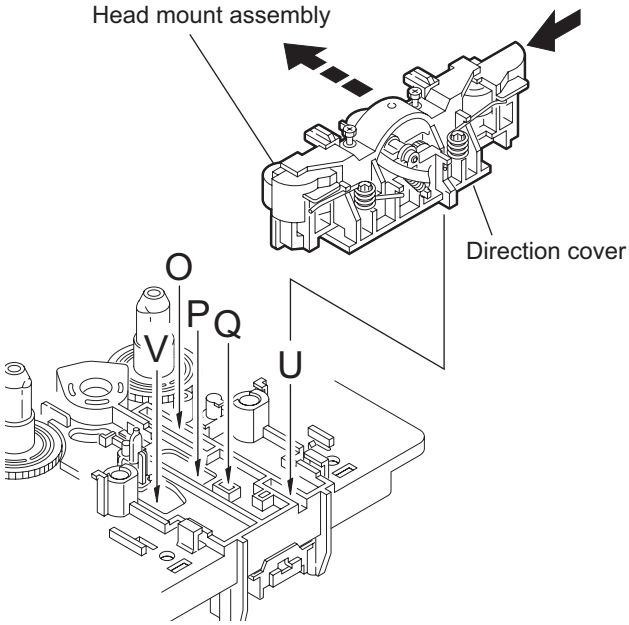


Fig.12

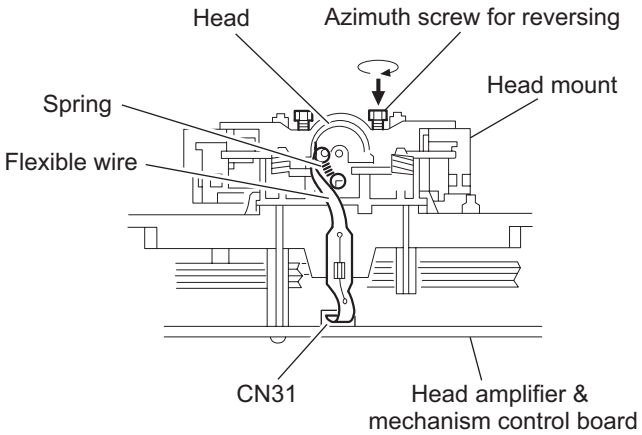


Fig.13

SECTION 4
ADJUSTMENT

4.1 Measurement Instruments Required for Adjustment

(1) Low frequency oscillator
This oscillator should have a capacity to output 0dBs to 600Ω at an oscillation frequency of 50Hz-20kHz.
(2) Attenuator impedance : 600Ω
(3) Electronic voltmeter
(4) Distortion meter
(5) Frequency counter
(6) Wow & flutter meter
(7) Test tape
VT703L : Head azimuth
VT712 : Tape speed and running unevenness (3kHz)
VT724 : Reference level (1kHz)
(8) Blank tape
TYPE Ⅰ : AC-225
TYPE Ⅱ : AC-514
(9) Torque gauge : For play and back tension
FWD(TW2111A), REV(TW2121a) and FF/REW(TW2231A)
(10) Test disc: CTS-1000

4.2 Measurement conditons

Power supply voltage	AC240V~, 50Hz
Reference output	Speaker : 0.775V/6Ω Headphone : 0.077V/32Ω

Reference frequency and input level	1kHz, AUX : -8dBs
Measurement output terminal	at Speaker J3002
Load resistance	4Ω

4.2.1 Radio Input signal

AM frequency	400Hz
AM modulation	30%
FM frequency	400Hz
FM frequency deviation	22.5kHz

4.2.2 Tuner section

Voltage applied to tuner	+B : DC5.7V VT : DC 12V
Reference measurement output	26.1mV(0.28V)/3Ω
Input positions	AM : Standard loop antenna FM : TP1 (hot) and TP2 (GND)

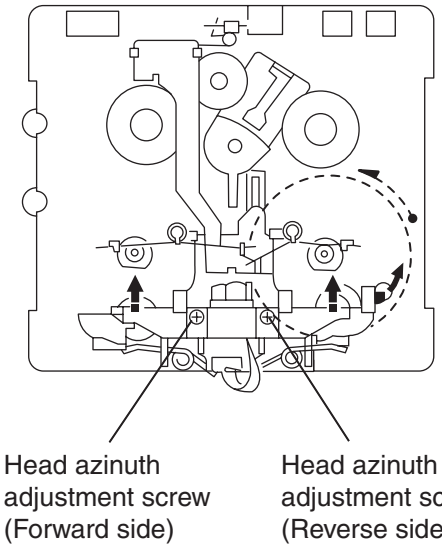
4.2.3 Standard measurement position of volume

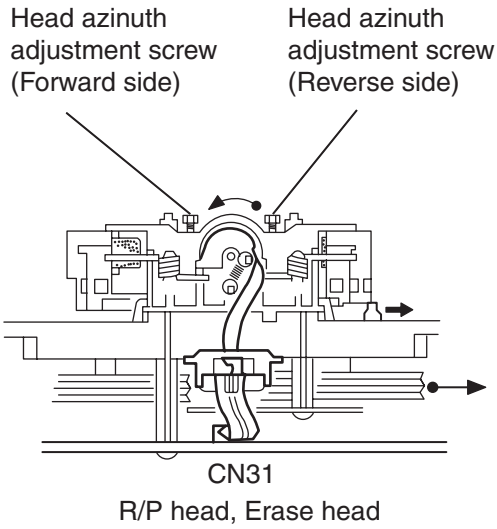
Function switch	to Tape
Beat cut switch	to Cut
Super Bass/Active hyper Bass	to OFF
Bass Treble	to Center
Adjustment of main volume to reference output	VOL : 0.775V

Precautions for measurement

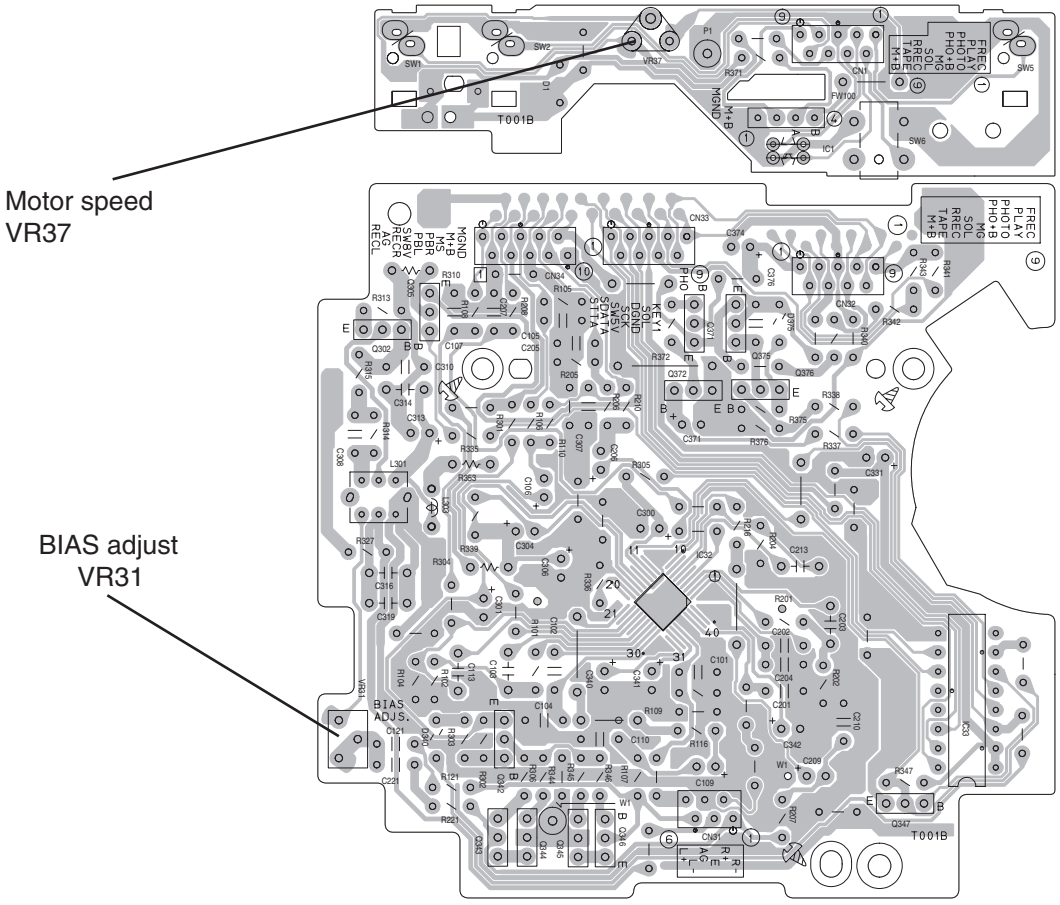
(1) Apply 30pF and 33kΩ to the IF sweeper output side and 0.082μ F and 100kΩ in series to the sweeper input side.
(2) The IF sweeper output level should be made as low as possible within the adjustable range.
(3) Since the IF sweeper is a fixed device, there is no need to adjust this sweeper.
(4) Since a ceramic oscillator is used, there is no need to perform any MIX adjustment.
(5) Since a fixed coil is used, there is no need to adjust the FM tracking.
(6) The input and output earth systems are separated. In case of simultaneously measuring the voltage in both of the input and output systems with an electronic voltmeter for two channels, therefore, the earth should be connected particularly carefully.
(7) In the case of BTL connection amp., the minus terminal of speaker is not for earthing. Therefore, be sure not to connect any other earth terminal to this terminal. This system is of an BTL system.
(8) For connecting a dummy resistor when measuring the output, use the wire with a greater code size.
(9) Whenever any mixed tape is used, use the band pass filter (DV-12).

4.3 Cassette mechanism adjustment





Mecha control board



4.3.1 Mechanism section

Item	Condition	Measurement method	Ref. value	Adjustment position
Head azimuth	Test tape :VT703L (8kHz) Output terminal :Speaker out	(1) Playback the test tape VT703L (8kHz). (2) Adjust to maximum output level by azimuth adjustment screw for forward side and reverse side. (3) This adjustment is adjust by adjustment screw of forward side and adjustment screw of reverse side.	Maximum output	Only adjust at changed head
Tape speed	Test tap :VT712 (3kHz) Output terminal :Speaker out or Headphone out	Playback the test tape VT712 (3kHz) at end of forward side,adjust to 2,940~3,90Hz indication of frequency counter by VR37.	2,940 ~ 3,090Hz	VR37

Item	Condition	Measurement method	Ref. value	Adjustment position
Tape speed diviation at FWD/ REV	Test tape : VT712 (3kHz) Output terminal :Speaker out or Headphone out	Playback the test tape VT712 (3kHz) at end of forward and reverse, tape speed deviation should be less than 6.0Hz.	Leass than 6.0Hz	VR31
Wow & Flutter	Test tape : VT712 (3kHz) Output terminal :Speaker out or Headphone out	Playback the test tape VT712 (3kHz) at start of forward and reverse, Wow & Flutter are should be less than 0.25%(WRMS).	Less than 0.25% (WRMS)	

4.3.2 Electrical adjustment

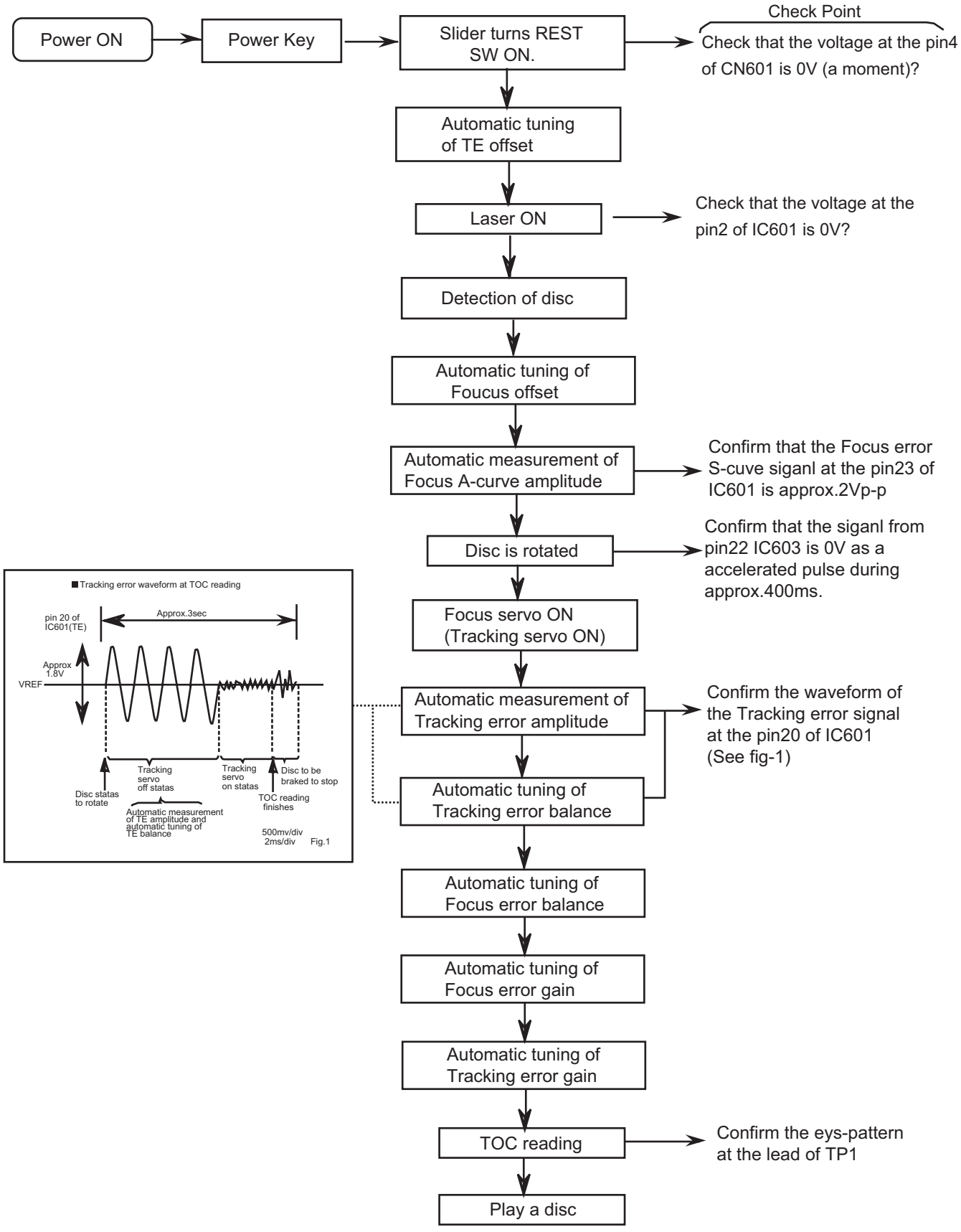
Item	Condition	Measurement method	Ref. value	Adjustment position
Recording BIAS adjustment	• Forward or Reverse • Test tape : AC-514 TYPE II : AC-225 TYPE I • Output termina Recording head	(1) Set the test tape(AC-514 TYPE II and AC-225 TYPE I), then make REC/ PAUSE condition. (2) Connect 100Ω to recording head by series, then connect to VTVM for measurement the current. (3) After setting, start the recording by release the PAUSE, in this time bias current adjust to next fig. by VR31 for Lch and VR32 for Rch. 4.0 μA (TYPE II) and 4.20 μA (TYPE I).	AC-225 : 4.20μA AC-514 : 4.0μA	VR31
R/P playback frequency response	• Reference frequency : 1kHz / 10kHz (Reference: -20dB) • Test tape : AC-514 TYPE II • Input terminal : OSC IN	(1) Set the test tape (AC-514 TYPE), then make REC/PAUSE condition. (2) Release the PAUSE, then start recording the 1kHz and 10kHz of reference frequency from oscillator. (3) Playback the recorded position, 1kHz and 10kHz output deviation should -1dB 2dB to readjust by VR31 for Lch and VR32 for Rch.	Output deviation 1kHz/10kHz : -1dB ± 2dB	VR31

4.3.3 Electrical response confirmation

Item	Condition	Measurement method	Ref. value	Adjustment position
Recording bias current	• Forward or Reverse • Test tape : TYPE ll (AC-514) • Measurement terminal : BIAS test point on printed circuit board	(1) Change BIAS1 and 2, confirm the frequency should be change. (2) Set the test tape (AC-514 TYPE ll), then make REC/PAUSE condition. (3) Confirm the frequency should 100Hz ± 6kHz at BIAS test point on printed circuit board.	100 kHz ± 6 kHz	
Erase current (reference value)	• Forward or Reverse • Rec condition Test tape : AC-514 TYPE ll : AC-225 TYPE l • Measurement terminal Both side of Erase head	(1) Set the test tape (AC-514 TYPE ll and AC-225 TYPE l), then make REC/PAUSE condition. (2) Release the PAUSE to REC condition, connect 1W to ERASE head by series, then confirm the erase current at both side of erase head.	TYPE ll : 120 mA TYPE l : 75 mA	

SECTION 5
TROUBLESHOOTING

5.1 Flow of functional operation until TOC read (CD)

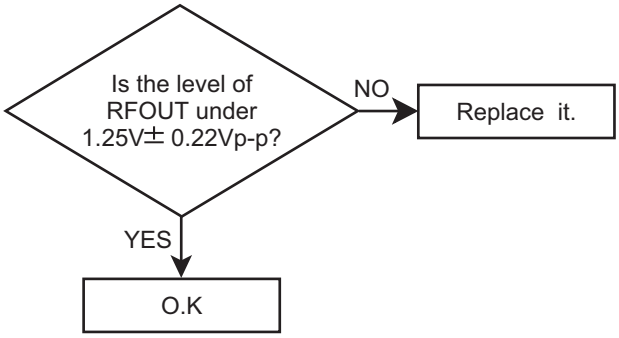


5.2 Maintenance of laser pickup (CD)

(1) Cleaning the pick up lens
Before you replace the pick up, please try to clean the lens with a alcohol soaked cotton swab.

