

JVC

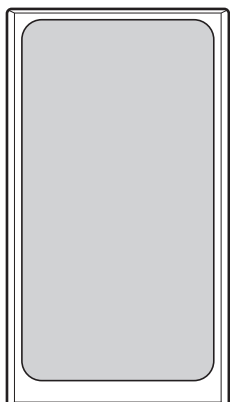
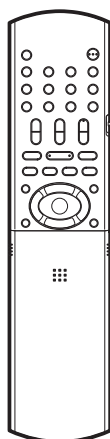
SERVICE MANUAL

MICRO COMPONENT SYSTEM

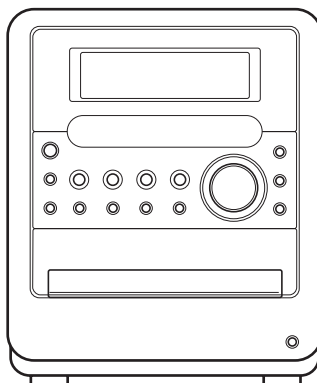
UX-QD9S

Area suffix

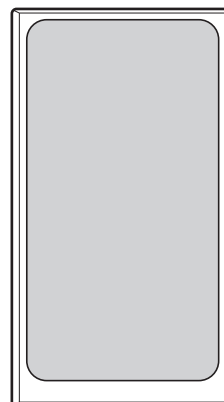
A ----- Australia
US ----- Singapore
UN ----- Asean



(SP-UXQD9S)



(CA-UXQD9S)



(SP-UXQD9S)



MP3
PLAYBACK

AV COMPU LINK
Digital Direct Progressive Scan



TABLE OF CONTENTS

1	PRECAUTION.....	1-3
2	SPECIFIC SERVICE INSTRUCTIONS.....	1-6
3	DISASSEMBLY.....	1-7
4	ADJUSTMENT.....	1-28
5	TROUBLESHOOTING.....	1-32

SPECIFICATION

DVD receiver (CA-UXQD9S)

Amplifier	Output power		20 W + 20 W at 4 Ω (10% THD)
	Input terminals	Analog	AUX×1, 500 mV/47 kΩ:LEVEL1 250 mV/47 kΩ:LEVEL2
	Output terminals	Analog	Speaker×1, 20 W/4 Ω, Impedance 4 Ω - 16 Ω Headphone (×1), 25 mW/32 Ω, Impedance 16 Ω - 1 kΩ
		Digital	DVD/CD optical input × 1 -23 dBm to -15 dBm (Optical square terminal)
Other		AV COMPU LINK × 2 (Ø 3.5)	
Tuner	Frequency	FM	87.50 MHz - 108.00 MHz
		AM	531 kHz - 1 710 kHz (9 kHz spacing) 530 kHz - 1 710 kHz (10 kHz spacing)
DVD player	Playable discs		DVD VIDEO, DVD AUDIO, CD, VCD, SVCD, CD-R/CDRW (CD, VCD, SVCD, MP3/ WMA/JPEG format), DVD-R/ DVD-RW (video format)
Cassette deck	Frequency response	Normal (type I)	60 Hz - 14 000 Hz
		Wow and flutter	0.15% (WRMS)
General	Power requirement		AC 240 V , 50/60 Hz (UN,US only) AC 240 V , 50 Hz (A only)
	Power consumption		70 W (at operation) 1.3 W (on standby)
	Dimensions		165 mm (W) × 200 mm (H) × 355 mm (D)
	Mass (approx.)		4.6 kg

Speaker (SP-UXQD9S)

System		3-way bass reflex type, Magnetically shielded type
Speakers	Woofer	10 cm × 1
	Midrange	4 cm × 1
	Tweeter	1.5 cm × 1
Power handling capacity		20 W
Impedance		4 Ω
Frequency range		55 Hz - 40 kHz
Sound pressure level		85 dB/W·m
Dimensions		140 mm (W) × 231 mm (H) × 204.5 mm (D)
Mass (approx.)		2.2 kg (1 unit)

Micro component system (UX-QD9S)

General	Dimensions	445 mm (W) × 231 mm (H) × 355 mm (D)
	Mass (approx.)	9.0 kg

- U.S. and foreign patents licensed from Dolby Laboratories.
- Design and specifications are subject to change without notice.

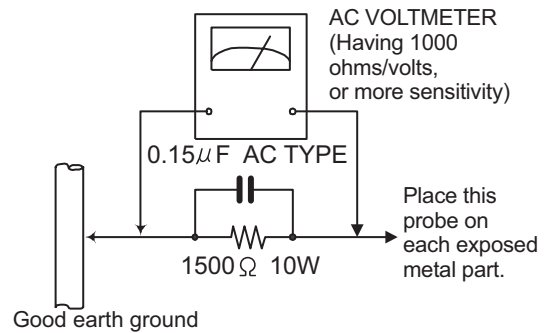
SECTION 1 PRECAUTION

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 manufacturer's warranty and will further relieve the manufacturer 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 part 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 (■), diode (■) and ICP (●) 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 does not Except the J and C 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

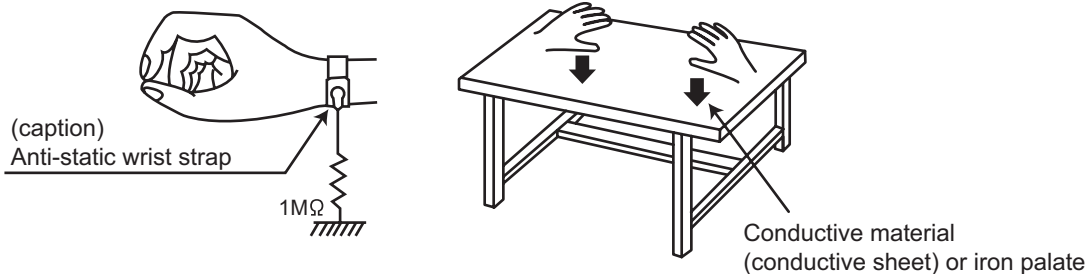
Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as laser products. Be careful to use proper grounding in the area where repairs are being performed.

(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.

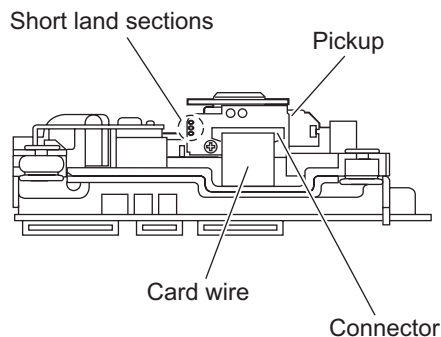
1.6 Handling the traverse unit (optical pickup)

- (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 pickup unit.**

- Apply solder to the short land sections before the flexible wire is disconnected from the connector on the servo board. (If the flexible wire is disconnected without applying solder, the 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 interlock 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 CD,MD and DVD 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 defeated. 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 here in may result in hazardous radiation exposure.



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

CAUTION : Visible and invisible laser radiation when open and interlock failed or defeated.

AVOID DIRECT EXPOSURE TO BEAM.

ADVARSEL : Synlig og usynlig laserstråling når maskinen er åben eller interlocken fejler. Undgå direkte eksponering til stråling.

VARNING : Synlig och osynlig laserstråling när den öppnas och spärren är urkopplad. Betrakta ej strålen.

VARO : Avattaessa ja suojalukitus ohitettuna tai viallisena olet alltiina näkyvälle ja näkymättömälle lasersäteilylle. Vältä säteen kohdistumista suoraan itseesi.

REPRODUCTION AND POSITION OF LABELS

WARNING LABEL

CAUTION : Visible and invisible laser radiation when open and interlock failed or defeated. AVOID DIRECT EXPOSURE TO BEAM. (e)	ADVARSEL : Synlig og usynlig laserstråling når maskinen er åben eller interlocken fejler. Undgå direkte eksponering til stråling. (d)	VARNING : Synlig och osynlig laserstråling när den öppnas och spärren är urkopplad. Betrakta ej strålen. (s)	VARO : Avattaessa ja suojalukitus ohitettuna tai viallisena olet alltiina näkyvälle ja näkymättömälle lasersäteilylle. Vältä säteen kohdistumista suoraan itseesi. (f)
---	--	---	---

CLASS 1
LASER PRODUCT

CAUTION : Visible and invisible laser radiation when open and interlock failed or defeated. AVOID DIRECT EXPOSURE TO BEAM. (e)	VARO : Avattaessa ja suojalukitus ohitettuna tai viallisena olet alltiina näkyvälle ja näkymättömälle lasersäteilylle. Vältä säteen kohdistumista suoraan itseesi. (f)
VARNING : Synlig och osynlig laserstråling när den öppnas och spärren är urkopplad. Betrakta ej strålen. (s)	ADVARSEL : Synlig og usynlig laserstråling når maskinen er åben eller interlocken fejler. Undgå direkte eksponering til stråling. (d)

SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

SECTION 3 DISASSEMBLY

3.1 Main body section

3.1.1 Removing the rear cover

(See Figs.1 and 2)

- (1) From the back side of the main body, remove the eleven screws **A** attaching the rear cover. (See Fig.1.)
- (2) From the bottom side of the main body, remove the three screws **B** attaching the rear cover. (See Fig.2.)
- (3) Remove the rear cover from the main body.