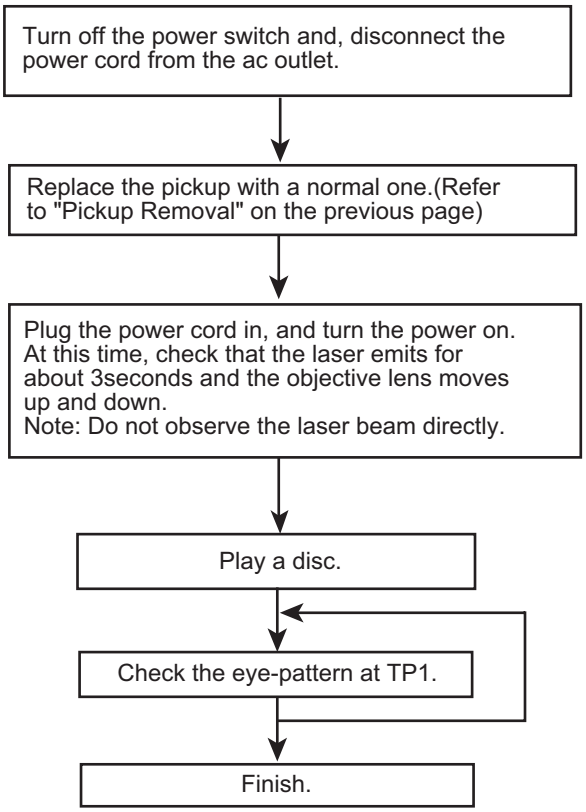
(2) Life of the laser diode
When the life of the laser diode has expired, the following symptoms will appear.

- The level of RF output (EFM output : amplitude of eye pattern) will below.



(3) Semi-fixed resistor on the APC PC board
The semi-fixed resistor on the APC printed circuit board which is attached to the pickup is used to adjust the laser power. Since this adjustment should be performed to match the characteristics of the whole optical block, do not touch the semi-fixed resistor.
If the laser power is lower than the specified value, the laser diode is almost worn out, and the laser pickup should be replaced.
If the semi-fixed resistor is adjusted while the pickup is functioning normally, the laser pickup may be damaged due to excessive current.

5.3 Replacement of laser pickup (CD)



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

(No.MB053)

Printed in Japan
WPC

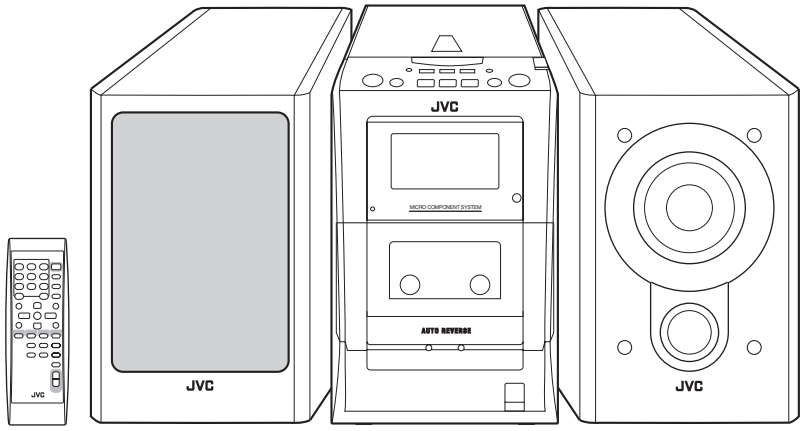
JVC

SCHEMATIC DIAGRAMS

MICRO COMPONENT SYSTEM

UX-H35

CD-ROM No.SML200309



COMPACT disc DIGITAL AUDIO

Area Suffix
A ---------- Australia

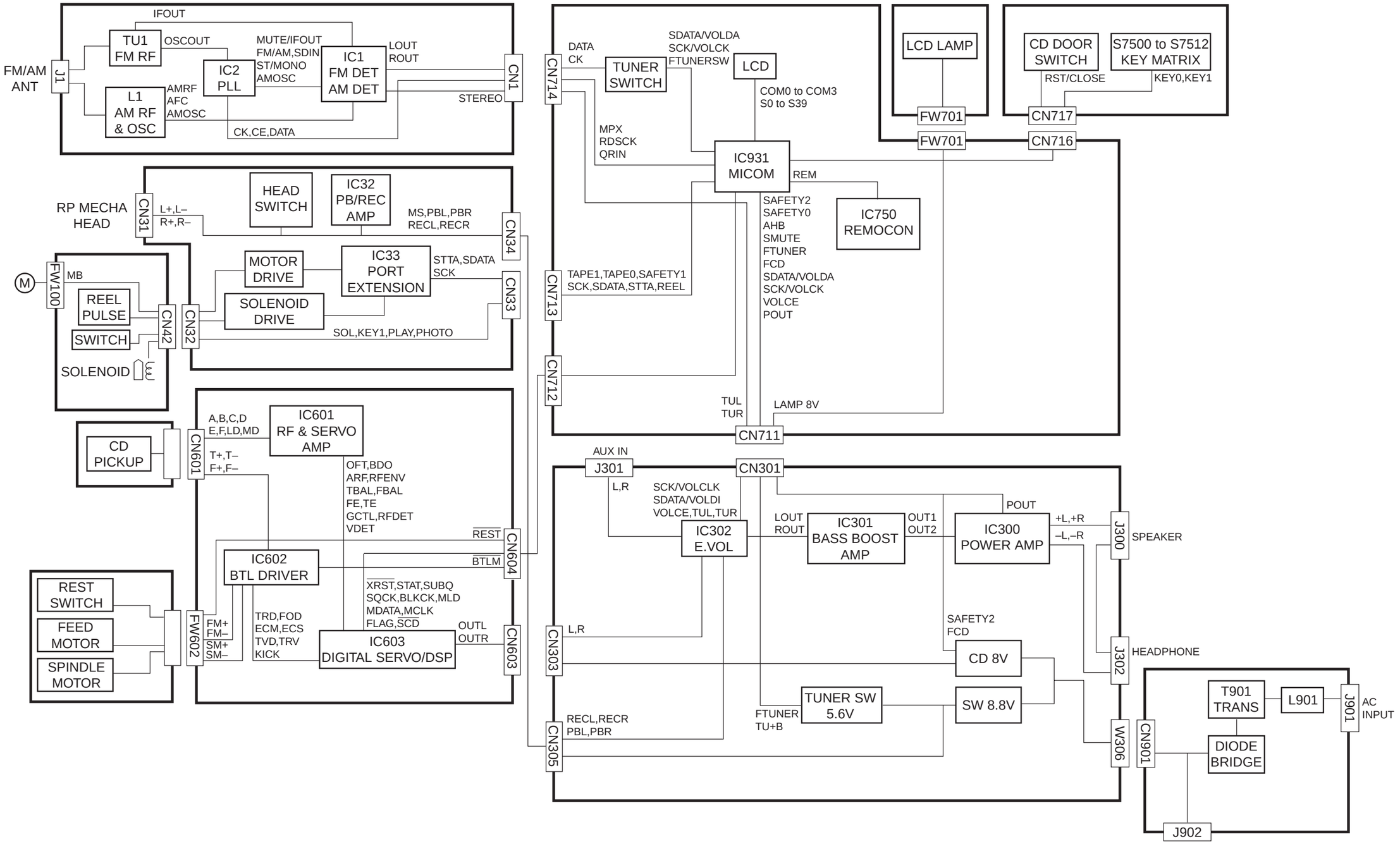
Contents

No.MB053SCH
2003/9

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 (), diode () and ICP () or identified by the "⚠" mark nearby are critical for safety.

(This regulation does not correspond to J and C version.)

Block diagram



Standard schematic diagrams

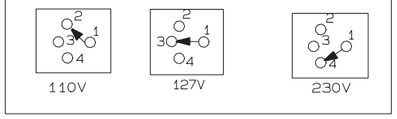
■ Primary section

MODEL : FS/UX-H30/H33/H35		
SHEET No.	MODEL NUMBERS TO BE APPLIED	CIRCUITS DESCRIPTION
1/7	FS/UX-H30/H33/H35	·PRIMARY WITH MAINS TRANSFORMER
2/7	FS/UX-H30/H33/H35	·DC REGULATOR, AUDIO OUTPUT ·EXTERNAL INPUT, SOURCE SELECTOR SWITCH
3/7	FS/UX-H30/H33/H35	·LCD DISPLAY/SYSTEM CONTROL/USERS KEY CONTROL.
4/7	FS/UX-H30/H33/H35	·CD SERVO AND CD SYSTEM CONTROL
5/7	FS/UX-H30/H33/H35	·TAPE DECK MECHANISM CONTROL ·TAPE CIRCUITS SUCH AS PRE-AMP AND BIAS.
6/7	FS/UX-H30/H33/H35	·TUNER RF/IF/FM MULTIPLEX (A/UF/E GROUPS)
7/7	FS/UX-H30/H33/H35	·TUNER RF/IF/FM MULTIPLEX (J/C/U GROUPS)

VERSION CODES

J	:USA
C	:CANADA
A	:AUSTRALIA
B	:U.K
E	:CONTINENTAL EUROPE
EN	:NORDIC COUNTRIES
EV	:EASTERN EUROPE & RUSSIA
UF	:CHINA
UP	:KOREA
UT	:TAIWAN
UW	:SOUTH AMERICA
U	:SINGAPORE AND UNIVERSAL EXCEPT ALL OF ABOVES

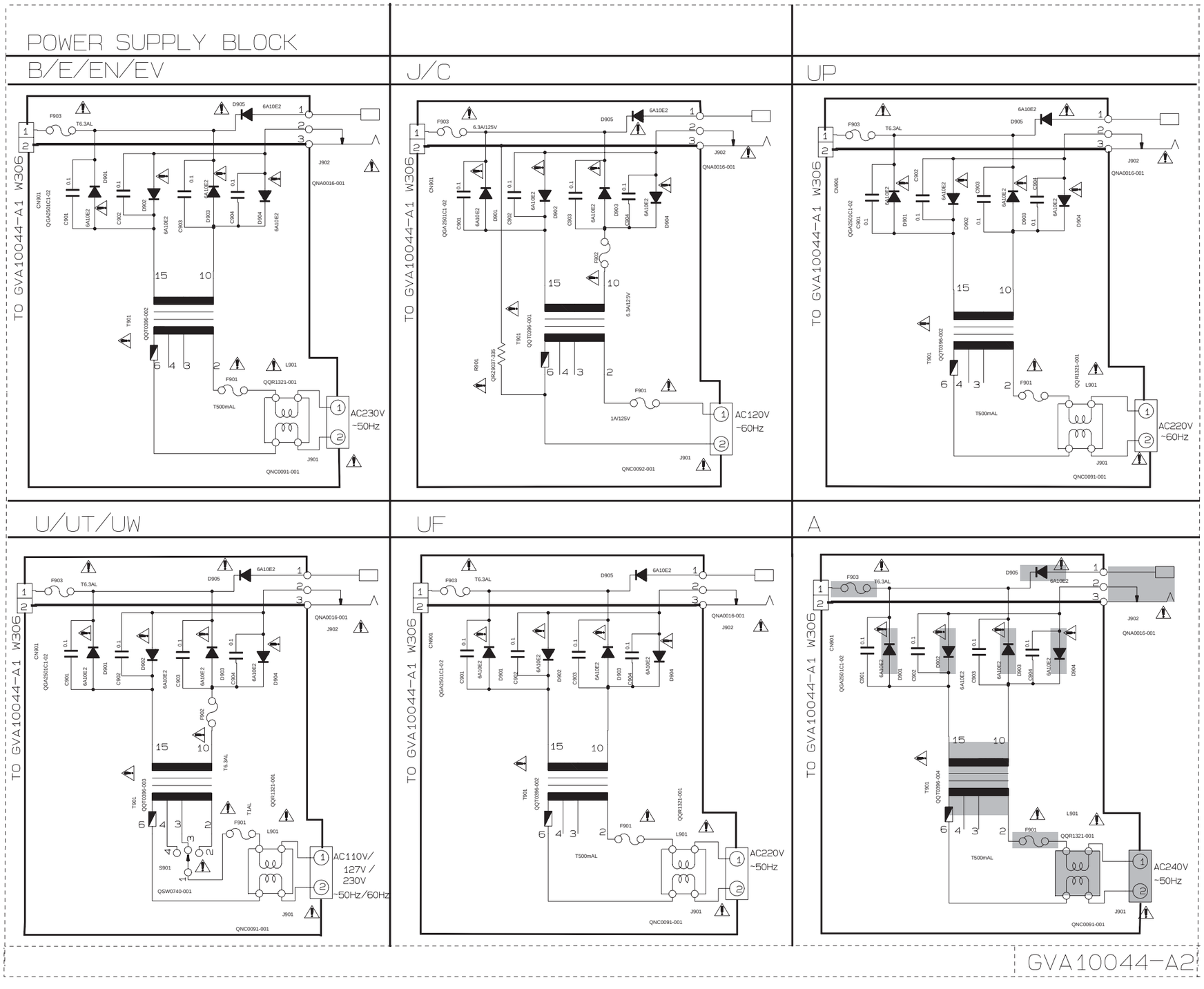
VOLTAGE SELECTOR LOCATION



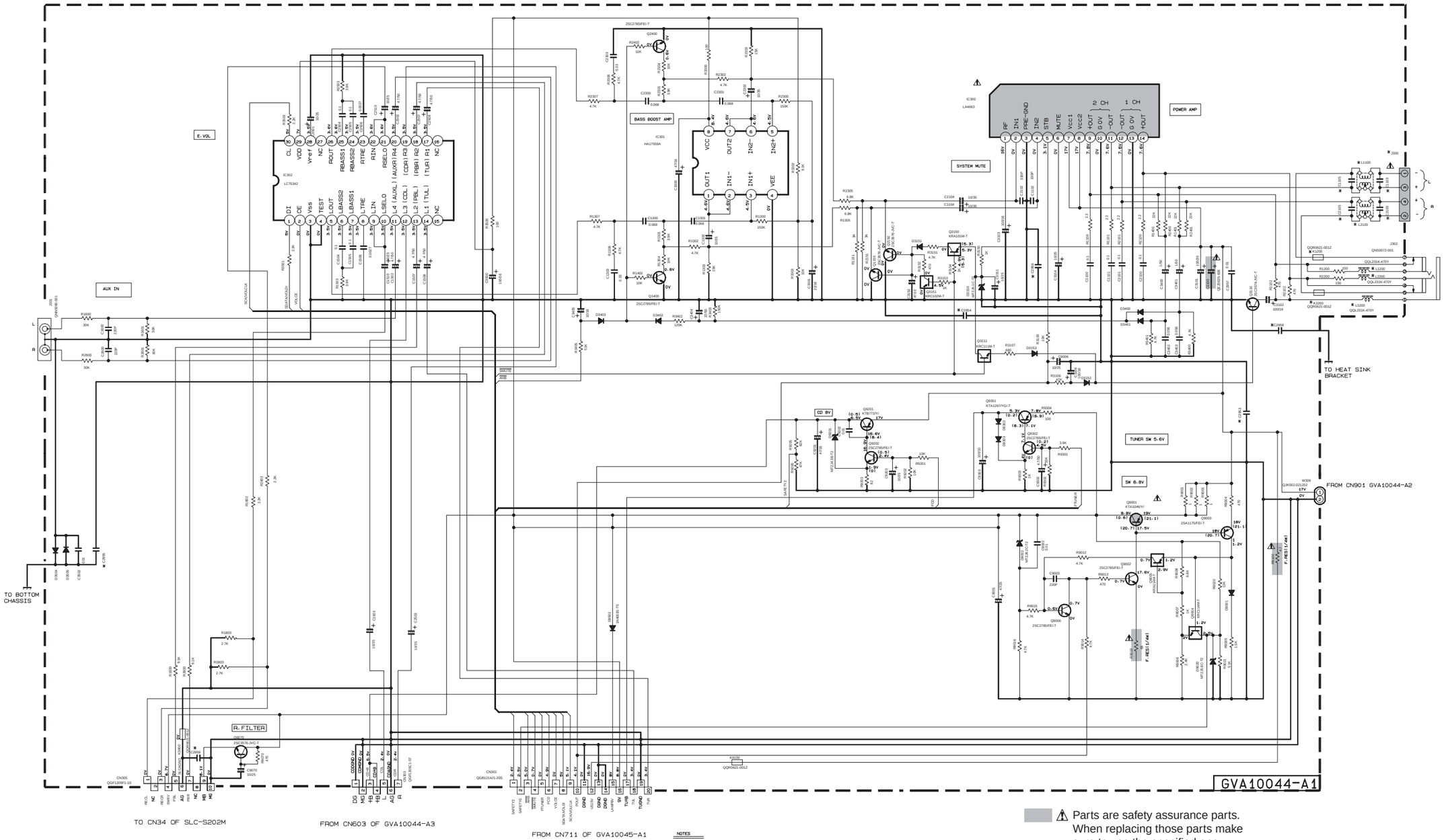
NOTES

1. VOLTAGE ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL
INSIDE BRACKET VALUES ARE OTHER FUNCTIONS
2. UNLESS OTHERWISE SPECIFIED, RESISTOR ARE 1/6W±5% CARBON RESISTOR.
ALL RESISTOR VALUES ARE IN OHM.
ALL CAPACITOR ARE CERAMIC CAPACITOR OR MYLAR CAPAPACITOR.
ALL CAPACITANCE VALUES ARE IN uF(P=pF).
ALL INDUCTANCE VALUES ARE IN uH(m=mH).
ALL E.CAPACITOR ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V).

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



■ Amp section



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

* PART LIST

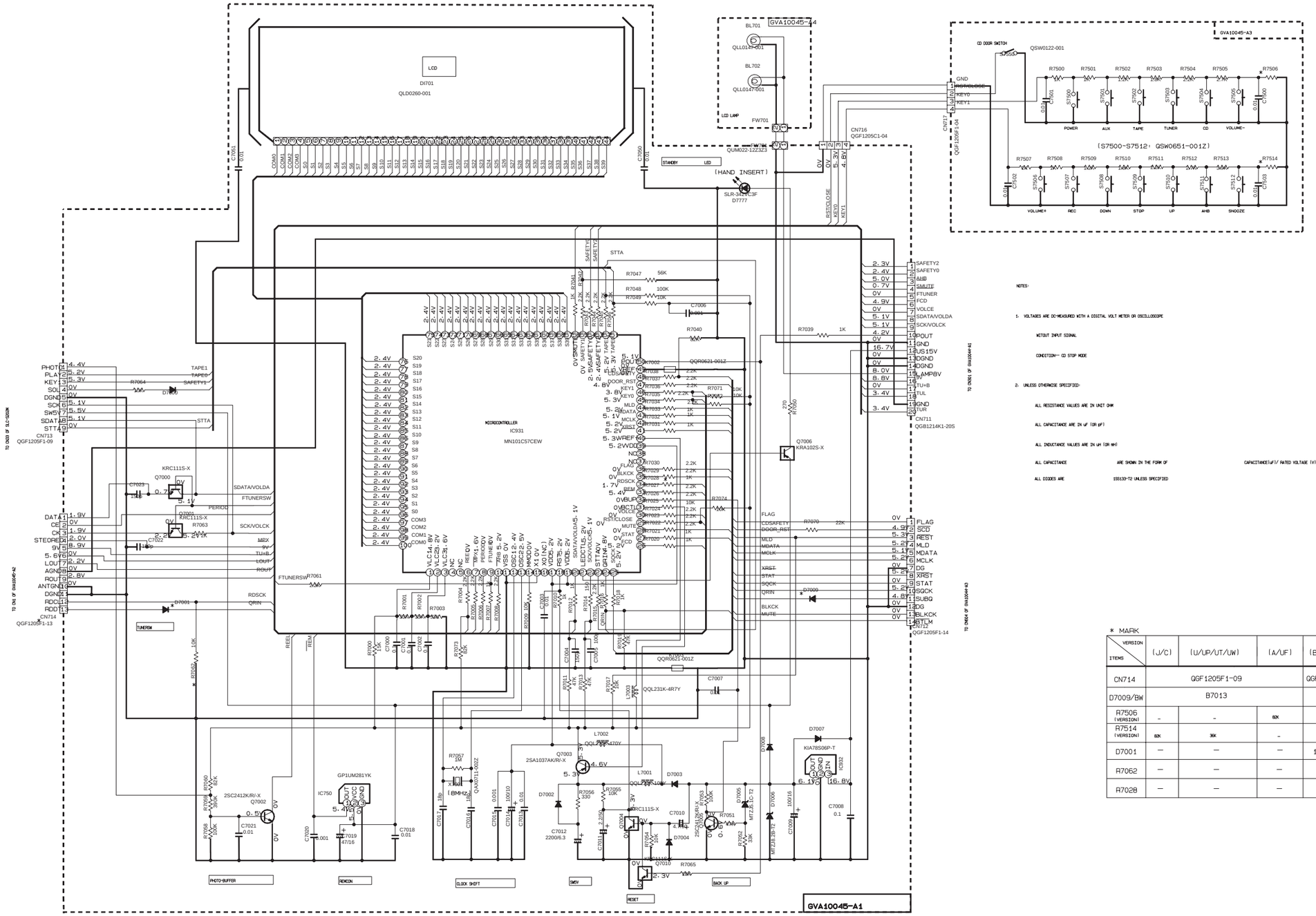
PART / VERSION	L1200/2200/3200	K1200/2200	C1105/2105	L1100	L2100	C1103/2103	J300	C2953/C2954/C2955/C2959	C2956/C2958
J/C	B2029/2030/2031	B2027/2028	—	B7208/7209	B7211/7212	—	GNB0117-002	—	—
B/E/EN/EV	QQL231K-470Y	QQR0621-001Z	220p	QQR0797-002	QQR0797-002	0.0033u	GNB0117-001	0.001	0.01
A/U/UF/UP/UT/UW	QQL231K-470Y	QQR0621-001Z	220p	QQR0797-002	QQR0797-002	0.0033u	GNB0117-001	0.001	0.01

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
   CONDITION ---- CD STOP MODE
   INSIDE BRACKET VALUES ARE OTHER FUNCTIONS
2. UNLESS OTHERWISE SPECIFIED ・RESISTORS ARE 1/6W ±5% CARBON RESISTOR.
   ALL RESISTANCE VALUES ARE IN Ω=m(Ω).
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL INDUCTANCE VALUES ARE IN μH(m=mH).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
   ALL DIODES(Dev. Name:1SS133-T2)

KRA101M-T 4.7K · KRA114M-T 47K · KRC102M-T 10K · KRC111M-T 10K · KRC114M-T 47K — OPEN

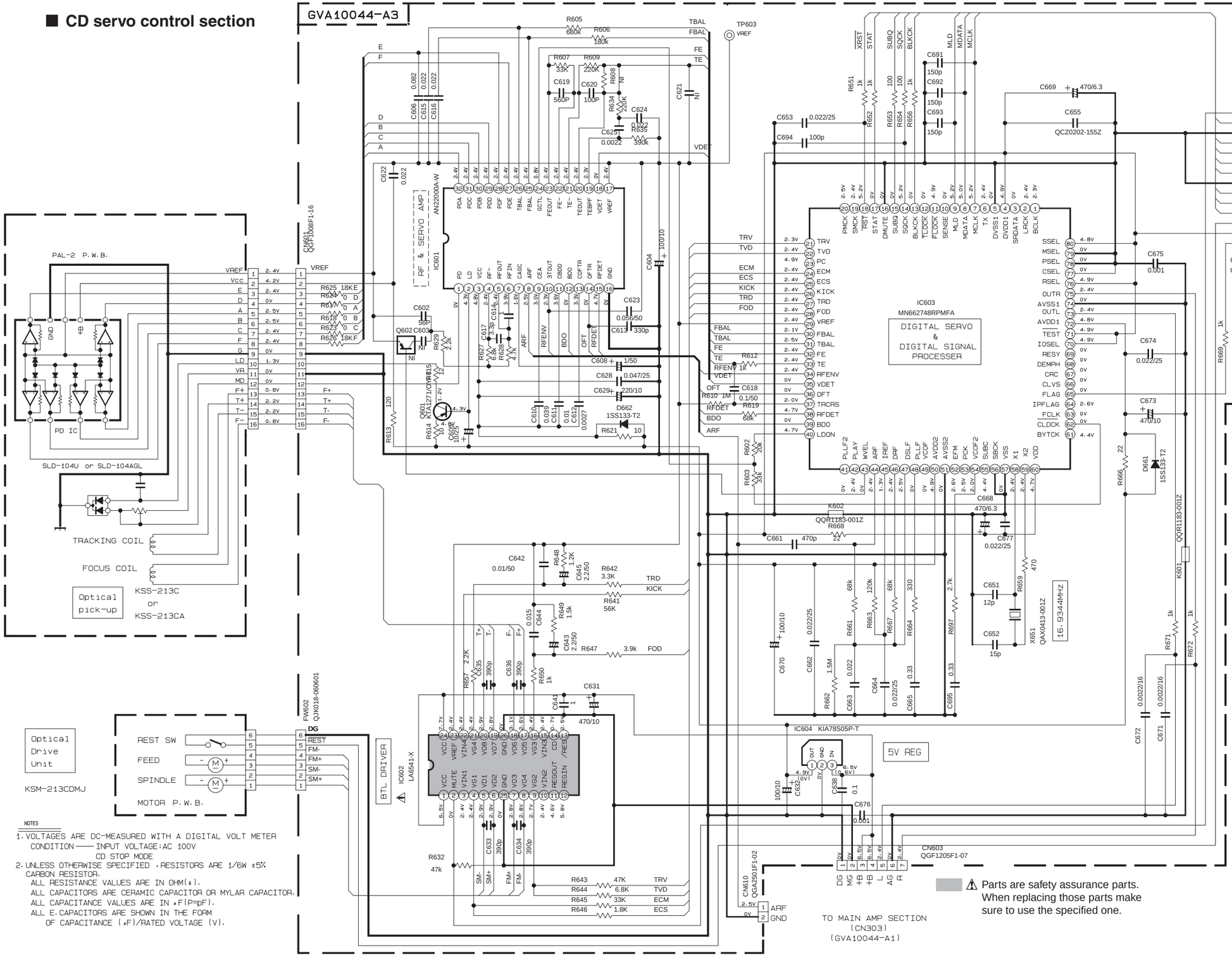
■ Micon / LCD & Key control section



* MARK

ITEMS \ VERSION	(J/C)	(U/UP/UT/UW)	(A/UF)	(B/E/EN/EV)
CN714	QGF1205F1-09			QGF1205F1-13
D7009/BW	B7013			D7009
R7506 (VERSION)	-	-	82K	39K
R7514 (VERSION)	82K	39K	-	-
D7001	—	—	—	1SS133-T2
R7062	—	—	—	10K
R7028	—	—	—	1K

■ CD servo control section

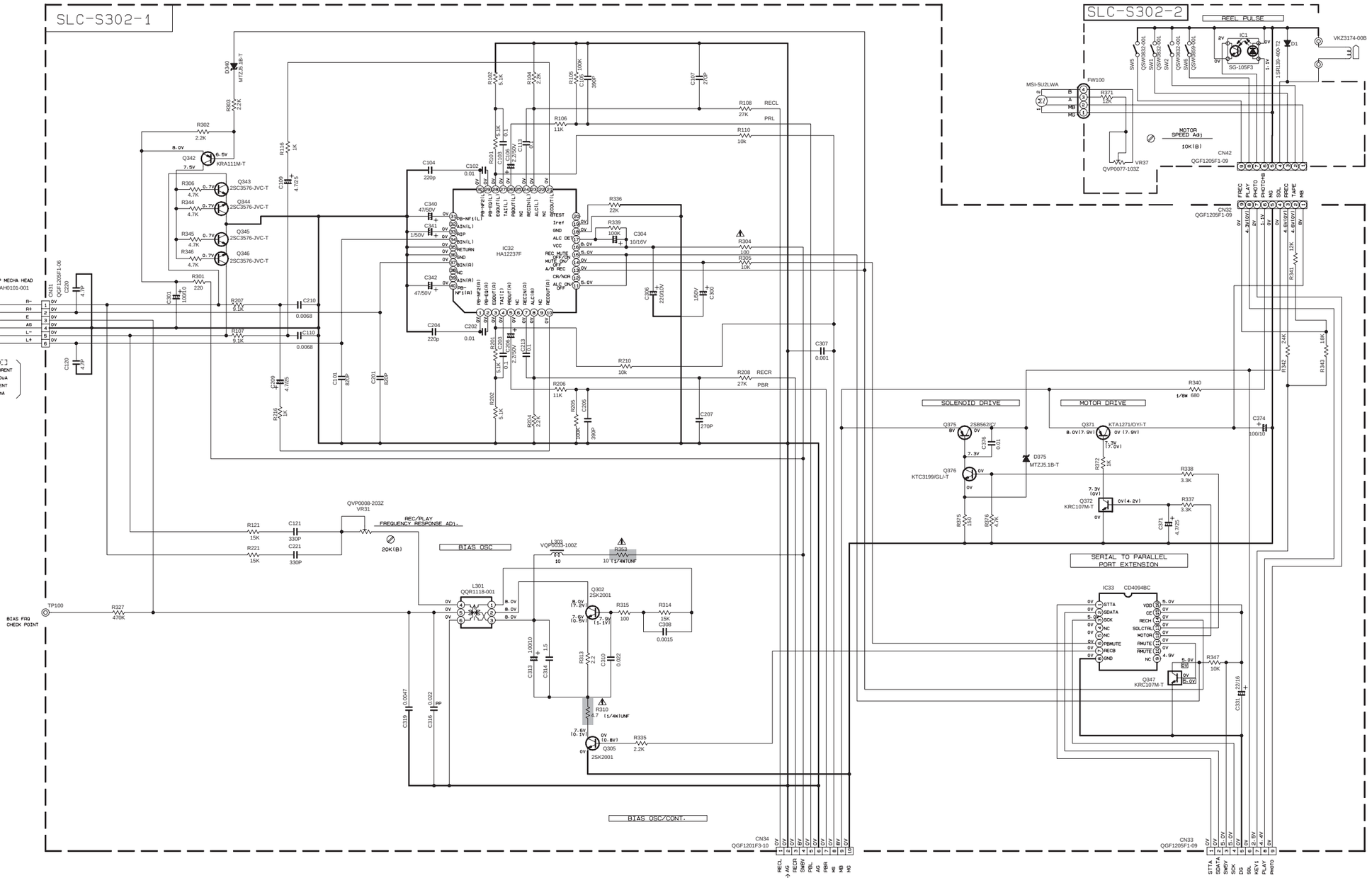


NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
   CONDITION —— INPUT VOLTAGE:AC 100V
   CD STOP MODE
2. UNLESS OTHERWISE SPECIFIED , RESISTORS ARE 1/6W ±5% CARBON RESISTOR.
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM
   OF CAPACITANCE (μF)/RATED VOLTAGE (V).