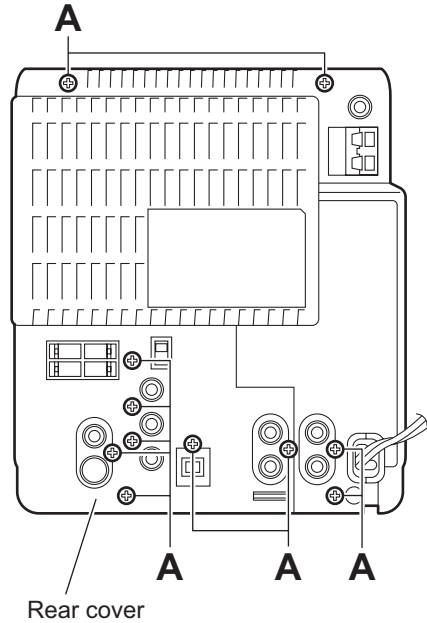


Fig.1

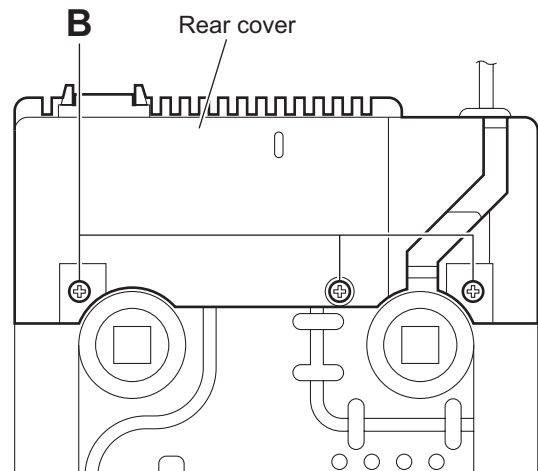


Fig.2

3.1.2 Removing the side panels (L)/(R) (See Fig.3)

- Remove the rear cover.
 - From the bottom side of the main body, remove the two screws **C** attaching the side panels (L)/(R).
 - Slide the side panels (L)/(R) in the direction of the arrow and remove the side panels (L)/(R).

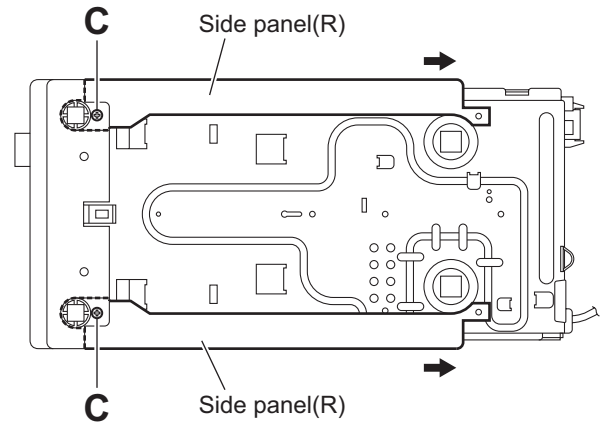


Fig.3

3.1.3 Removing the top cover assembly (See Figs.4 and 5)

- Remove the rear cover and side panels(L)/(R).
 - From the left side of the main body, disconnect the card wires from the connectors (CN703, CN709) on the micon board. (See Fig.4.)
 - Remove the screw **D** attaching the top cover assembly. (See Fig.4.)
 - From the right side of the main body, disconnect the card wire from the connector CN105 on the main board. (See Fig.5.)
 - Disconnect the wire from the connector CN108 on the main board. (See Fig.5.)

Reference:

When connecting the wire, pass it through the slot **b** of the main board as before. (See Fig.5.)

- From the both sides of the main body, remove the two screws **E** and screw **F** attaching the top cover assembly. (See Figs.4 and 5.)
- Release the joints **a** and remove the top cover assembly. (See Figs.4 and 5.)

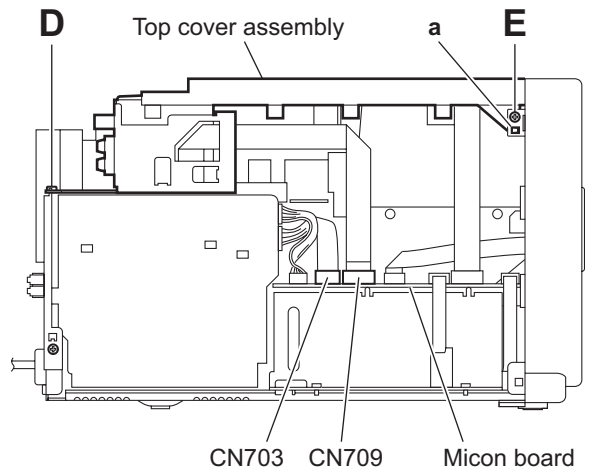


Fig.4

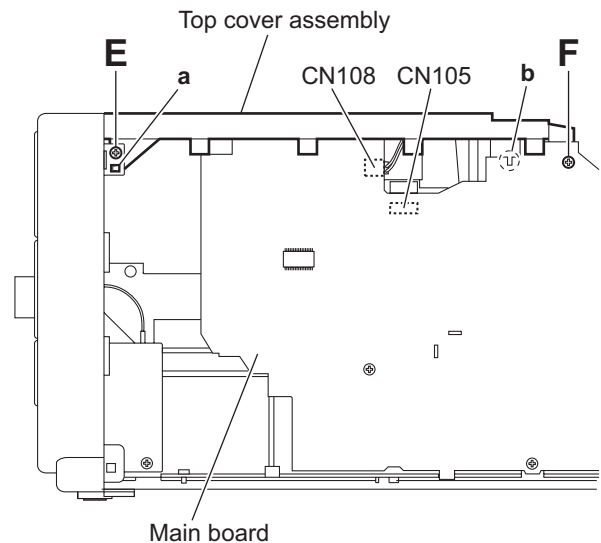


Fig.5

3.1.4 Removing the front panel assembly (See Figs.6 to 8)

- Remove the rear cover, side panels(L)/(R) and top cover assembly.
 - From the left side of the main body, disconnect the card wires from the connectors (CN702, CN710) on the micon board. (See Fig.6.)
 - From the right side of the main body, disconnect the earth wire from the micon board. (See Fig.7.)
 - From the both sides and bottom sides of the main body, release the joints c and joint d. (See Figs.6 to 8.)
 - Remove the front panel assembly in the direction of the arrow. (See Figs.6 to 8.)

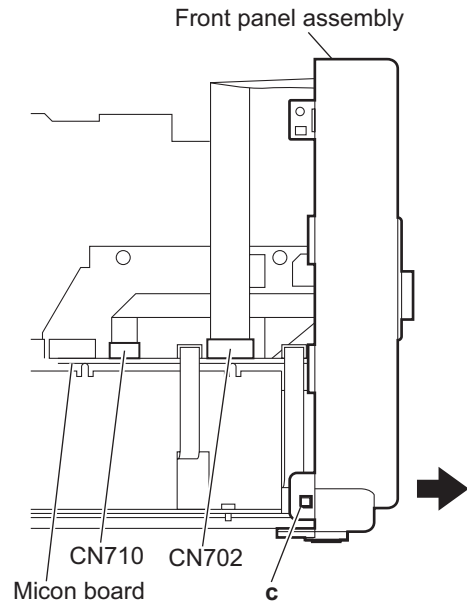


Fig.6

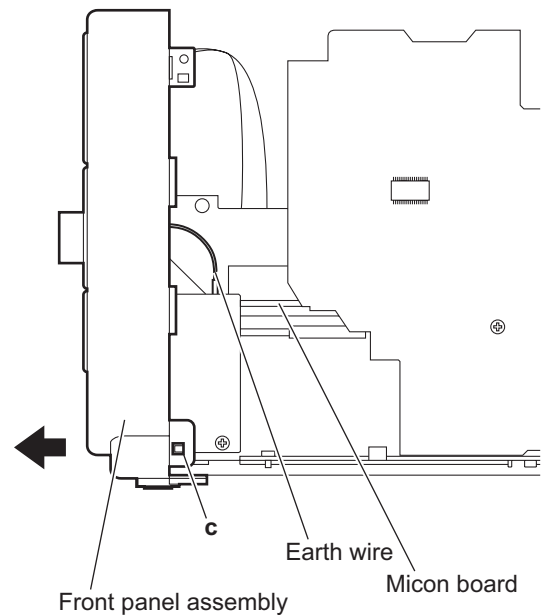


Fig.7

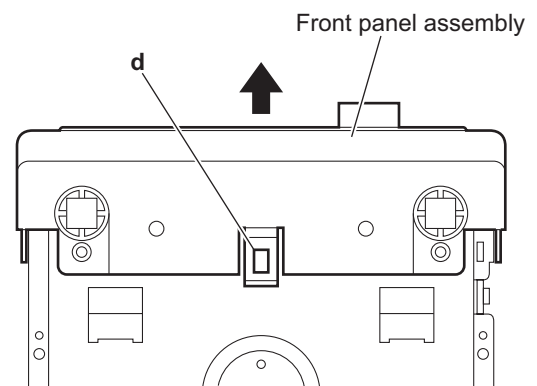


Fig.8

3.1.5 Removing the fan motor
(See Figs.9 and 10)

- Remove the rear cover, side panels(L)/(R) and top cover assembly.
 - From the back side of the top cover assembly, remove the screw **G** attaching the fan motor. (See Fig.9.)

Reference:

When attaching the screw **G**, attach the spacer with it. (See Fig.9.)

- Take out the fan motor.

Reference:

When attaching the fan motor, pass the wire through the slot **e**. (See Fig.10.)

3.1.6 Removing the tuner
(See Figs.9 and 10)

- Remove the rear cover, side panels(L)/(R) and top cover assembly.
 - From the back side of the top cover assembly, remove the two screws **H** attaching the tuner bracket. (See Fig.9.)
 - From the inside of the top cover assembly, remove the screw **J** attaching the tuner bracket. (See Fig.10.)
 - Take out the tuner with the tuner bracket.
 - Remove the tuner from the tuner bracket.

3.1.7 Removing the cassette mechanism assembly
(See Fig.10)

- Remove the rear cover, side panels(L)/(R) and top cover assembly.
 - From the inside of the top cover assembly, remove the screw **K**, screw **L**, screws **L'** and screw **L''** attaching the cassette mechanism assembly.
 - Loosen the screw **M** attaching the cassette mechanism assembly.
 - Remove the cassette mechanism assembly.