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

■ Cassette mechanism control section



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
   CONDITION : MECHA STOP MODE

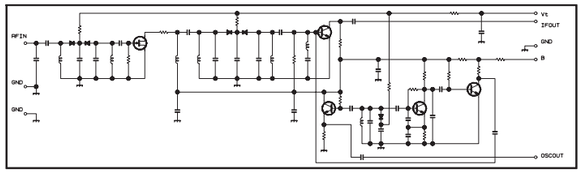
2. UNLESS OTHERWISE SPECIFIED · RESISTORS ARE 1/10W ±5% METAL GLAZE RESISTOR.
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL INDUCTANCE VALUES ARE IN μH(m=mH).
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
   ⫫ POLYPROPYLENE CAPACITOR

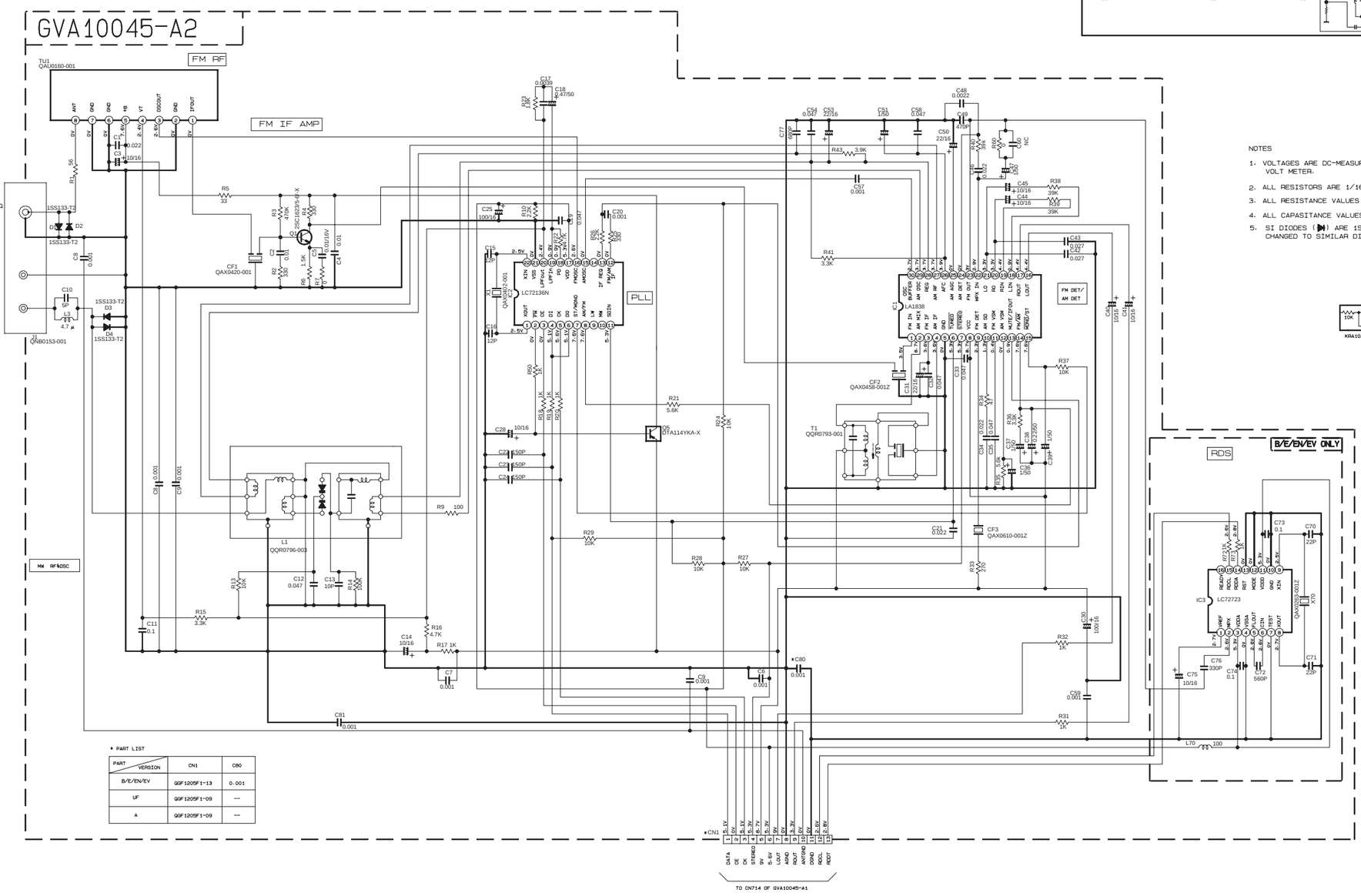
⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

■ Tuner section

	CONDITION PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
IC1	FM NO SIGNAL	3.6	8.9	3.6	3.6	0	5.0	5.0	8.9	8.9	1.3	0.1	0	0.9	7.8	7.8	4.3	4.3	4.3	4.3	3.4	3.4	2.8	3.4	0	0	3.5	3.5	3.6	3.6	2.7
	FM 60dB STEREO	3.6	8.9	3.6	3.6	0	0	5.0	8.9	8.9	1.3	4.3	0	0.9	7.8	7.8	4.3	4.3	4.3	4.3	3.4	3.4	2.8	3.4	0	0	3.6	3.6	3.6	3.6	2.7
	AM NO SIGNAL	3.5	9.0	3.5	3.5	0	5.0	5.1	9.0	2.6	1.3	0	0	0.9	4.7	5.5	4.3	4.3	4.3	4.3	3.3	3.2	2.8	ust	0.7	0.7	3.6	3.6	3.6	3.6	2.1
IC2	FM NO SIGNAL	2.5	0	0	5.0	4.9	5.0	7.9	7.8	3.6	6.1	5.1	0	0	0	0	2.5	5.1	0.9	0.9	3.8	0	2.3								

Tr NO.	Q1			Q5					
PIN NO.	E	C	B	E	C	B			
FM 87.5MHz NO SIGNAL	0	7.1	0.85	8.9	8.8	0			
AM 522KHz NO SIGNAL	0	0	0	9.0	0	8.9			





NOTES

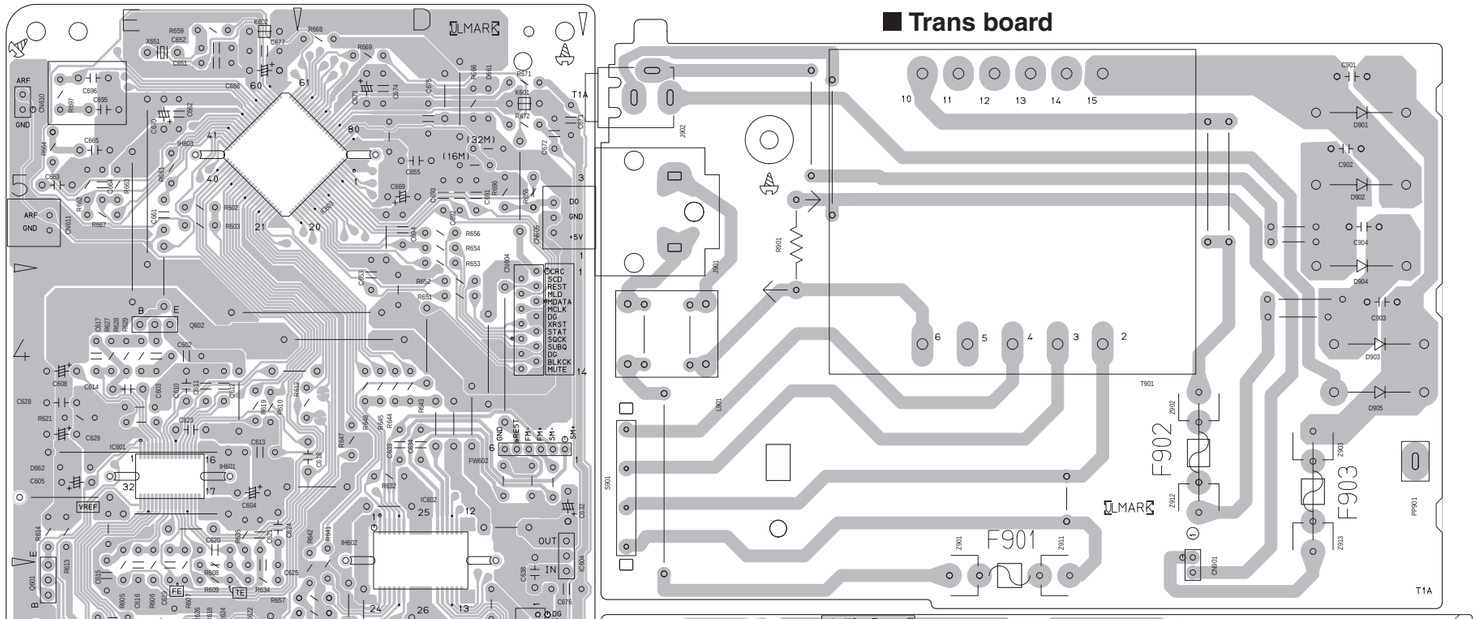
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER.
2. ALL RESISTORS ARE 1/16W ±5% METAL GLAZE RESISTOR.
3. ALL RESISTANCE VALUES ARE IN OHM(Ω).
4. ALL CAPASITANCE VALUES ARE IN μF(P=pF).
5. SI DIODES (▶|) ARE 1SS133-T THAT CAN BE CHANGED TO SIMILAR DIODE SUCH AS MA165 OR HSS104J.

* PART LIST

PART / VERSION	CN1	C80
B/E/EN/EV	QQF1205F1-13	0.001
UF	QQF1205F1-09	—
A	QQF1205F1-09	—

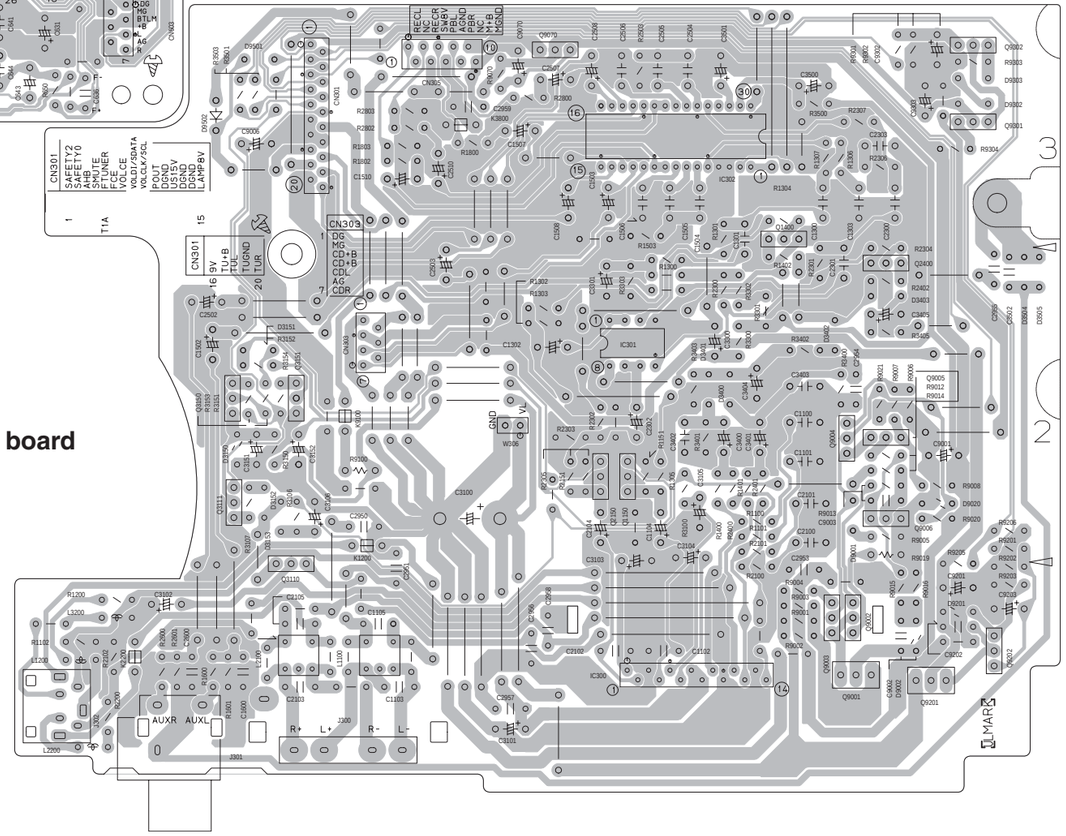
Printed circuit boards

■ Trans board

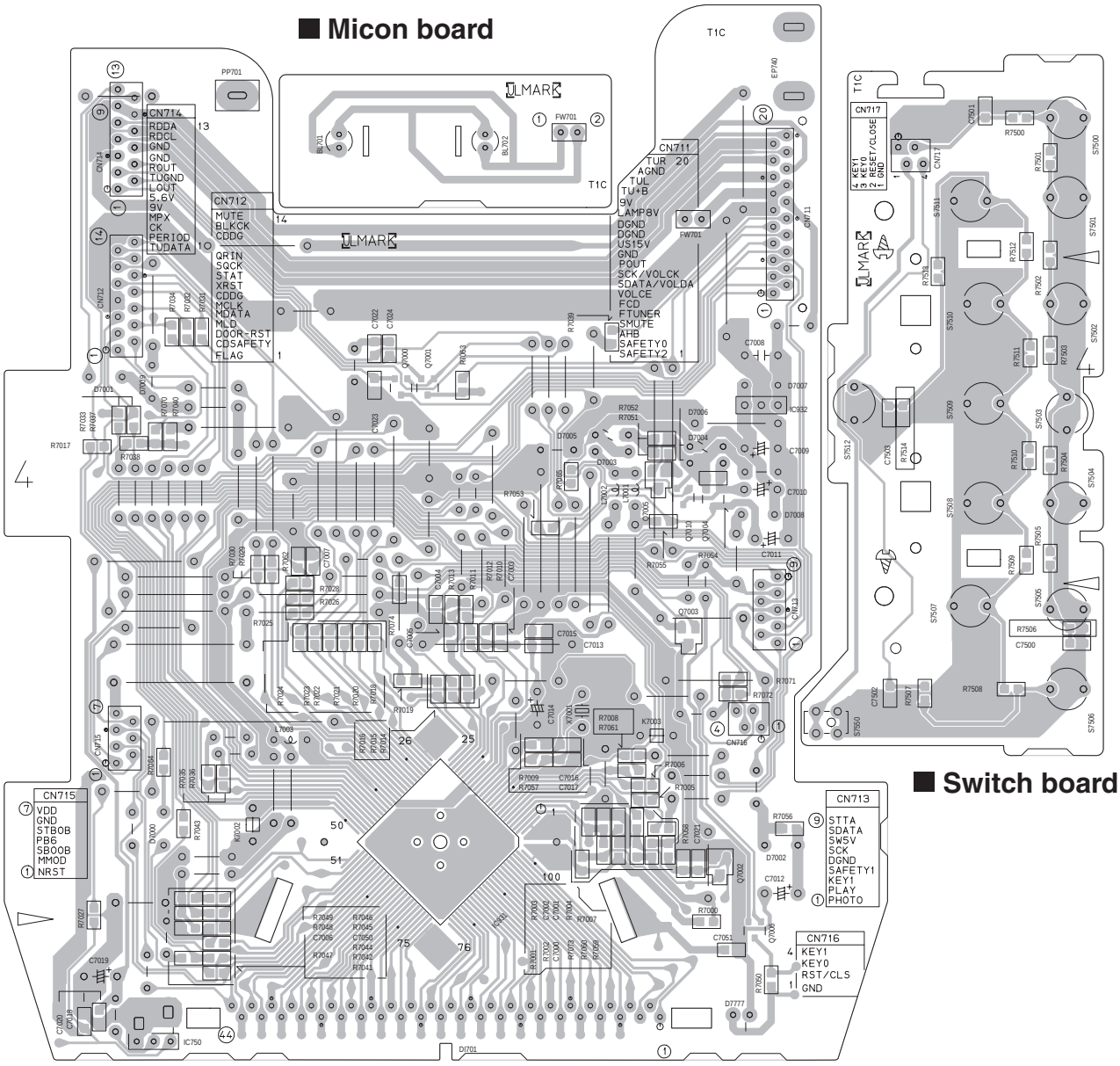


■ CD board

■ Main board



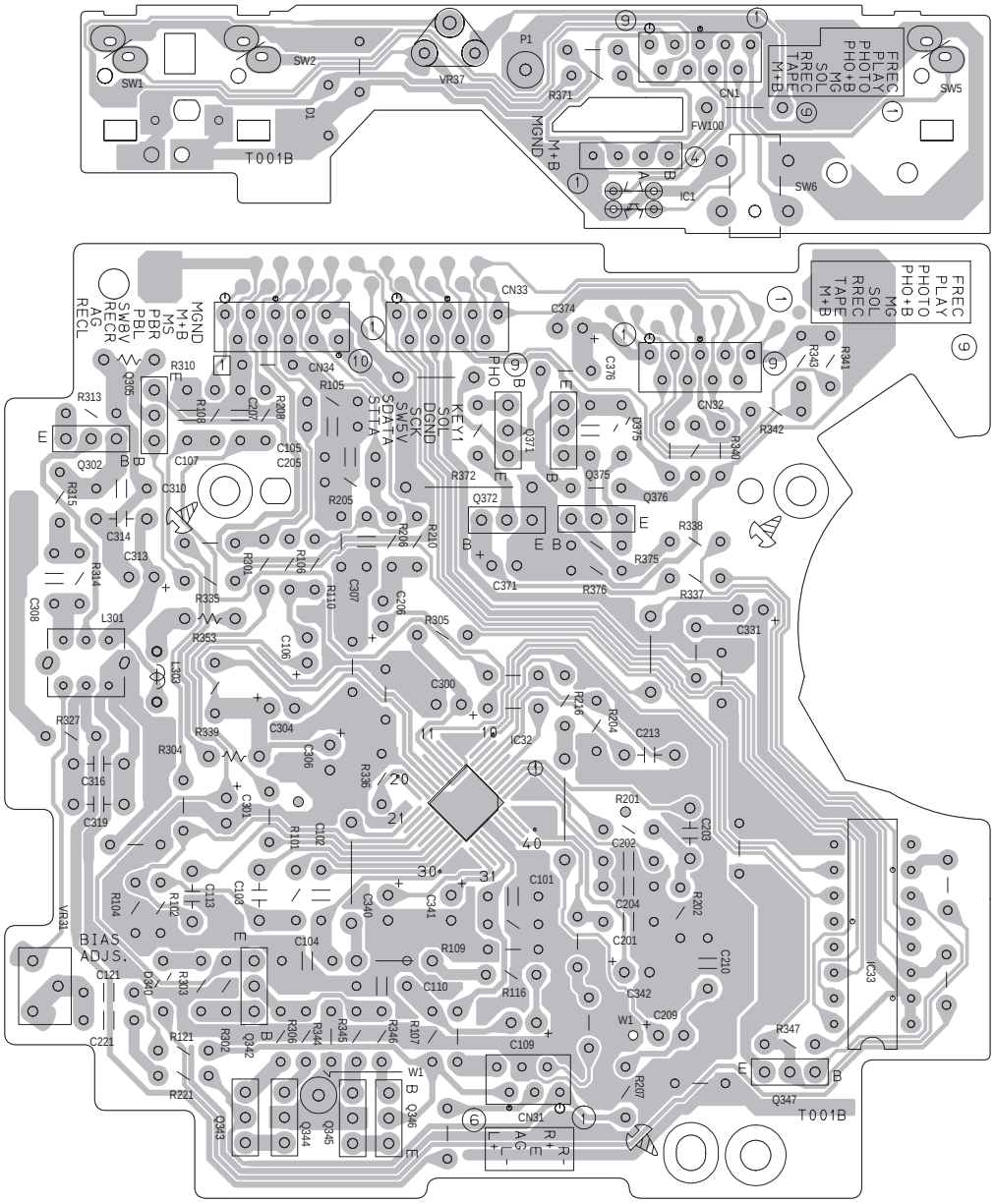
■ Micon board



■ Switch board

■ Tuner board

■ Cassette (switch) board



■ Cassette board

< MEMO >

JVC

VICTOR COMPANY OF JAPAN, LIMITED

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

(No.MB053SCH)

Printed in Japan
WPC

PARTS LIST

[UX-H35]

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

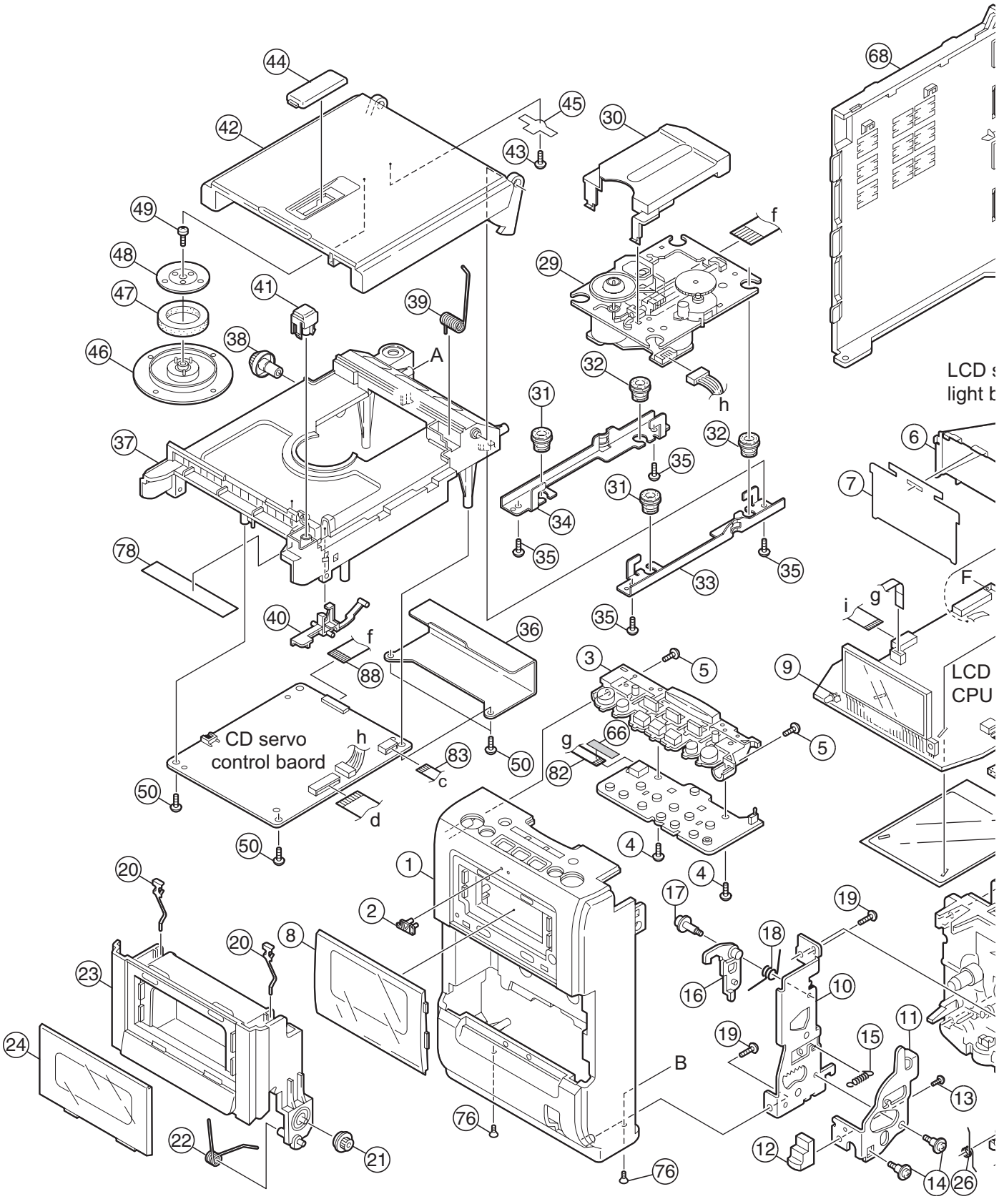
Area suffix

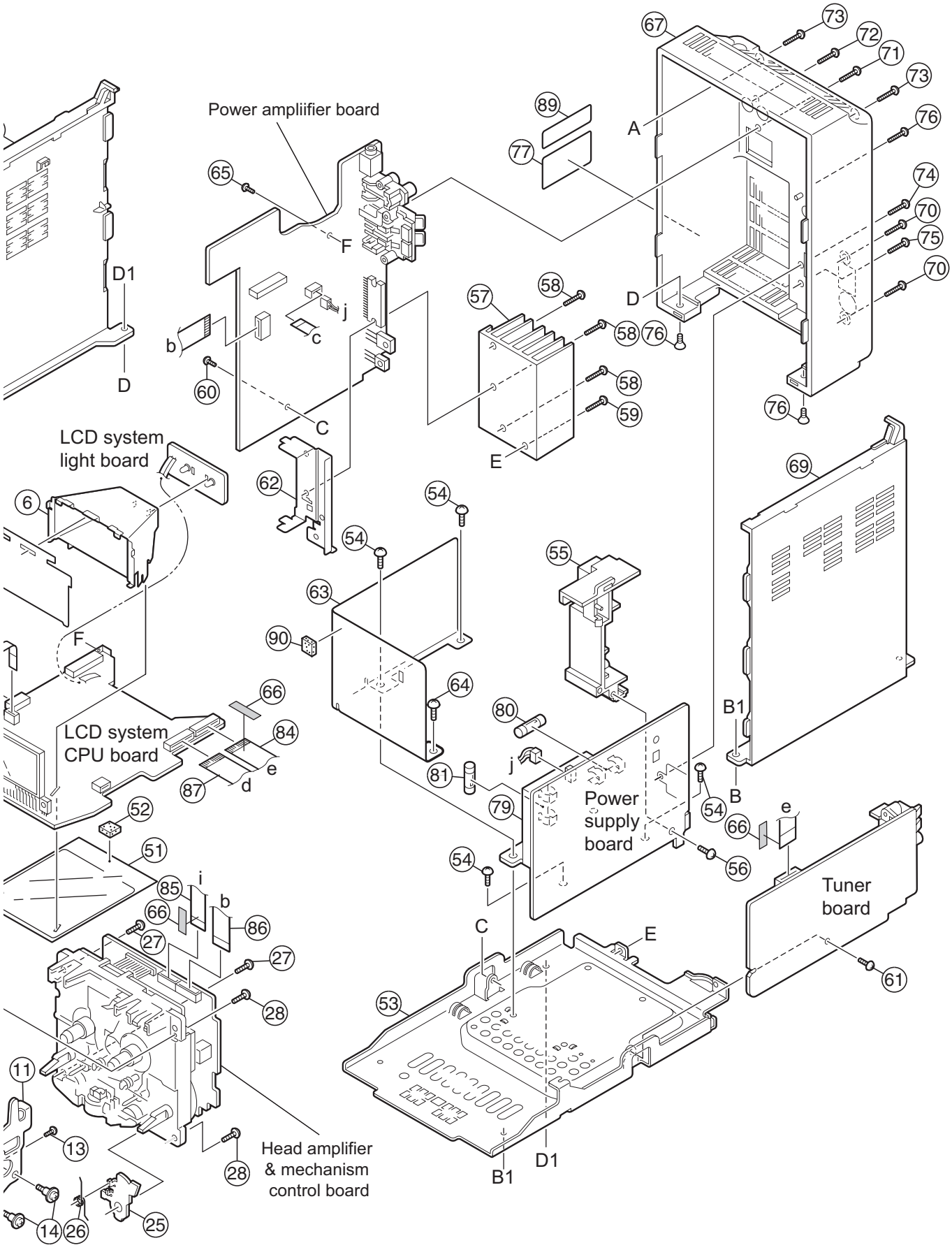
A ---------- Australia

- Contents -

Exploded view of general assembly and parts list

Block No. M 1 M M




Power ampliifier board
LCD system
light board
LCD system
CPU board
Power
supply
board
Tuner
board
Head amplifier
& mechanism
control board