Reference:

- When attaching the screw **L'**, attach the lug wire and shield with it.
- When attaching the screw **L''**, attach the shield with it.

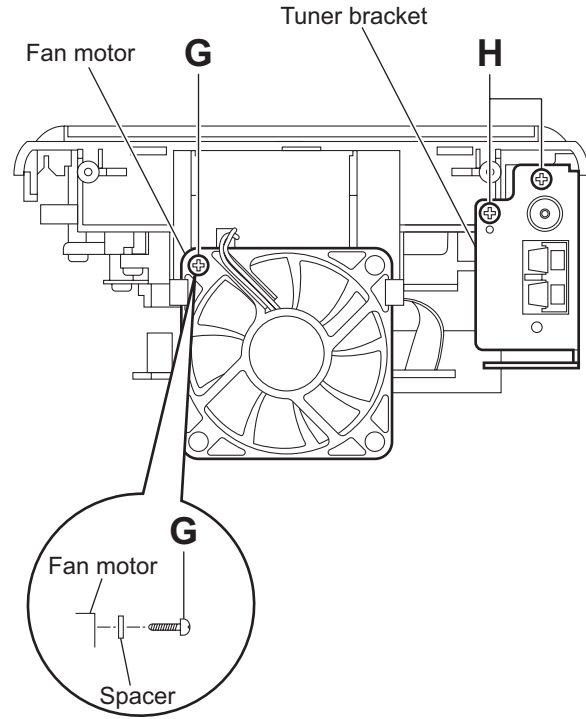


Fig.9

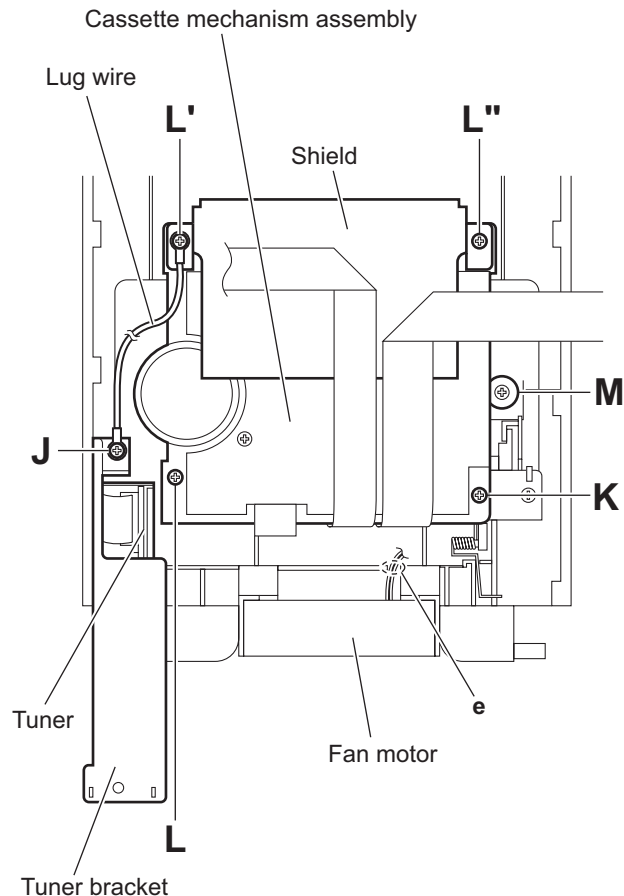


Fig.10

3.1.8 Removing the heat sink (See Fig.11)

- Remove the rear cover, side panels(L)/(R) and top cover assembly.
 - From the back side of the main body, remove the eight screws **N** attaching the heat sink.
 - Remove the heat sink from the main board and regulator board.

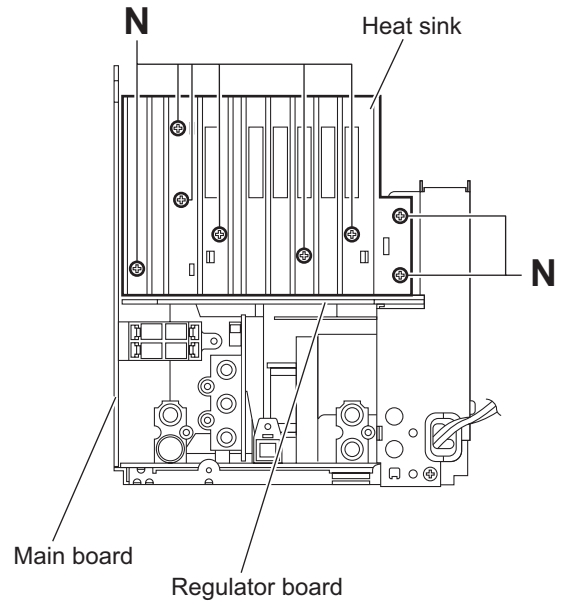


Fig.11

3.1.9 Removing the main board (See Fig.12)

- Remove the rear cover, side panels(L)/(R), top cover assembly and heat sink.
 - From the right side of the main body, remove the two screws **P** attaching the main board. (See Fig.12.)
 - Disconnect the connectors ([CN101](#) to [CN104](#), [CN106](#) and [CN110](#)) on the main board toward this side. (See Fig.12.)
 - From the forward side of the main board, disconnect the wires from the connectors ([CN109](#) and [CN111](#)). (See Fig.12.)

Reference:

Remove it when a lug wire from the main board is installed with a screw **Q**.
(When the screw **Q** and lug wire are installed, apply it.) (See Fig.13.)

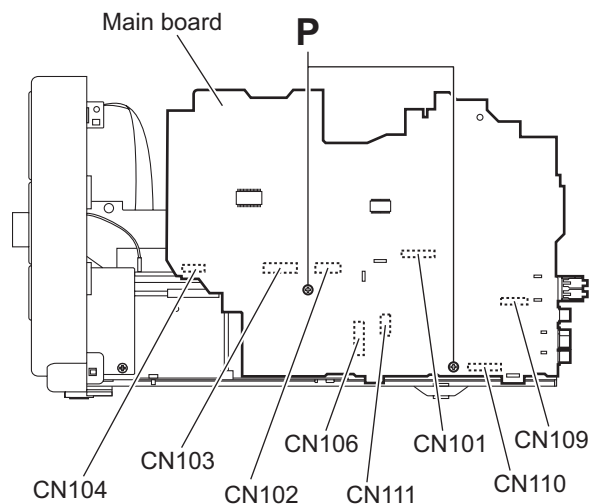


Fig.12

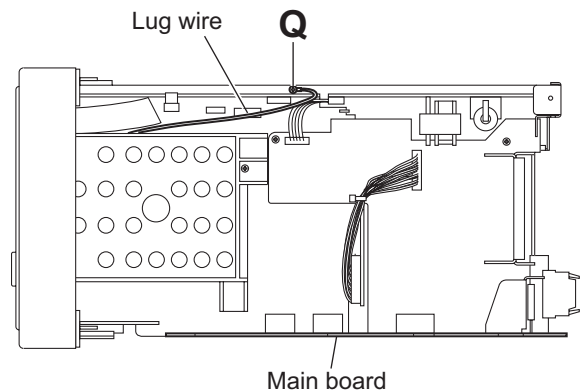


Fig.13

3.1.10 Removing the regulator board (See Fig.14)

- Remove the rear cover, side panels(L)/(R), top cover assembly, heat sink and main board.
 - From the top side of the main body, disconnect the wire from the connector [CN902](#) on the transformer board.
 - Disconnect the wire from the connector [CN202](#) on the regulator board.
 - Remove the three screws **R** attaching the regulator board.
 - Take out the regulator board from the main body.

Reference:

After attaching the regulator board, attach the barrier (C) as before.

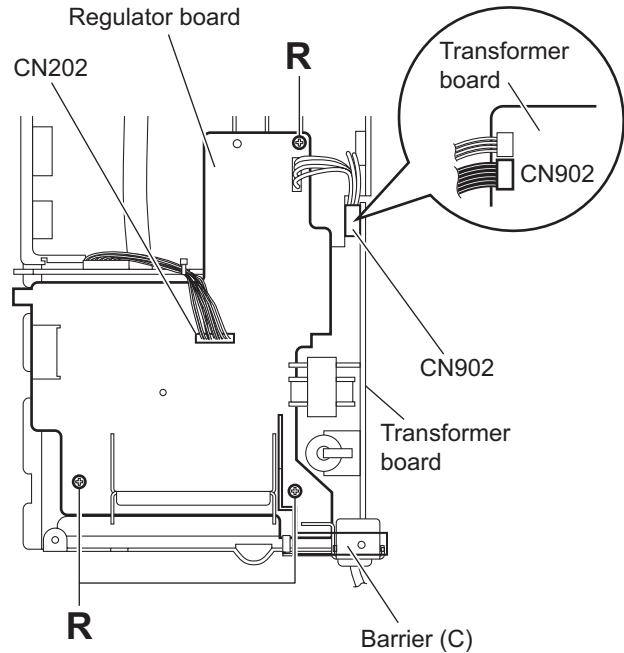


Fig.14

3.1.11 Removing the transformer board (See Fig.15)

- Remove the rear cover, side panels(L)/(R), top cover assembly, heat sink, main board and regulator board.
 - From the back side of the main body, remove the two screws **S** attaching the heat sink bracket.
 - From the left side of the main body, remove the tie band.

Reference:

After attaching the transformer board, fix the power cord with the new tie band as before.

- Disconnect the wire from the connector [CN903](#) on the transformer board.
- Disconnect the power cord from the connector [CN901](#) on the transformer board.
- Remove the three screws **T** attaching the power transformer and take out the transformer board from the main body.

Reference:

Remove the transformer shield as required.