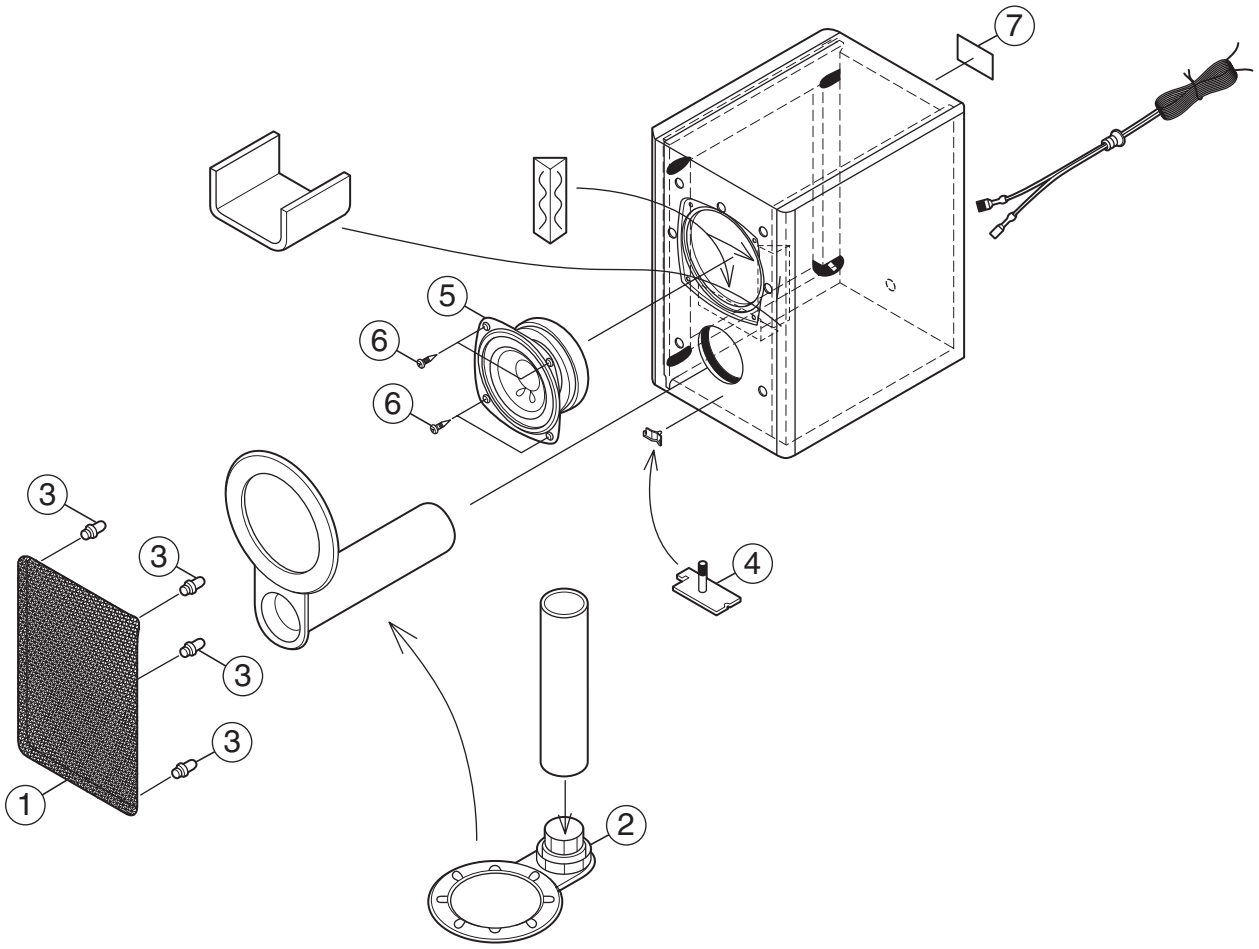
General assembly

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

⚠ Symbol No.	Part No.	Part Name	Description	Local
1	GV10127-004A	FRONT PANEL		
2	GV40077-002A	JVC BADGE		
3	GV20202-002A	PUSH BUTTON		
4	QYSBSF2608Z	TAPPING SCREW	2.6mm x 8mm(x2)	
5	QYSBSF2608Z	TAPPING SCREW	2.6mm x 8mm(x2)	
6	GV30423-001A	LAMP CASE		
7	GV40384-001A	LCD FILTER		
8	GV30402-003A	LCD LENS		
9	GV30349-009A	SPACER		
10	GV30424-001A	DOOR HOLDER		
11	GV40393-001A	EJECT LEVER		
12	GV40377-004A	EJECT KNOB		
13	QYSBSF2608Z	TAPPING SCREW	2.6mm x 8mm	
14	VKZ4323-202	SCREW	(x2)	
15	GV30421-001A	TENSION SPRING		
16	GV40394-002A	EJECT ARM		
17	VKZ4341-205	SPECIAL SCREW		
18	GV40385-001A	TORSION SPRING		
19	QYSBSF3010Z	TAP SCREW	3mm x 10mm(x2)	
20	VKY4180-401	CASSETTE SPRING	(x2)	
21	VYH5601-001	GEAR		
22	GV40386-001A	DOOR SPRING		
23	GV20198-004A	CASSETTE HOLDER		
24	GV30403-002A	DOOR LENS		
25	VKL7850-002	EJECT SAFTY(R)		
26	VKW5258-003	TORSION SPRING		
27	QYSBSF3012Z	TAP SCREW	3mm x 12mm(x2)	
28	QYSBST3008Z	TH TAP SCREW	3mm x 8mm(x2)	
29	KSM-213CCMJ	CD MECHA ASSY		
30	GV30412-001A	PICK COVER		
31	LV42763-001A	INSULATOR	(x2)	
32	LV42763-002A	INSULATOR	(x2)	
33	GV40379-001A	CD M.HOLDER(L)		
34	GV40379-002A	CD M.HOLDER(R)		
35	QYSBSF3010Z	TAP SCREW	3mm x 10mm(x4)	
36	GV40390-001A	SHIELD		
37	GV10134-003A	CD CASE		
38	VYH4769-002SS	GEAR		
39	GV40391-001A	CD DOOR SPRING		
40	GV40395-001A	LOCK LEVER		
41	GV40396-003A	CD EJECT KNOB		
42	GV20199-002A	CD DOOR		
43	QYSDSF2006Z	SCREW	2mm x 6mm	
44	GV40378-002A	CD LENS		
45	GV40423-002A	CLAMPER BRACKET		
46	LV33270-001A	CLAMPER		
47	VYH7313-005	P.C.MAGNET		
48	VKL7757-001	YOKE		
49	LV41741-001A	SPECIAL SCREW		
50	QYSBSF3010Z	TAP SCREW	3mm x 10mm(x4)	
51	GV40392-002A	SHIELD		
52	E3400-431	SPACER		
53	GV10133-001A	BOTTOM CHASSIS		
54	QYSBST4006Z	SCREW	4mm x 6mm(x4)	
55	GV30404-001A	JACK HOLDER		
56	QYSBSF2608Z	TAPPING SCREW	2.6mm x 8mm	
57	GV30405-001A	RADIATION		
58	QYSBST3012Z	SCREW	3mm x 12mm(x3)	
59	QYSBST3006Z	TAPPING SCREW	3mm x 6mm	
60	QYSBST3006Z	TAPPING SCREW	3mm x 6mm	
61	QYSBST3006Z	TAPPING SCREW	3mm x 6mm	
62	GV30408-001A	IC HOLDER		
63	GV30422-001A	SHIELD		
64	QYSBST4006Z	SCREW	4mm x 6mm	
65	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm	
66	LV30225-011A	SPACER	(x4)	
67	GV10128-004A	REAR PANEL		
68	GV20221-003A	SIDE PANEL(L)		
69	GV20218-003A	SIDE PANEL(R)		
70	QYSBSF3010Z	TAP SCREW	3mm x 10mm(x2)	
71	QYSBSF3010Z	TAP SCREW	3mm x 10mm	
72	QYSBSF3010Z	TAP SCREW	3mm x 10mm	
73	QYSBSF3010Z	TAP SCREW	3mm x 10mm(x2)	
74	QYSBSF3010Z	TAP SCREW	3mm x 10mm	
75	QYSBSF3010Z	TAP SCREW	3mm x 10mm	
76	QYSSST3008Z	SCREW	3mm x 8mm(x4)	
77	GV30406-014A	NAME PLATE		
⚠ 78	LV41843-001A	LASER CAUTION		
⚠ 79	QQT0396-004	POWER TRANSF	T 901	
⚠ 80	QMF51W2-R50-J8	FUSE	F901 0.5A AC250V	
⚠ 81	QMF51W2-6R3-J8	FUSE	F903 6.3A AC250V	
82	QUQH12-0411BJ	FFC WIRE		
83	QUQH12-0714AJ	FFC WIRE		
84	QUQH12-0909BJ	CARD WIRE		
85	QUQH12-0913BJ	FFC WIRE		
86	QUQH12-1022BJ	FFC WIRE		
87	QUQ110-1607AJ	FFC WIRE		
88	QUQ110-1607AJ	FFC WIRE		
89	E70891-001	CLASS 1 LABEL		
90	E3400-431	SPACER		

Speaker assembly and parts list

Block No. M 2 M M



Speaker

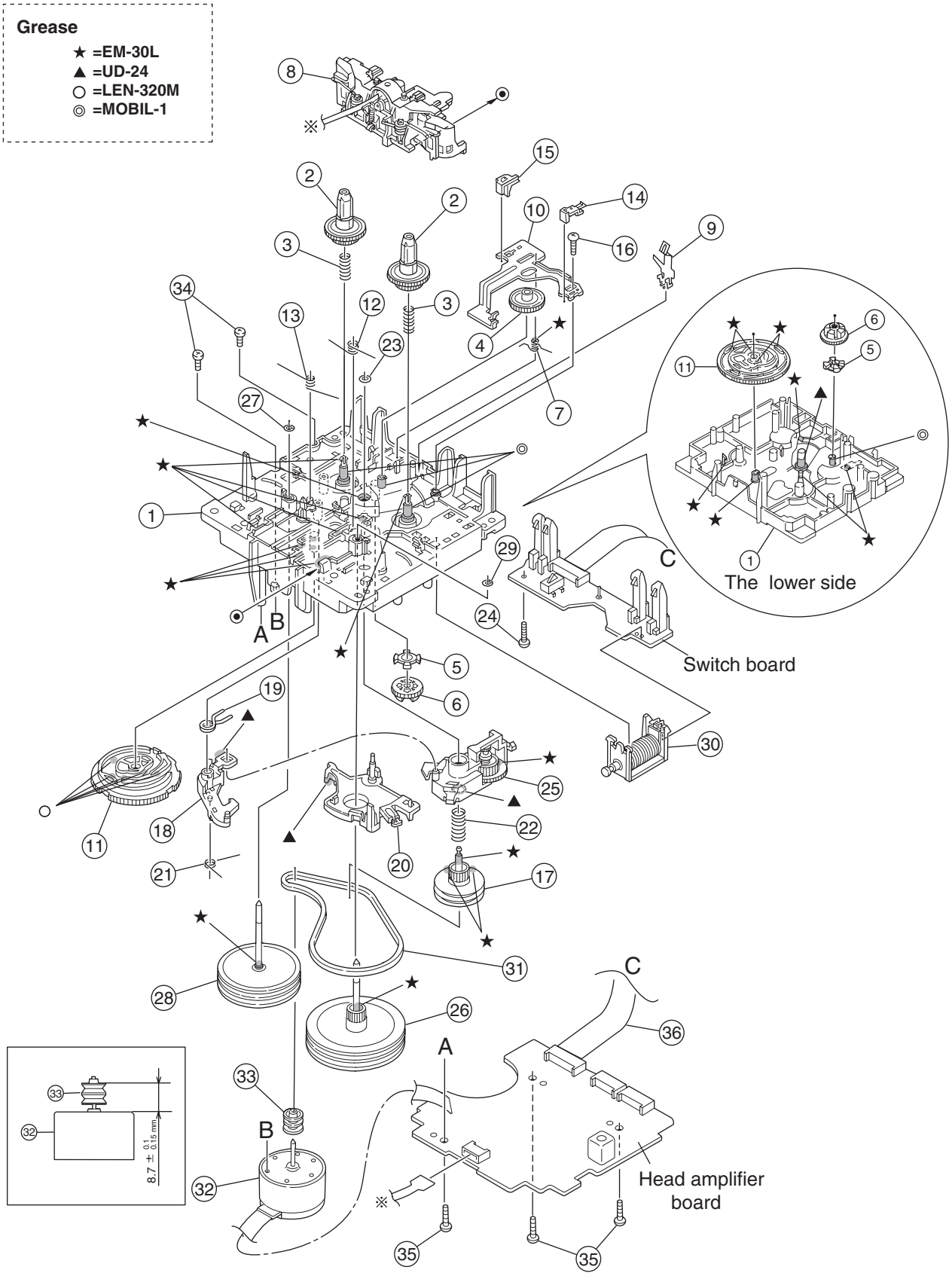
Block No. [M][2][M][M]

⚠ Symbol No.	Part No.	Part Name	Description	Local
1	J201XH3500B10	CLOTH FRAME	(x2)	
2	J200XH3000B00	FRONT PANEL	(x2)	
3	J282XH3000B00	LATCH	(x8)	
4	21302UXP510	JVC MARK	(x2)	
5	305J0XH300800	WOOFER	(x2)	
6	411B84012AB1	SCREW	(x8)	
7	6000XH35U00	RATNIG LABEL	(x2)	

Cassette mechanism assembly and parts list

Block No. M P M M

SLC-S302M



Cassette mechanism

Block No. [M][P][M][M]

⚠ Symbol No.	Part No.	Part Name	Description	Local
1	VKS1165-00L	CHASSIS B. ASSY		
2	VKS2274-002	REEL GEAR	(x2)	
3	VKW5286-002	B.T. SPRING	(x2)	
4	VKS5559-001	PLAY IDLE GEAR		
5	VKS5595-002	BLIND		
6	VKS5560-003	FR IDLE GEAR		
7	LV42013-001A	EARTH SPRING		
8	SLC-RP4SVM	HEAD MOUNT ASSY		
9	VKY3149-002	CASSETTE SP.		
10	LV31786-001A	PLAY LEVER		
11	VKS1166-004	CONTROL CAM		
12	VKW5279-002	HEAD BASE SP(R)		
13	VKW5280-001	HEAD BASE SP(L)		
14	LV41584-001A	BRAKE(R)		
15	LV41585-003A	BRAKE(L)		
16	QYSBSF2005Z	SCREW	2mm x 5mm	
17	VKS5603-00G	MAIN PULLEY ASS		
18	VKS3785-001MM	FR ARM		
19	VKW5284-002	SWING SPRING		
20	VKS2278-003	TRIGGER ARM		
21	VKW5301-001	FR SPRING		
22	VKW5266-001	ELEVATOR SPRING		
23	WDL214025	WASHER		
24	QYSBSF2005Z	SCREW	2mm x 5mm	
25	VKS3786-00G	CLUTCH ASSY		
26	VKF3205-00B	F.WHEEL ASSY(R)		
27	WDL183425	SLIT WASHER		
28	VKF3207-00C	F.WHEEL ASSY(L)		
29	WDL173525-6	SLIT WASHER		
30	VKZ3174-00B	DC SOLENOID		
31	LV42836-001A	CAPSTAN BELT		
32	MSI-5U2LWA	D.C.MOTOR		
33	VKR4761-003	MOTOR PULLEY		
34	QYSPSP2604Z	SCREW	2.6mm x 4mm(x2)	
35	QYSBSF2608Z	TAPPING SCREW	2.6mm x 8mm(x3)	
36	QUQH12-0906BF	WIRE		

Electrical parts list

Main board

Block No. [0][1][0][0]

⚠ Symbol No.	Part No.	Part Name	Description	Local
⚠ IC300	LA4663	POWER IC		
IC301	HA17558A	IC		
IC302	LC75342	IC		
IC601	AN22000A-W	IC		
⚠ IC602	LA6541-X	IC		
IC603	MN662748RPMFA	IC		
IC604	KIA78S05P-T	IC		
Q601	KTA1271/OY/-T	TRANSISTOR		
Q1150	2SC3576-JVC-T	TRANSISTOR		
Q1400	2SC2785/FE/-T	TRANSISTOR		
Q2150	2SC3576-JVC-T	TRANSISTOR		
Q2400	2SC2785/FE/-T	TRANSISTOR		
Q3110	2SC3576-JVC-T	TRANSISTOR		
Q3111	KRC111M-T	TRANSISTOR		
Q3150	KRA101M-T	TRANSISTOR		
Q3151	KRC102M-T	DIGI TRANSISTOR		
⚠ Q9001	KTA1046/Y/	TRANSISTOR		
Q9002	2SC2785/FE/-T	TRANSISTOR		
Q9003	2SA1175/FE/-T	TRANSISTOR		
Q9004	KRC114M-T	TRANSISTOR		
Q9005	KRA114M-T	TRANSISTOR		
Q9006	2SC2785/FE/-T	TRANSISTOR		
Q9070	2SC3576-JVC-T	TRANSISTOR		
Q9201	KTB772/Y/	TRANSISTOR		
Q9202	2SC2785/FE/-T	TRANSISTOR		
Q9301	KTA1267/YG/-T	TRANSISTOR		
Q9302	2SC2785/FE/-T	TRANSISTOR		
D661	1SS133-T2	DIODE		
D662	1SS133-T2	DIODE		
⚠ D901	6A10E2	SI DIODE		
⚠ D902	6A10E2	SI DIODE		
⚠ D903	6A10E2	SI DIODE		
⚠ D904	6A10E2	SI DIODE		
⚠ D905	6A10E2	SI DIODE		
D3150	MTZJ5.1C-T2	Z DIODE		
D3151	1SS133-T2	DIODE		
D3153	1SS133-T2	DIODE		
D3400	1SS133-T2	DIODE		
D3401	1SS133-T2	DIODE		
D3402	1SS133-T2	DIODE		
D3403	1SS133-T2	DIODE		
D3504	1SS133-T2	DIODE		
D3505	1SS133-T2	DIODE		
D9001	1SS133-T2	DIODE		
D9002	MTZJ8.2C-T2	Z DIODE		
D9020	MTZJ5.6C-T2	Z DIODE		
D9201	MTZJ4.3B-T2	Z DIODE		
D9302	1SS133-T2	DIODE		
D9303	1SS133-T2	DIODE		
D9501	1SS133-T2	DIODE		
D9502	1N4003S-T5	SI DIODE		
C602	QCSB1HJ-560Y	C CAPACITOR	56pF 50V J	
C604	QEKC1AM-107Z	E CAPACITOR	100uF 10V M	
C605	QETN1EM-106Z	E CAPACITOR	10uF 25V M	
C606	QFVF1HJ-823Z	MF CAPACITOR	0.082uF 50V J	
C608	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C610	QFVF1HJ-393Z	MF CAPACITOR	0.039uF 50V J	
C611	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C612	QDXB1CM-272Y	C CAPACITOR	2700pF 16V M	
C613	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C614	QCZ0313-105Z	C CAPACITOR	1uF 25V Z	
C615	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	
C616	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	
C617	QCSB1HK-3R3Y	C CAPACITOR	3.3pF 50V K	
C618	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C619	QCBB1HK-561Y	C CAPACITOR	560pF 50V K	
C620	QCBB1HK-101Y	C CAPACITOR	100pF 50V K	
C622	QFLC1HJ-223Z	M CAPACITOR	0.022uF 50V J	
C623	QFVF1HJ-563Z	MF CAPACITOR	0.056uF 50V J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C624	QFLC1HJ-223Z	M CAPACITOR	0.022uF 50V J	
C625	QDXB1CM-222Y	C CAPACITOR	2200pF 16V M	
C628	QDX31EM-473Z	C CAPACITOR	0.047uF 25V M	
C629	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C631	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C632	QEKC1AM-107Z	E CAPACITOR	100uF 10V M	
C633	QCBB1HK-391Y	C CAPACITOR	390pF 50V K	
C634	QCBB1HK-391Y	C CAPACITOR	390pF 50V K	
C635	QCBB1HK-391Y	C CAPACITOR	390pF 50V K	
C636	QCBB1HK-391Y	C CAPACITOR	390pF 50V K	
C638	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C641	QCZ0313-105Z	C CAPACITOR	1uF 25V Z	
C642	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C643	QEQ61HM-225Z	E CAPACITOR	2.2uF 50V M	
C644	QFN31HJ-153Z	M CAPACITOR	0.015uF 50V J	
C645	QEQ61HM-225Z	E CAPACITOR	2.2uF 50V M	
C651	QCSB1HJ-120Y	C CAPACITOR	12pF 50V J	
C652	QCSB1HJ-150Y	C CAPACITOR	15pF 50V J	
C653	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	
C655	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	
C661	QCBB1HK-471Y	C CAPACITOR	470pF 50V K	
C662	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	
C663	QFLC1HJ-223Z	M CAPACITOR	0.022uF 50V J	
C664	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	
C665	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J	
C668	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C669	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C670	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C671	QDXB1CM-222Y	C CAPACITOR	2200pF 16V M	
C672	QDXB1CM-222Y	C CAPACITOR	2200pF 16V M	
C673	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C674	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	
C675	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C676	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C677	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	
C691	QCBB1HK-151Y	C CAPACITOR	150pF 50V K	
C692	QCBB1HK-151Y	C CAPACITOR	150pF 50V K	
C693	QCBB1HK-151Y	C CAPACITOR	150pF 50V K	
C694	QCBB1HK-101Y	C CAPACITOR	100pF 50V K	
C695	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J	
C901	QFLA1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C902	QFLA1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C903	QFLA1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C904	QFLA1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C1100	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C1101	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C1102	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C1103	QDXB1CM-332Y	C CAPACITOR	3300pF 16V M	
C1104	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C1105	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C1300	QFLC1HJ-683Z	M CAPACITOR	0.068uF 50V J	
C1301	QFLC1HJ-683Z	M CAPACITOR	0.068uF 50V J	
C1302	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C1303	QFVJ1HJ-334Z	MF CAPACITOR	0.33uF 50V J	
C1502	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1503	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C1504	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C1505	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C1506	QFLC1HJ-272Z	M CAPACITOR	2700pF 50V J	
C1507	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1508	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1510	QETN1EM-106Z	E CAPACITOR	10uF 25V M	
C1600	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C2100	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C2101	QFLA1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C2102	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C2103	QDXB1CM-332Y	C CAPACITOR	3300pF 16V M	
C2104	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C2105	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C2300	QFLC1HJ-683Z	M CAPACITOR	0.068uF 50V J	
C2301	QFLC1HJ-683Z	M CAPACITOR	0.068uF 50V J	
C2302	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C2303	QFVJ1HJ-334Z	MF CAPACITOR	0.33uF 50V J	
C2502	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C2503	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C2504	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C2505	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C2506	QFLC1HJ-272Z	M CAPACITOR	2700pF 50V J	
C2507	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2508	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2510	QETN1EM-106Z	E CAPACITOR	10uF 25V M	
C2600	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C2953	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C2954	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C2955	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C2956	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C2957	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C2958	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C2959	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
⚠ C3100	QEZ0635-828	E CAPACITOR	8200uF	
C3101	QTE1V28-107Z	E CAPACITOR	100uF 35V	
C3102	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C3103	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C3104	QETN1EM-106Z	E CAPACITOR	10uF 25V M	
C3151	QETN1EM-106Z	E CAPACITOR	10uF 25V M	
C3152	QETN1AM-476Z	E CAPACITOR	47uF 10V M	
C3300	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C3301	QTE1C06-226Z	E CAPACITOR	22uF 16V	
C3400	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C3401	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C3402	QFLC1HJ-563Z	M CAPACITOR	0.056uF 50V J	
C3403	QFLC1HJ-563Z	M CAPACITOR	0.056uF 50V J	
C3404	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C3405	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C3500	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C3501	QETN1EM-106Z	E CAPACITOR	10uF 25V M	
C3502	QDYB1CM-103Y	C CAPACITOR	0.01uF 16V M	
C9001	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C9002	QDYB1CM-103Y	C CAPACITOR	0.01uF 16V M	
C9003	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C9006	QETN1EM-106Z	E CAPACITOR	10uF 25V M	
C9070	QETN1EM-106Z	E CAPACITOR	10uF 25V M	
C9201	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C9202	QDYB1CM-103Y	C CAPACITOR	0.01uF 16V M	
C9203	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C9302	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C9303	QEKC1AM-107Z	E CAPACITOR	100uF 10V M	
R602	QRE141J-203Y	C RESISTOR	20kΩ 1/4W J	
R603	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
R605	QRE141J-684Y	C RESISTOR	680kΩ 1/4W J	
R606	QRE141J-184Y	C RESISTOR	180kΩ 1/4W J	
R607	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
R609	QRE141J-224Y	C RESISTOR	220kΩ 1/4W J	
R610	QRE141J-105Y	C RESISTOR	1MΩ 1/4W J	
R612	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R613	QRE141J-121Y	C RESISTOR	120Ω 1/4W J	
R614	QRE141J-100Y	C RESISTOR	10Ω 1/4W J	
R615	QRE141J-120Y	C RESISTOR	12Ω 1/4W J	
R619	QRE141J-683Y	C RESISTOR	68kΩ 1/4W J	
R621	QRE141J-100Y	C RESISTOR	10Ω 1/4W J	
R625	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	
R626	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	
R627	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
R628	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R629	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R632	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R634	QRE141J-224Y	C RESISTOR	220kΩ 1/4W J	
R635	QRE141J-394Y	C RESISTOR	390kΩ 1/4W J	
R641	QRE141J-563Y	C RESISTOR	56kΩ 1/4W J	
R642	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R643	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R644	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
R645	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
R646	QRE141J-182Y	C RESISTOR	1.8kΩ 1/4W J	
R647	QRE141J-392Y	C RESISTOR	3.9kΩ 1/4W J	
R648	QRE141J-122Y	C RESISTOR	1.2kΩ 1/4W J	
R649	QRE141J-152Y	C RESISTOR	1.5kΩ 1/4W J	
R650	QRE141J-182Y	C RESISTOR	1.8kΩ 1/4W J	
R651	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R652	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R653	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R654	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R656	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R657	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R659	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R661	QRE141J-683Y	C RESISTOR	68kΩ 1/4W J	
R662	QRE141J-155Y	C RESISTOR	1.5MΩ 1/4W J	
R663	QRE141J-124Y	C RESISTOR	120kΩ 1/4W J	
R664	QRE141J-331Y	C RESISTOR	330Ω 1/4W J	
R666	QRE141J-220Y	C RESISTOR	22Ω 1/4W J	
R667	QRE141J-683Y	C RESISTOR	68kΩ 1/4W J	
R668	QRE141J-220Y	C RESISTOR	22Ω 1/4W J	
R669	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R671	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R672	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R697	QRE141J-272Y	C RESISTOR	2.7kΩ 1/4W J	
R1100	QRE141J-2R2Y	C RESISTOR	2.2Ω 1/4W J	
R1101	QRE141J-2R2Y	C RESISTOR	2.2Ω 1/4W J	
R1102	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R1151	QRE141J-302Y	C RESISTOR	3kΩ 1/4W J	
R1200	QRE141J-151Y	C RESISTOR	150Ω 1/4W J	
R1300	QRE141J-154Y	C RESISTOR	150kΩ 1/4W J	
R1301	QRE141J-392Y	C RESISTOR	3.9kΩ 1/4W J	
R1302	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R1303	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J	
R1304	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R1305	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
R1306	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R1307	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R1400	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R1401	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R1402	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R1503	QRE141J-392Y	C RESISTOR	3.9kΩ 1/4W J	
R1600	QRE141J-303Y	C RESISTOR	30kΩ 1/4W J	
R1601	QRE141J-303Y	C RESISTOR	30kΩ 1/4W J	
R1800	QRE141J-912Y	C RESISTOR	9.1kΩ 1/4W J	
R1802	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R1803	QRE141J-272Y	C RESISTOR	2.7kΩ 1/4W J	
R2100	QRE141J-2R2Y	C RESISTOR	2.2Ω 1/4W J	
R2101	QRE141J-2R2Y	C RESISTOR	2.2Ω 1/4W J	
R2102	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R2151	QRE141J-302Y	C RESISTOR	3kΩ 1/4W J	
R2200	QRE141J-151Y	C RESISTOR	150Ω 1/4W J	
R2300	QRE141J-154Y	C RESISTOR	150kΩ 1/4W J	
R2301	QRE141J-392Y	C RESISTOR	3.9kΩ 1/4W J	
R2302	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R2303	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J	
R2304	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R2305	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
R2306	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R2307	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R2400	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R2401	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R2402	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R2503	QRE141J-392Y	C RESISTOR	3.9kΩ 1/4W J	
R2600	QRE141J-303Y	C RESISTOR	30kΩ 1/4W J	
R2601	QRE141J-303Y	C RESISTOR	30kΩ 1/4W J	
R2800	QRE141J-912Y	C RESISTOR	9.1kΩ 1/4W J	
R2802	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R2803	QRE141J-272Y	C RESISTOR	2.7kΩ 1/4W J	
R3100	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R3107	QRE141J-681Y	C RESISTOR	680Ω 1/4W J	
R3110	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R3150	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R3151	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R3152	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R3153	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R3154	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R3300	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R3302	QRE141J-912Y	C RESISTOR	9.1kΩ 1/4W J	
R3303	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3400	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R3401	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R3402	QRE141J-124Y	C RESISTOR	120kΩ 1/4W J	
R3403	QRE141J-154Y	C RESISTOR	150kΩ 1/4W J	
R3405	QRE141J-513Y	C RESISTOR	51kΩ 1/4W J	
R3500	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R3501	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R3503	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R9001	QRE141J-1R0Y	C RESISTOR	1Ω 1/4W J	
R9002	QRE141J-1R0Y	C RESISTOR	1Ω 1/4W J	
R9003	QRE141J-1R0Y	C RESISTOR	1Ω 1/4W J	
R9004	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R9005	QRE141J-152Y	C RESISTOR	1.5kΩ 1/4W J	
R9006	QRE141J-242Y	C RESISTOR	2.4kΩ 1/4W J	
R9007	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9008	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
R9012	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R9013	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R9014	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R9015	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R9016	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
⚠ R9019	QRZ9005-680X	F RESISTOR	68Ω	
R9020	QRE141J-133Y	C RESISTOR	13kΩ 1/4W J	
R9021	QRE141J-512Y	C RESISTOR	5.1kΩ 1/4W J	
R9070	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
⚠ R9100	QRZ9006-4R7X	FUSI RESISTOR	4.7Ω 1/4W J	
R9201	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R9202	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R9203	QRE141J-820Y	C RESISTOR	82Ω 1/4W J	
R9205	QRE141J-823Y	C RESISTOR	82kΩ 1/4W J	
R9206	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R9301	QRE141J-392Y	C RESISTOR	3.9kΩ 1/4W J	
R9302	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
R9303	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R9304	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
⚠ L901	QQR1321-001	LINE FILTER		
L1100	QQR0797-002	COIL		
L1200	QQL231K-470Y	COIL	47uH K	
L2100	QQR0797-002	COIL		
L2200	QQL231K-470Y	COIL	47uH K	
L3200	QQL231K-470Y	COIL	47uH K	
CN301	QGB1214J1-20S	CONNECTOR	B-B (1-20)	
CN303	QGF1205C1-07	CONNECTOR	FFC/FPC (1-7)	
CN305	QGF1205F1-10	CONNECTOR	FFC/FPC (1-10)	
CN601	QGF1008F1-16	CONNECTOR	FFC/FPC (1-16)	
CN603	QGF1205F1-07	CONNECTOR	FFC/FPC (1-7)	
CN604	QGF1205F1-14	CONNECTOR	FFC/FPC (1-14)	
CN610	QGA2501C1-02	CONNECTOR	W-B (1-2)	
CN901	QGA2501C1-02	CONNECTOR	W-B (1-2)	
FW602	QJK018-060601	SIN CR C-B WIRE		
IH601	VYH7237-004	IC HOLDER		
IH602	VYH7237-001MM	IC HOLDER		
IH603	VYH7237-003	IC HOLDER		
⚠ J300	QNB0117-001	SPK TERMINAL		
J301	QNN0090-001	PIN JACK		
J302	QNS0072-001	HEADPHONE JACK		
⚠ J901	QNC0091-001	AC INLET		
⚠ J902	QNA0016-001	DC JACK		
K601	QQR0621-001Z	COIL		
K602	QQR0621-001Z	COIL		
K1200	QQR0621-001Z	COIL		
K2200	QQR0621-001Z	COIL		
K3800	QQR0621-001Z	COIL		
K9100	QQR0621-001Z	COIL		
PP901	QZW0038-001	WIRE CLAMP		
X651	QAX0413-001Z	CRYSTAL	16.9344MHz	
Z901	QNG0020-001Z	FUSE CLIP		
Z903	QNG0020-001Z	FUSE CLIP		
Z911	QNG0020-001Z	FUSE CLIP		
Z913	QNG0020-001Z	FUSE CLIP		