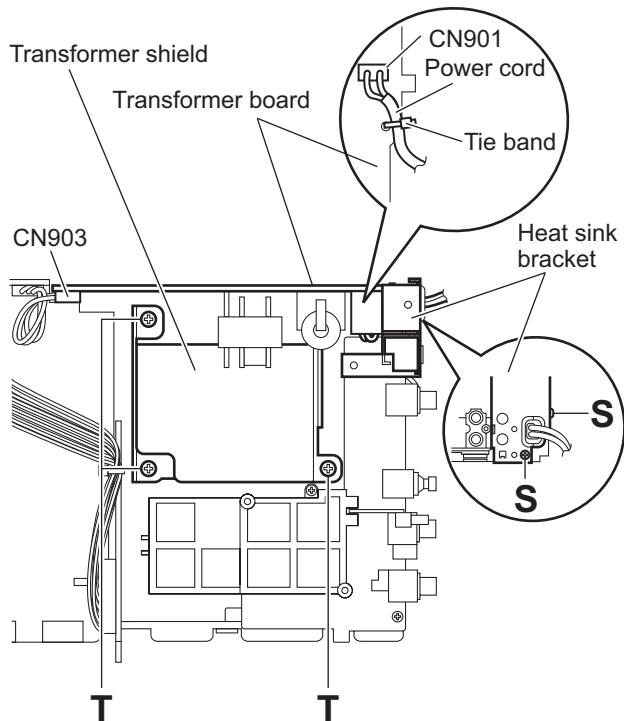


Fig.15

3.1.12 Removing the power transformer (See Fig.16)

- Remove the rear cover, side panels(L)/(R), top cover assembly, heat sink, main board, regulator board and transformer board.

- From the reverse side of the transformer board, remove the solders from the sections **f** on the transformer board.
- Remove the power transformer from the transformer board.

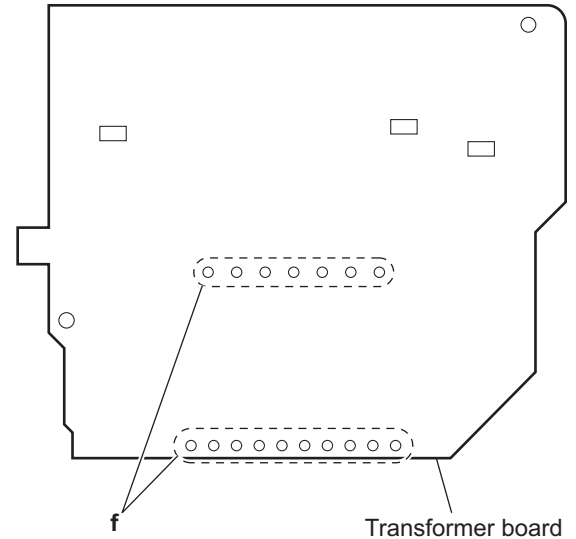


Fig.16

3.1.13 Removing the jack board and component board (See Fig.17)

- Remove the rear cover, side panels(L)/(R), top cover assembly, heat sink, main board and regulator board.

- From the back side of the main body, remove the two screws **U** attaching the heat sink bracket.
- From the top side of the main body, remove the screw **V** attaching the PWB holder and take out the PWB holder.

Reference:

When attaching the PWB holder, put the section **g** under the hook of the bottom chassis.

- Remove the screw **W** attaching the jack board and take out the jack board with the component board.

Reference:

- Remove the connector [CN631](#) on the component board from the jack board as required.
- When attaching the jack board, attach it after putting a projection **h** of the bottom chassis in a hole of the jack board.

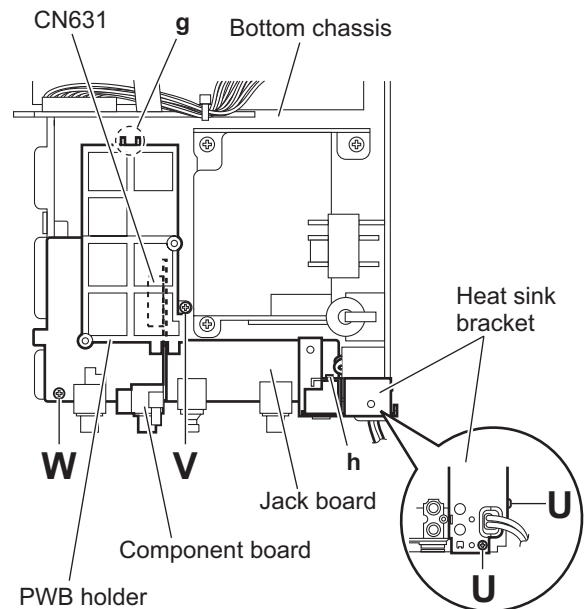


Fig.17

3.1.14 Removing the joint board (See Fig.18)

- Remove the rear cover, side panels(L)/(R), top cover assembly, heat sink, main board, regulator board and transformer board.

Reference:

Remove the jack board as required.

- From the back side of the main body, remove the two screws **X** attaching the joint board.
- Remove the connector **CN805** on the joint board from the micon board toward this side.
- From the forward side of the joint board, disconnect the card wires from the connectors (**CN801** and **CN802**) on the joint board.
- Take out the joint board from the main body.

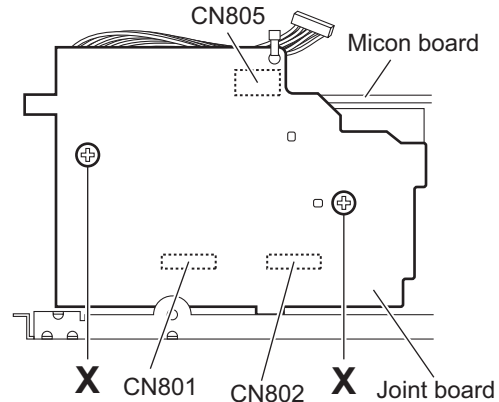


Fig.18

3.1.15 Removing the micon board (See Fig.19)

- Remove the rear cover, side panels(L)/(R), top cover assembly, front panel assembly, heat sink, main board and regulator board.

- Remove the two screws **Y** attaching the MD holder to the micon board. (See Fig.19.)
- Take out the MD holder.
- Disconnect the wire from the connector **CN903** on the transformer board. (See Fig.20.)
- Disconnect the card wires from the connectors (**CN705** and **CN711**) on the micon board. (See Fig.20.)
- Remove the screw **Z** attaching the micon board. (See Fig.20.)
- Disconnect the micon board from the connector **CN805** on the joint board. (See Fig.20.)
- Take out the micon board from the main body.

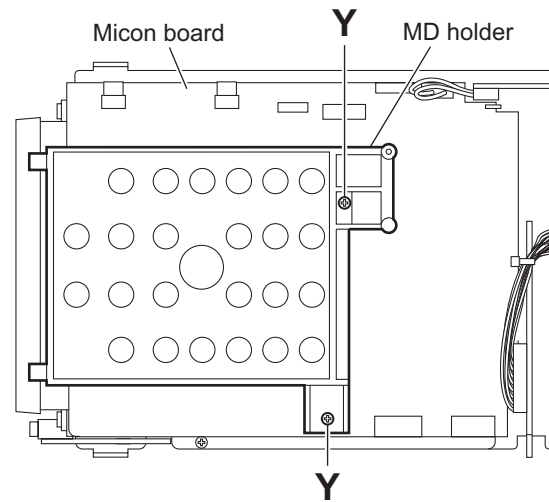


Fig.19

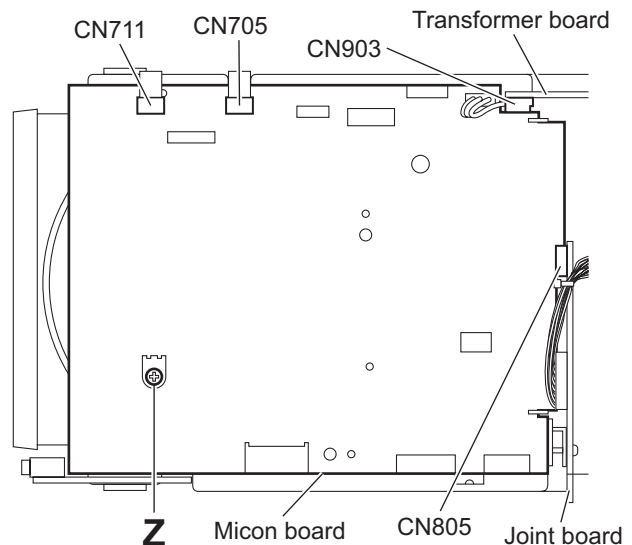


Fig.20

**3.1.16 Removing the DVD mechanism assembly
(See Figs.21 and 22)**

- Remove the rear cover, side panels(L)/(R), top cover assembly, heat sink, main board, regulator board, transformer board and joint board.

- (1) From the top side of the main body, disconnect the card wires from the connectors (CN705 and CN711) on the micon board. (See Fig.21.)
- (2) From the left side of the main body, remove the spacers fixing the card wires. (See Fig.21.)
- (3) From the top side of the main body, remove the two screws **AA** attaching the DVD mechanism bracket. (See Fig.21.)
- (4) Move the DVD mechanism bracket in the direction of the arrow to release the claws **i** and remove the DVD mechanism bracket. (See Fig.21.)
- (5) Remove the screw **AB** attaching the DVD mechanism assembly. (See Fig.22.)
- (6) Take out the DVD mechanism assembly from the main body. (See Fig.22.)

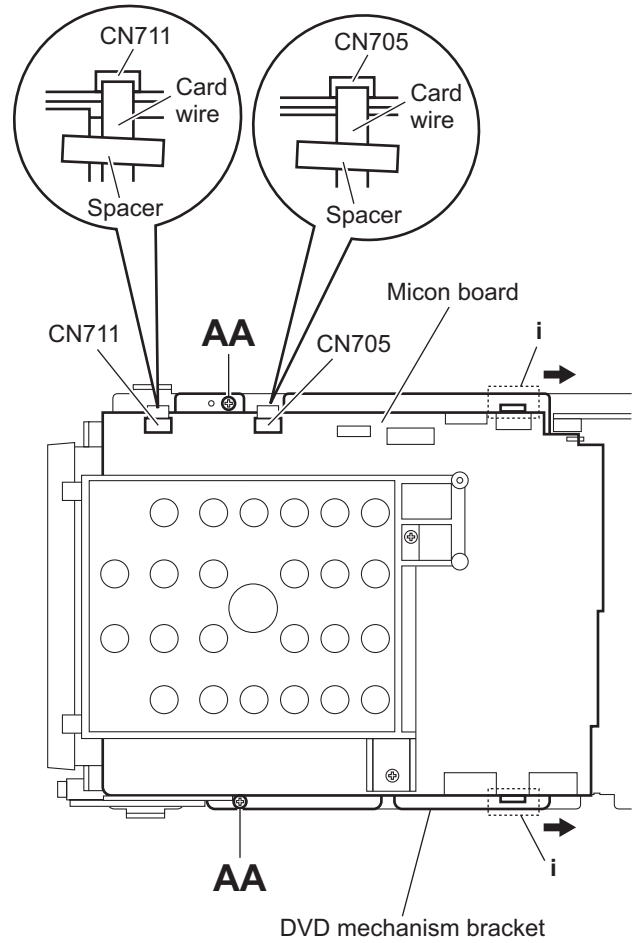


Fig.21

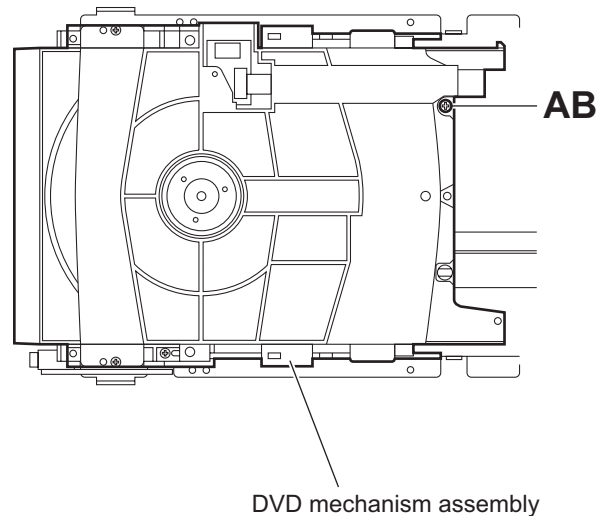


Fig.22

3.1.17 Removing the headphone board
(See Fig.23)

- Remove the rear cover, side panels(L)/(R), top cover assembly, heat sink, main board, regulator board, transformer board, joint board and DVD mechanism assembly.
- (1) From the right side of the main body, remove the screw **AC** attaching the headphone board.
- (2) Take out the headphone board from the main body.

Reference:

- When attaching the headphone board, put the headphone board in the slot **j**.
- When attaching the headphone board, pass the wire through the section **k**.
- After attaching the headphone board, fix the wires with the spacers as before.

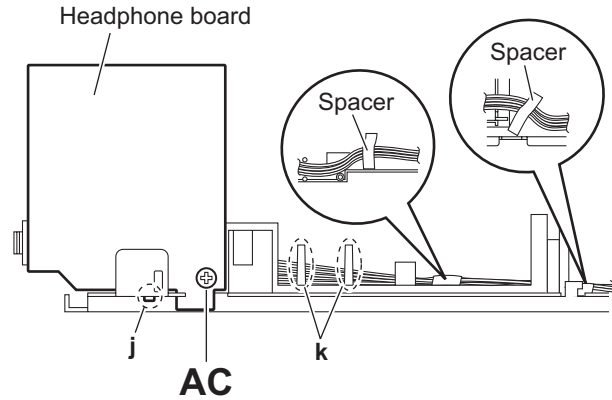


Fig.23

3.1.18 Removing the FL board
(See Fig.24)

- Remove the rear cover, side panels(L)/(R), top cover assembly and front panel assembly.
- (1) From the inside of the front panel assembly, remove the three screws **AD** attaching the FL board.
- (2) Take out the FL board from the front panel assembly.

Note:

When attaching the FL board, be careful not to damage the LCD panel.

3.1.19 Removing the key board
(See Figs.24 and 25)

- Remove the rear cover, side panels(L)/(R), top cover assembly and front panel assembly.
- (1) From the front side of the front panel assembly, pull out the volume knob in the direction of the arrow. (See Fig.25.)
- (2) From the inside of the front panel assembly, remove the six screws **AE** attaching the key board.
- (3) Take out the key board from the front panel assembly.

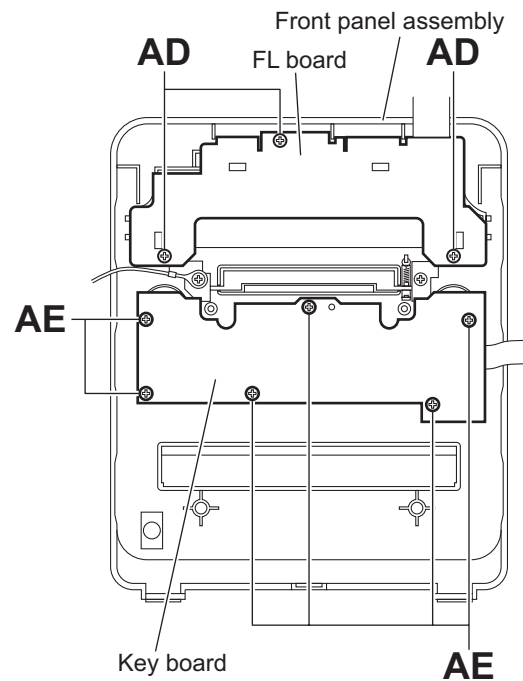


Fig.24

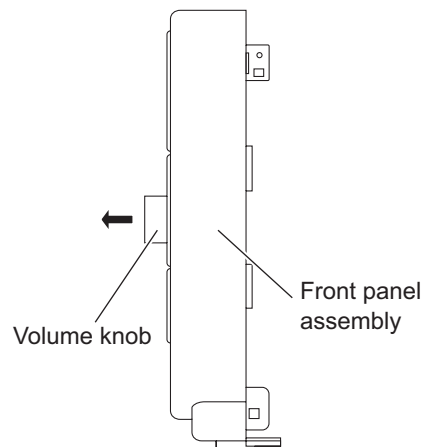


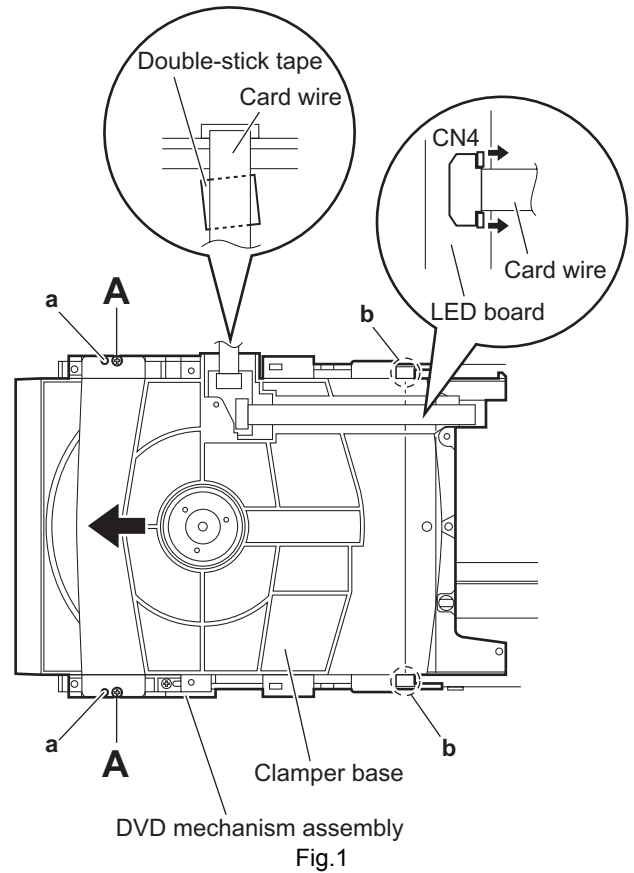
Fig.25

3.2 DVD mechanism assembly section

- Remove the DVD mechanism assembly from the main body.
(See "3.1.16 Removing the DVD mechanism assembly".)

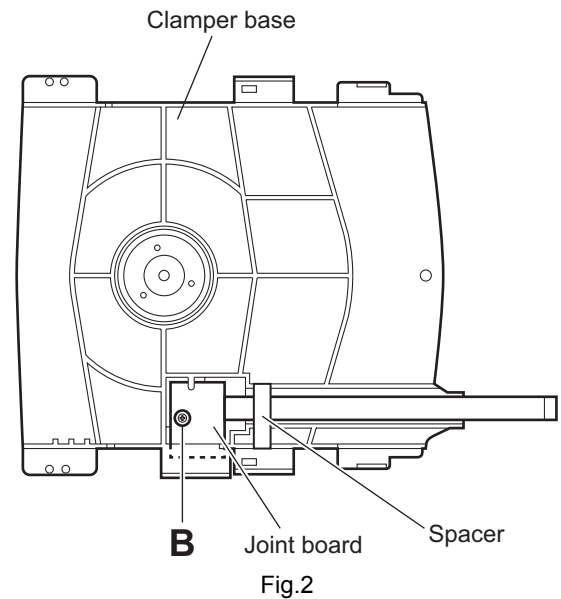
3.2.1 Removing the DVD cover (See Fig.1)

- From the top side of the DVD mechanism assembly, remove the two screws **A** attaching the DVD cover.
- Remove the double-stick tape fixing the card wire.
- Lift the DVD cover in an upward direction and remove it from the projections **a** of the DVD mechanism assembly.
- Slide the DVD cover in the direction of the arrow and remove it from the sections **b**.
- Release the lock of the connector **CN4** on the LED board and disconnect the card wire.