Micon board

Block No. [0][2][0][0]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC1	LA1838	IC		
IC2	LC72136N	IC		
IC750	GP1UM281YK	IR DETECT UNIT	38kHz	
IC931	MN101C57CEW	MASK MICON		
IC932	KIA78S06P-T	IC		
Q1	2SC1623/5-6/-X	TRANSISTOR		
Q5	DTA114YKA-X	TRANSISTOR		
Q7000	KRC111S-X	TRANSISTOR		
Q7001	KRC111S-X	TRANSISTOR		
Q7002	2SC2412K/R/-X	TRANSISTOR		
Q7003	2SA1037AK/R/-X	TRANSISTOR		
Q7004	KRC111S-X	TRANSISTOR		
Q7005	2SC2412K/R/-X	TRANSISTOR		
Q7006	KRA102S-X	DIGI TRANSISTOR		
Q7010	KRC111S-X	TRANSISTOR		
D1	1SS133-T2	DIODE		
D2	1SS133-T2	DIODE		
D3	1SS133-T2	DIODE		
D4	1SS133-T2	DIODE		
D7000	1SS133-T2	DIODE		
D7002	1SS133-T2	DIODE		
D7003	1SS133-T2	DIODE		
D7004	1SS133-T2	DIODE		
D7005	MTZJ5.1C-T2	Z DIODE		
D7006	MTZJ8.2B-T2	Z DIODE		
D7007	1SS133-T2	DIODE		
D7008	1SS133-T2	DIODE		
D7777	SLR-342VC3F	LED		
C1	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C2	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C3	QEKC1CM-106Z	E CAPACITOR	10uF 16V M	
C4	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C5	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C6	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C8	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C9	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C10	NDC31HJ-5R0X	C CAPACITOR	5pF 50V J	
C11	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C12	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C13	NCS31HJ-100X	C CAPACITOR	10pF 50V J	
C14	QEKC1CM-106Z	E CAPACITOR	10uF 16V M	
C15	NCS31HJ-120X	C CAPACITOR	12pF 50V J	
C16	NCS31HJ-120X	C CAPACITOR	12pF 50V J	
C17	NCB31HK-392X	C CAPACITOR	3900pF 50V K	
C18	QEKC1HM-474Z	E CAPACITOR	0.47uF 50V M	
C19	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C20	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C21	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C22	NCS31HJ-151X	C CAPACITOR	150pF 50V J	
C23	NCS31HJ-151X	C CAPACITOR	150pF 50V J	
C24	NCS31HJ-151X	C CAPACITOR	150pF 50V J	
C25	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C28	QEKC1CM-106Z	E CAPACITOR	10uF 16V M	
C30	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C31	QEKC1CM-226Z	E CAPACITOR	22uF 16V M	
C32	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C33	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C34	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C35	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C36	QEKC1HM-105Z	E CAPACITOR	1uF 50V M	
C37	QEKC1HM-105Z	E CAPACITOR	1uF 50V M	
C38	QEKC1HM-224Z	E CAPACITOR	0.22uF 50V M	
C39	QEKC1HM-105Z	E CAPACITOR	1uF 50V M	
C40	QEKC1CM-106Z	E CAPACITOR	10uF 16V M	
C41	QEKC1CM-106Z	E CAPACITOR	10uF 16V M	
C42	NCB31CK-273X	C CAPACITOR	0.027uF 16V K	
C43	NCB31CK-273X	C CAPACITOR	0.027uF 16V K	
C44	QEKC1CM-106Z	E CAPACITOR	10uF 16V M	
C45	QEKC1CM-106Z	E CAPACITOR	10uF 16V M	
C46	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C47	QEKC1HM-105Z	E CAPACITOR	1uF 50V M	
C48	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C49	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C50	QEKC1CM-226Z	E CAPACITOR	22uF 16V M	
C51	QEKC1HM-105Z	E CAPACITOR	1uF 50V M	
C53	QEKC1CM-226Z	E CAPACITOR	22uF 16V M	
C54	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C57	NCB31HK-102X	C CAPACITOR	1000pF 50V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C58	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C59	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C77	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C7000	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7001	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7004	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C7005	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C7006	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7008	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C7009	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C7010	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C7011	QEKC1HM-225Z	E CAPACITOR	2.2uF 50V M	
C7012	EETB0JM-228JC	E CAPACITOR		
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7014	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C7015	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7016	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C7017	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C7018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7019	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C7020	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7022	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C7023	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C7050	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7051	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7500	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7501	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7503	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
R1	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	
R2	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R3	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R4	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R5	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R6	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R7	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R10	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R13	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R14	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R15	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R16	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R17	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R18	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R19	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R20	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R21	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R22	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R23	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R24	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R25	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R26	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R27	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R28	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R29	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R31	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R32	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R33	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R34	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R35	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R36	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R37	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R38	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R39	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R40	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R41	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R43	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R50	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R60	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7000	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R7001	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7002	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7003	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7004	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7005	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7006	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7007	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7008	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7009	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7010	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7011	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7012	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7013	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7014	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R7015	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7016	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7017	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7018	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7019	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7020	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7021	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7022	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7023	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7024	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7027	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7029	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7030	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7031	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7032	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7033	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7034	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7035	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7036	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7037	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7038	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7040	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R7041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7042	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7043	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7044	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7045	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7046	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7047	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R7048	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7049	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7050	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R7051	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7052	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7053	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7054	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7055	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7056	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R7057	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7058	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7059	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	
R7060	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R7061	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7063	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R7064	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7065	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R7070	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7071	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7072	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7073	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R7074	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7500	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7502	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R7503	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R7504	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7505	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R7506	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R7507	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7509	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R7510	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R7511	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7512	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R7513	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
L1	QQR0796-003	COIL BLOCK		
L3	QQL231K-4R7Y	COIL	4.7uH K	
L7001	QQL231K-100Y	COIL	10uH K	
L7002	QQL231K-470Y	COIL	47uH K	
L7003	QQL231K-4R7Y	COIL	4.7uH K	
T1	QQR0793-001	IFT		
BL701	QLL0147-001	LAMP		
BL702	QLL0147-001	LAMP		
CF1	QAX0420-001	C FILTER	10.700MHz	
CF2	QAX0458-001Z	C FILTER	10.700MHz	
CF3	QAX0610-001Z	C DISCRIMINATOR	10.700MHz	
CN1	QGF1205F1-09	CONNECTOR	FFC/FPC (1-9)	
CN711	QGB1214K1-20S	CONNECTOR	B-B (1-20)	
CN712	QGF1205F1-14	CONNECTOR	FFC/FPC (1-14)	
CN713	QGF1205F1-09	CONNECTOR	FFC/FPC (1-9)	
CN714	QGF1205F1-09	CONNECTOR	FFC/FPC (1-9)	
CN716	QGF1205C1-04	CONNECTOR	FFC/FPC (1-4)	
CN717	QGF1205F1-04	CONNECTOR	FFC/FPC (1-4)	
DI701	QLD0260-001	LCD MODULE		
EP740	E409182-001SM	GRAND TERMINAL		
FW701	QUM022-12Z3Z3	FLAT WIRE		
J1	QNB0153-001	ANT TERMINAL		
K7002	QQR0621-001Z	COIL		
K7003	QQR0621-001Z	COIL		
PP701	QZW0038-001	WIRE CLAMP		
S7500	QSW0651-001Z	TACT SW		
S7501	QSW0651-001Z	TACT SW		
S7502	QSW0651-001Z	TACT SW		
S7503	QSW0651-001Z	TACT SW		
S7504	QSW0651-001Z	TACT SW		
S7505	QSW0651-001Z	TACT SW		
S7506	QSW0651-001Z	TACT SW		
S7507	QSW0651-001Z	TACT SW		
S7508	QSW0651-001Z	TACT SW		
S7509	QSW0651-001Z	TACT SW		
S7510	QSW0651-001Z	TACT SW		
S7511	QSW0651-001Z	TACT SW		
S7512	QSW0651-001Z	TACT SW		
S7550	QSW0122-001	PUSH SWITCH		
TU1	QAU0160-001	FRONT END		
X1	QAX0402-001	CRYSTAL	75.0kHz	
X7001	QAX0711-002Z	CRYSTAL	8.000000MHz	
OT1	QUM022-12Z3Z3	FLAT WIRE		

Cassette switch board

Block No. [0][3][0][0]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC1	SG-105F3-BB,C	PHOTO SENSER		
IC32	HA12238F	IC		
IC33	CD4094BC	IC		
L301	QQR1118-002	OSC COIL(BIAS)		
CN1	QGF1205F1-09	CONNECTOR	FFC/FPC (1-9)	
CN31	QGF1205F1-06	CONNECTOR	FFC/FPC (1-6)	
CN32	QGF1205F1-09	CONNECTOR	FFC/FPC (1-9)	
CN33	QGF1205F1-09	CONNECTOR	FFC/FPC (1-9)	
CN34	QGF1201F3-10	CONNECTOR	FFC/FPC (1-10)	
FW100	QUM024-07A2Z3	PARA RIBON WIRE		
H32	GV40397-002A	IC HOLDER		
P1	QNZ0104-001	POST PIN		
SW1	QSW0832-001	CASS.SWITCH		
SW2	QSW0832-001	CASS.SWITCH		
SW5	QSW0832-001	CASS.SWITCH		
SW6	QSW0859-001	DETECT SWITCH		

Head amplifier board

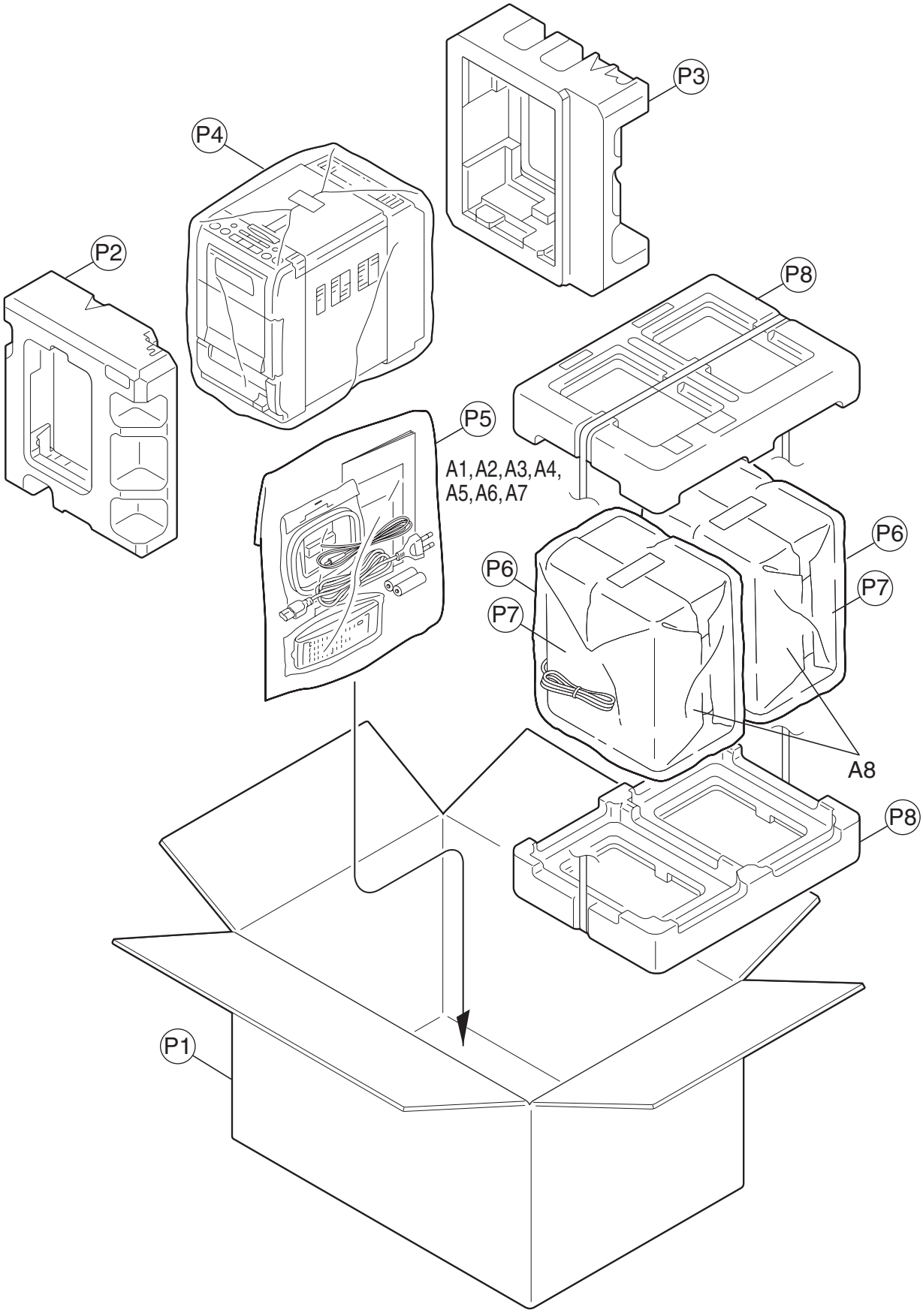
Block No. [0][4][0][0]

⚠ Symbol No.	Part No.	Part Name	Description	Local
Q302	2SC2001/K/-T	TRANSISTOR		
Q305	2SC2001/K/-T	TRANSISTOR		
Q342	KRA111M-T	DIGI TRANSISTOR		
Q343	2SC3576-JVC-T	TRANSISTOR		
Q344	2SC3576-JVC-T	TRANSISTOR		
Q345	2SC3576-JVC-T	TRANSISTOR		
Q346	2SC3576-JVC-T	TRANSISTOR		
Q347	KRC107M-T	DIGI TRANSISTOR		
Q371	KTA1271/OY/-T	TRANSISTOR		
Q372	KRC107M-T	DIGI TRANSISTOR		
Q375	2SB562/C/-T	TRANSISTOR		
Q376	KTC3199/GL/-T	TRANSISTOR		
D1	1SR139-400-T2	SI DIODE		
D340	MTZJ5.1B-T2	Z DIODE		
D375	MTZJ5.1B-T2	Z DIODE		
C101	QDGB1HK-821Y	C CAPACITOR	820pF 50V K	
C102	QDYB1CM-103Y	C CAPACITOR	0.01uF 16V M	
C103	QFLA1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C104	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C105	QCBB1HK-391Y	C CAPACITOR	390pF 50V K	
C106	QERF1HM-225Z	E CAPACITOR	2.2uF 50V M	
C107	QCBB1HK-271Y	C CAPACITOR	270pF 50V K	
C109	QEKJ1EM-475Z	E CAPACITOR	4.7uF 25V M	
C110	QDYB1CM-682Y	C CAPACITOR	6800pF 16V M	
C113	QFLA1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C120	QCSB1HK-4R7Y	C CAPACITOR	4.7pF 50V K	
C121	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C201	QDGB1HK-821Y	C CAPACITOR	820pF 50V K	
C202	QDYB1CM-103Y	C CAPACITOR	0.01uF 16V M	
C203	QFLA1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C204	QCBB1HK-221Y	C CAPACITOR	220pF 50V K	
C205	QCBB1HK-391Y	C CAPACITOR	390pF 50V K	
C206	QERF1HM-225Z	E CAPACITOR	2.2uF 50V M	
C207	QCBB1HK-271Y	C CAPACITOR	270pF 50V K	
C209	QEKJ1EM-475Z	E CAPACITOR	4.7uF 25V M	
C210	QDYB1CM-682Y	C CAPACITOR	6800pF 16V M	
C213	QFLA1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C220	QCSB1HK-4R7Y	C CAPACITOR	4.7pF 50V K	
C221	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
C300	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C301	QEKJ1AM-107Z	E CAPACITOR	100uF 10V M	
C304	QEKJ1CM-106Z	E CAPACITOR	10uF 16V M	
C306	FQETJ1AM-227Z	E CAPACITOR		
C307	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C308	QDXB1CM-152Y	C CAPACITOR	1500pF 16V M	
C310	QCBB1HK-223Y	C CAPACITOR	0.022uF 50V K	
C313	QEKJ1AM-107Z	E CAPACITOR	100uF 10V M	
C314	QCFB1HZ-105Y	C CAPACITOR	1uF 50V Z	
C316	QFG32AJ-223Z	PP CAPACITOR	0.022uF 100V J	
C319	QFLC1HJ-472Z	M CAPACITOR	4700pF 50V J	
C331	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C340	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C341	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	
C342	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C371	QEKJ1EM-475Z	E CAPACITOR	4.7uF 25V M	
C374	QEKJ1AM-107Z	E CAPACITOR	100uF 10V M	
C376	QDYB1CM-103Y	C CAPACITOR	0.01uF 16V M	
R101	QRE141J-512Y	C RESISTOR	5.1kΩ 1/4W J	
R102	QRE141J-512Y	C RESISTOR	5.1kΩ 1/4W J	
R104	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R105	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R106	QRE141J-113Y	C RESISTOR	11kΩ 1/4W J	
R107	QRE141J-912Y	C RESISTOR	9.1kΩ 1/4W J	
R108	QRE141J-273Y	C RESISTOR	27kΩ 1/4W J	
R110	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R116	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R121	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J	
R201	QRE141J-512Y	C RESISTOR	5.1kΩ 1/4W J	
R202	QRE141J-512Y	C RESISTOR	5.1kΩ 1/4W J	
R204	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R205	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R206	QRE141J-113Y	C RESISTOR	11kΩ 1/4W J	
R207	QRE141J-912Y	C RESISTOR	9.1kΩ 1/4W J	
R208	QRE141J-273Y	C RESISTOR	27kΩ 1/4W J	
R210	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R216	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R221	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J	
R301	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R302	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R303	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
⚠ R304	QRJ146J-101X	UNF C RESISTOR	100Ω 1/4W J	
R305	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R306	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
⚠ R310	QRJ146J-4R7X	UNF C RESISTOR	4.7Ω 1/4W J	
R313	QRE141J-2R2Y	C RESISTOR	2.2Ω 1/4W J	
R314	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J	
R315	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R327	QRE141J-474Y	C RESISTOR	470kΩ 1/4W J	
R335	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R336	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R337	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R338	QRE141J-392Y	C RESISTOR	3.9kΩ 1/4W J	
R339	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R340	QRE141J-681Y	C RESISTOR	680Ω 1/4W J	
R341	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
R342	QRE141J-243Y	C RESISTOR	24kΩ 1/4W J	
R343	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	
R344	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R345	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R346	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R347	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
⚠ R353	QRZ9005-100X	FUSI RESISTOR	10Ω	
R371	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
R372	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R375	QRE141J-151Y	C RESISTOR	150Ω 1/4W J	
R376	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
VR31	QVP0008-203Z	TRIM RESISTOR	20kΩ	
VR37	QVP0077-103Z	TRIM RESISTOR	10kΩ	
L303	QQL244K-100Z	COIL	10uH K	

Packing materials and accessories parts list

Block No. M 3 M M



Packing and accessories

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

⚠	Symbol No.	Part No.	Part Name	Description	Local
	A 1	GVT0101-005A	INST BOOK	ENG	
	A 2	QAL0457-001	ANT.WIRE		
	A 3	QAL0014-001	AM LOOP ANT		
⚠	A 4	QMPH010-183-JD	POWER CORD(AST)	1.83m BLACK	
	A 5	RM-SUXH35U	REMOCON UNIT		
	A 6	----------	BATTERY	(x2)	
	A 7	BT-56012-1	WARRANTY CARD		
	A 8	UXH35K-SPBOX	SPEAKER BOX	(x2)	
	P 1	GV30426-005A	CARTON ASSY.		
	P 2	GV20200-001A	CUSHION FRONT		
	P 3	GV20200-002A	CUSHION REAR		
	P 4	QPC04504515P	POLY BAG	45cm x 45cm	
	P 5	QPC02503515P	POLY BAG	25cm x 35cm	
	P 6	70012006210	POLY BAG	(x2)	
	P 7	71525007400	PACKING SHEET	(x2)	
	P 8	7200UXH3000	CUSHION	(x2)	