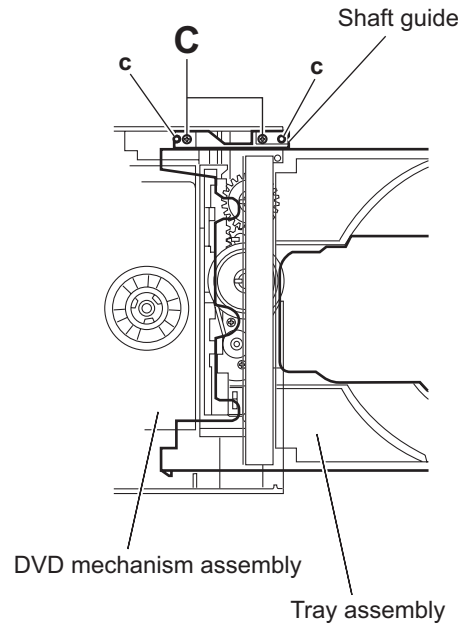
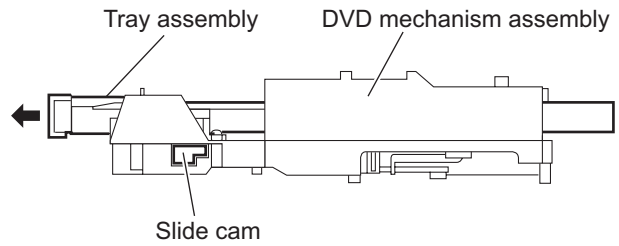
3.2.2 Removing the joint board (See Fig.2)

- Remove the DVD cover.
 - From the inside of the DVD cover, remove the screw **B** attaching the joint board.
 - Remove the spacer attaching the joint board and take out the joint board from the DVD cover.



3.2.3 Removing the tray assembly (See Figs.3 and 4)

- Remove the DVD cover.
 - (1) From the right side of the DVD mechanism assembly, push the slide cam and pull the tray assembly out of the DVD mechanism assembly in the direction of the arrow. (See Fig.3.)
 - (2) From the top side of the DVD mechanism assembly, remove the two screws **C** attaching the tray assembly. (See Fig.4.)
 - (3) Remove the bushing of the tray assembly from the projections **c** on the DVD mechanism assembly and take out the tray assembly in an upward direction. (See Fig.4.)

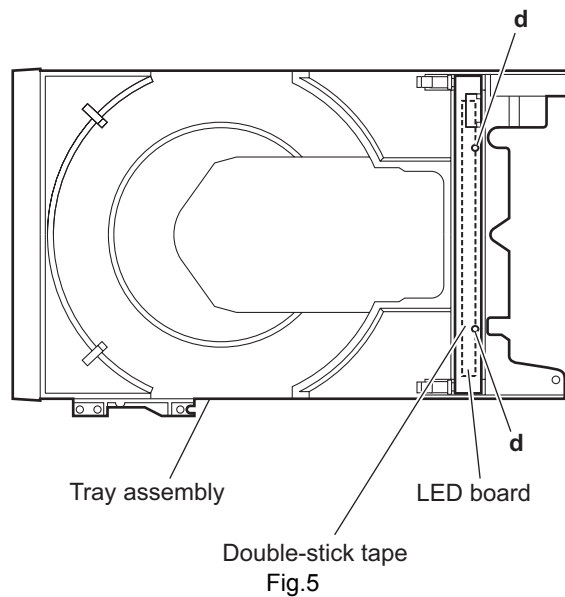


3.2.4 Removing the LED board (See Fig.5)

- Remove the DVD cover and tray assembly.
 - (1) From the top side of the tray assembly, remove the sections **d** which were fixed in bond.
 - (2) Remove the double-stick tape attaching the LED board and take out the LED board.

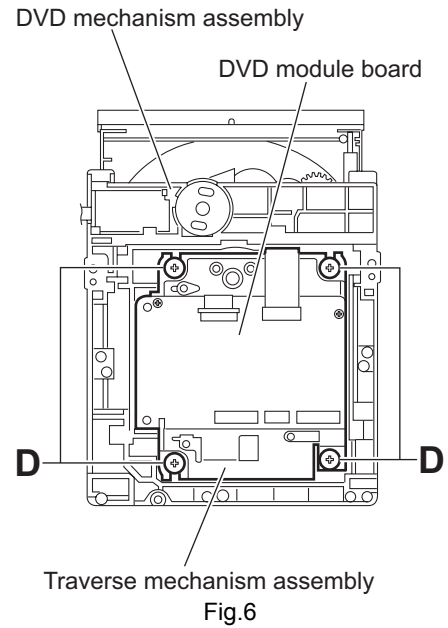
Note:

When removing the LED board, be sure not to damage the LED board.



3.2.5 Removing the traverse mechanism assembly (See Figs.6)

- Remove the DVD cover.
 - (1) From the bottom side of the DVD mechanism assembly, remove the four screws **D** attaching the traverse mechanism assembly.
 - (2) Take out the traverse mechanism assembly with the DVD module board.

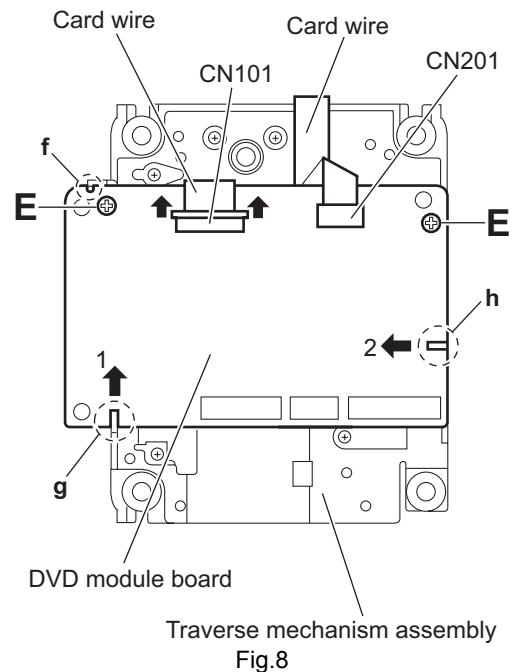
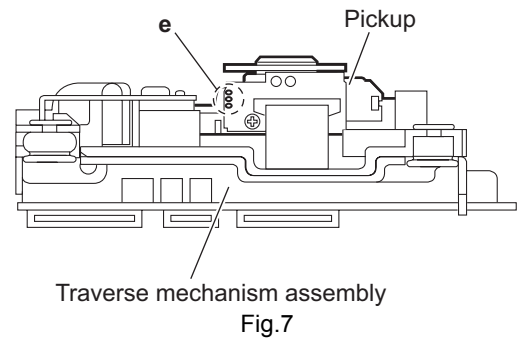


3.2.6 Removing the DVD module board (See Figs.7 and 8)

- Remove the DVD cover and traverse mechanism assembly.
 - (1) From the side of the traverse mechanism assembly, solder the short land sections **e** of the pickup. (See Fig.7.)
 - (2) From the bottom side of the traverse mechanism assembly, release the lock of the connector **CN101** on the DVD module board in the direction of the arrow and disconnect the card wire. (See Fig.8.)

Caution:

- Solder the short land section **e** on the pickup before disconnecting the card wire from the connector **CN101** on the DVD module board. If the card wire is disconnected without attaching solder, the pickup may be destroyed by static electricity. (See Figs.7 and 8.)
 - When attaching the DVD module board, be sure to remove solders from the short land section **e** after connecting the card wire to the connector **CN101** on the DVD module board. (See Figs.7 and 8.)
- (3) Disconnect the card wire from the connector **CN201** on the DVD module board. (See Fig.8.)
 - (4) Remove the two screws **E** attaching the DVD module board. (See Fig.8.)
 - (5) Remove the DVD module board from the projection **f** in an upward direction and remove the claw **h** in the direction of the arrow 2 while removing the claw **g** in the direction of the arrow 1. (See Fig.8.)

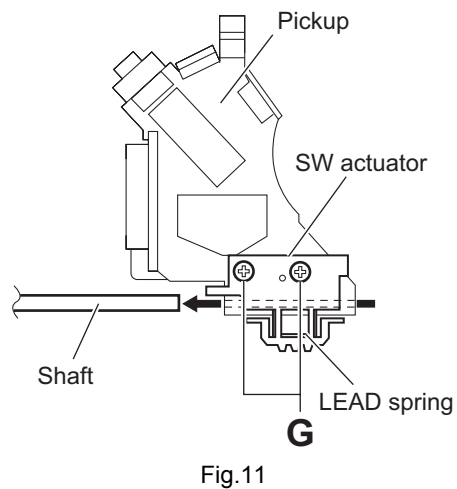
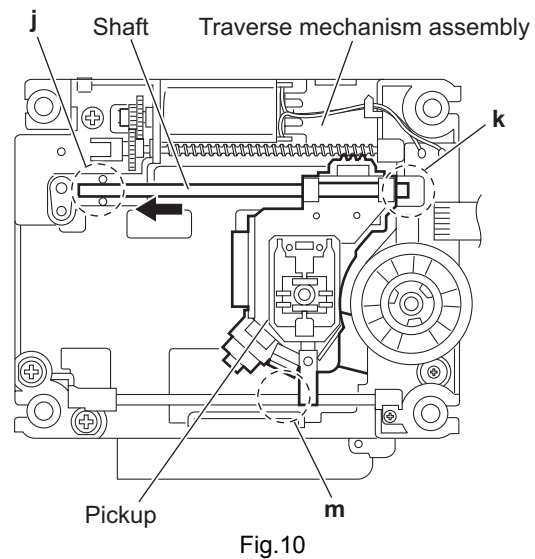
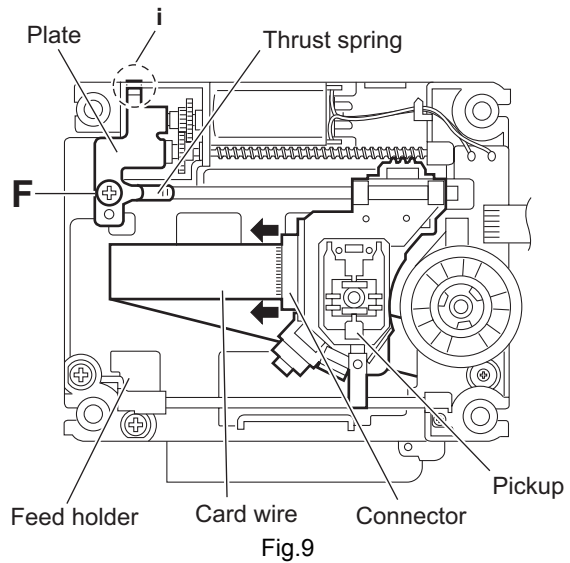


3.2.7 Removing the pickup (See Figs.7, 9 to 11)

- Remove the DVD cover and traverse mechanism assembly.
 - (1) From the side of the traverse mechanism assembly, solder the short land sections **e** of the pickup. (See Fig.7.)
 - (2) Release the lock of the connector of the pickup in the direction of the arrow and disconnect the card wire. (See Fig.9.)

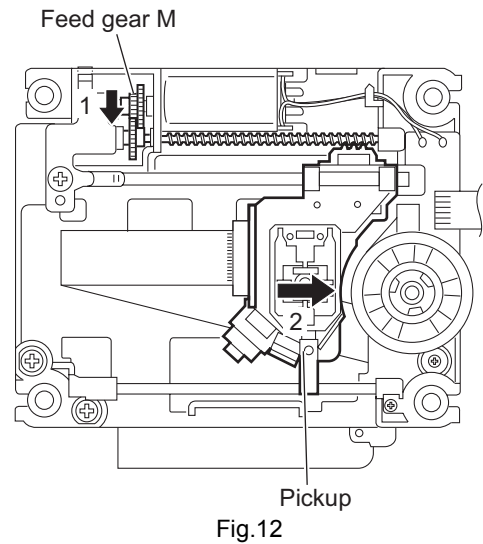
Caution:

- Solder the short land section **e** on the pickup before disconnecting the card wire from the connector on the pickup. If the card wire is disconnected without attaching solder, the pickup may be destroyed by static electricity. (See Figs.7 and 9.)
 - When attaching the pickup, be sure to remove solders from the short land section **e** after connecting the card wire to the connector on the pickup. (See Figs.7 and 9.)
- (3) Remove the screw **F** attaching the plate and thrust spring. (See Fig.9.)
 - (4) Remove the plate from the joint **i** of the feed holder and take out the plate with the thrust spring. (See Fig.9.)
 - (5) Remove the shaft of the pickup from the section **j** of the traverse mechanism assembly and remove it from the section **k** while moving the shaft in the direction of the arrow. (See Fig.10.)
 - (6) Remove the pickup from the section **m** of the traverse mechanism assembly and take out the pickup with the shaft. (See Fig.10.)
 - (7) From the bottom side of the pickup, remove the two screws **G** attaching the SW actuator and LEAD spring. (See Fig.11.)
 - (8) Pull the shaft out of the pickup. (See Fig.11.)



3.2.8 Attaching the pickup (See Figs.7, 9 to 12)

- See "3.2.7 Removing the pickup".
 - (1) Attach the shaft, SW actuator and LEAD spring to the pickup. (See Fig.11.)
 - (2) Align the pickup to the section **m** of the traverse mechanism assembly first, and set the both ends of the shaft of the pickup in the sections (**j**, **k**) of the traverse mechanism assembly. (See Fig.10.)
 - (3) Attach the plate and thrust spring. (See Fig.9.)
 - (4) Remove the solders from the soldered sections **e** after attaching the card wire to the connector on the pickup. (See Figs.7 and 9.)
 - (5) Turn the feed gear M in the direction of the arrow 1 to move the pickup fully in the direction of the arrow 2. (See Fig.12.)



3.2.9 Removing the feed motor (See Figs.13 to 15)

- Remove the DVD cover and traverse mechanism assembly.
 - From the top side of the traverse mechanism assembly, remove the screw **H** attaching the plate and thrust spring. (See Fig.13.)
 - Remove the plate from the joint **n** of the feed holder and take out the plate with the thrust spring. (See Fig.13.)
 - Remove the wires from the soldered sections **p** on the spindle motor board. (See Fig.14.)

Reference:

When attaching the feed motor, pass the wires through the section **q** on the spindle base. (See Fig.14.)

- Remove the three screws **J** attaching the feed holder. (See Fig.14.)
- Remove the feed holder, feed motor, lead screw, feed gear **E** and feed gear **M** simultaneously. (See Fig.14.)
- From the side of the feed holder, remove the two screws **K** attaching the feed motor. (See Fig.15.)

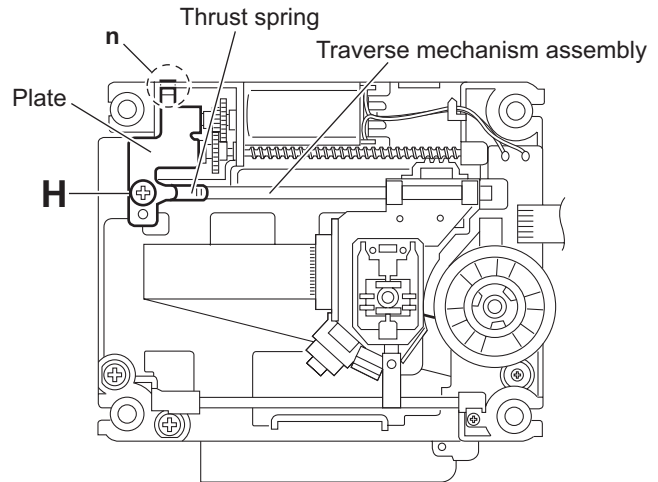


Fig.13

3.2.10 Removing the spindle motor board (See Fig.14 and 16)

- Remove the DVD cover, traverse mechanism assembly and DVD module board.
 - From the top side of the traverse mechanism assembly, remove the wires from the soldered sections **p** on the spindle motor board. (See Fig.14.)
 - From the bottom side of the traverse mechanism assembly, remove the three screws **L** attaching the spindle motor board. (See Fig.16.)

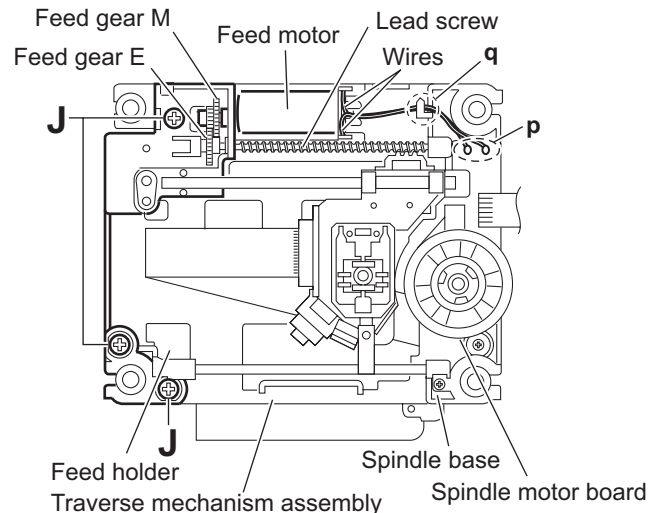


Fig.14

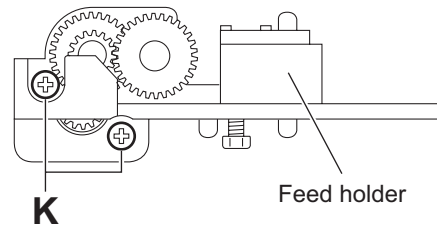


Fig.15

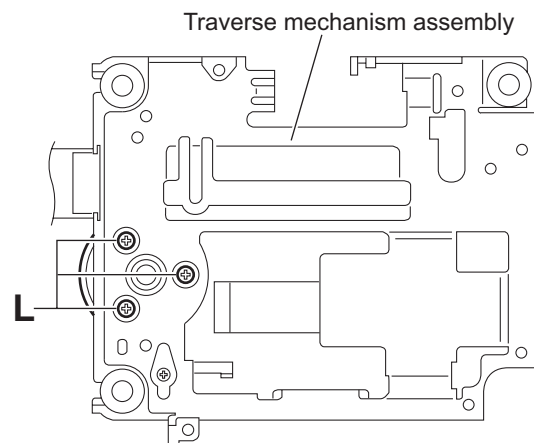


Fig.16

3.2.11 Removing the DVD loading switch board (See Fig.17)

- (1) From the bottom side of the DVD mechanism assembly, remove the screw **M** attaching the DVD loading switch board.
- (2) Remove the wires from the soldered sections **r** on the DVD loading switch board.
- (3) Lift the DVD loading switch board while pressing the claw **s** of the DVD mechanism assembly in the direction of the arrow and remove the DVD loading switch board from the section **t**.
- (4) From the forward side of the DVD loading switch board, disconnect the card wire from the connector **CN1**.

Reference:

- Put the wires on the section **u** after attaching the DVD loading switch board to the DVD mechanism assembly.
- Fix the claw **t** on the DVD mechanism assembly with bonds after attaching the DVD loading switch board.

3.2.12 Removing the motor (See Figs.17 and 18)

- Remove the DVD cover and tray assembly.
 - (1) From the bottom side of the DVD mechanism assembly, remove the wires from the soldered sections **r** on the DVD loading switch board. (See Fig.17.)
 - (2) From the top side of the DVD mechanism assembly, remove the belt from the motor pulley. (See Fig.18.)

Note:

Take care not to attach grease on the belt.

- (3) Remove the two screws **N** attaching the motor to the DVD mechanism assembly and take out the motor from the bottom side of the DVD mechanism assembly. (See Fig.18.)

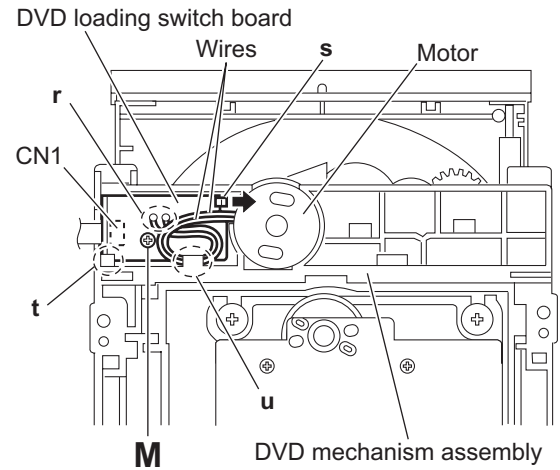


Fig.17

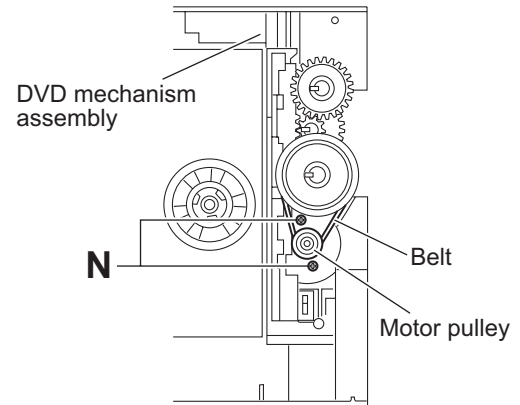


Fig.18

3.3 Cassette mechanism assembly

3.3.1 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.

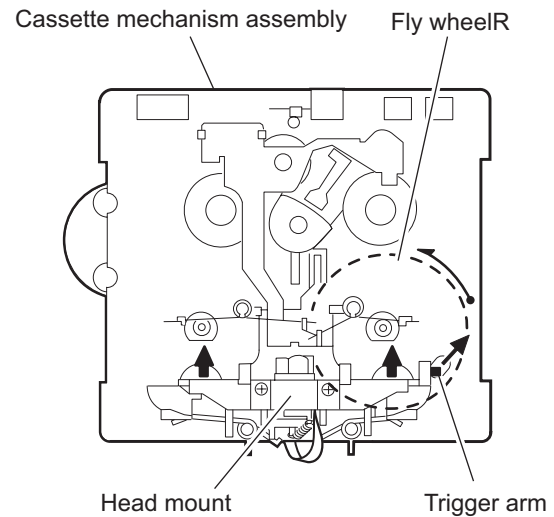


Fig.1

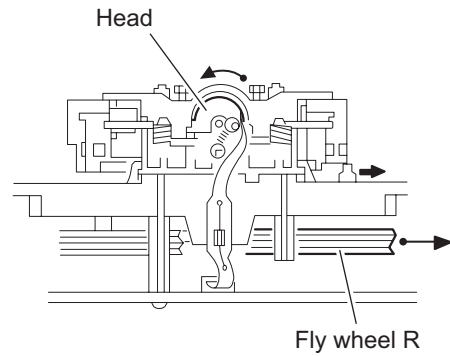


Fig.2

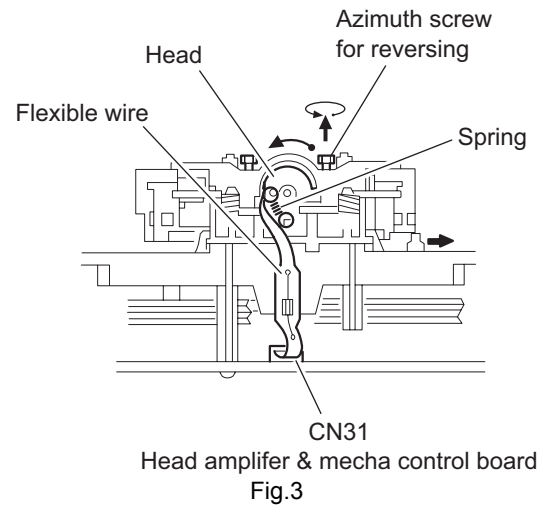


Fig.3

3.3.2 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.

3.3.3 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.

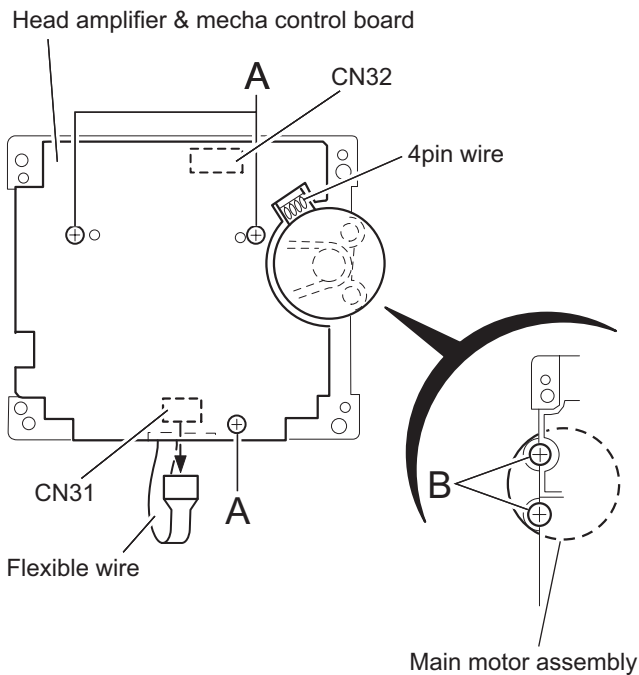


Fig.4

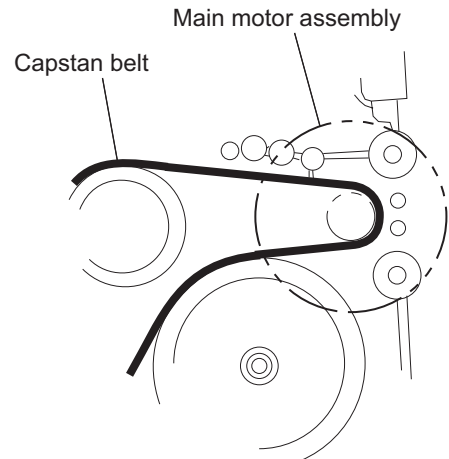


Fig.5

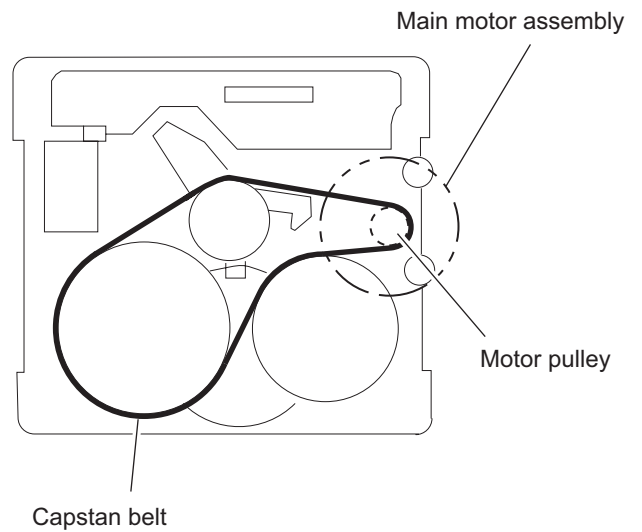


Fig.6

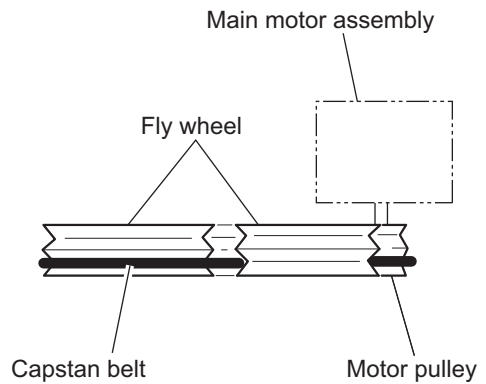


Fig.7

3.3.4 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.

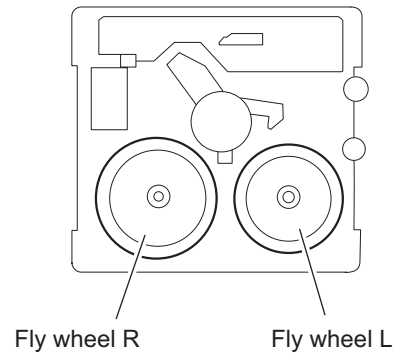


Fig.8

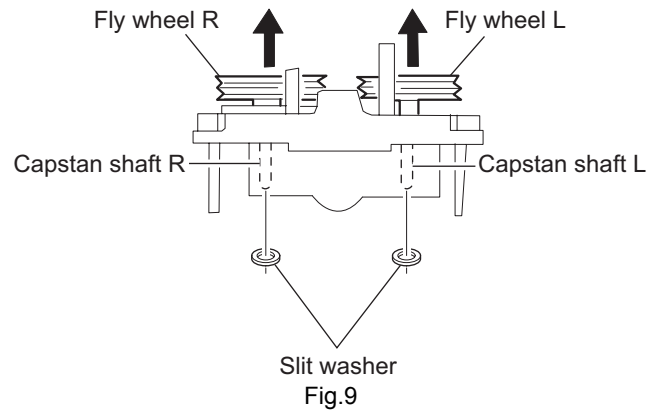


Fig.9

3.3.5 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.

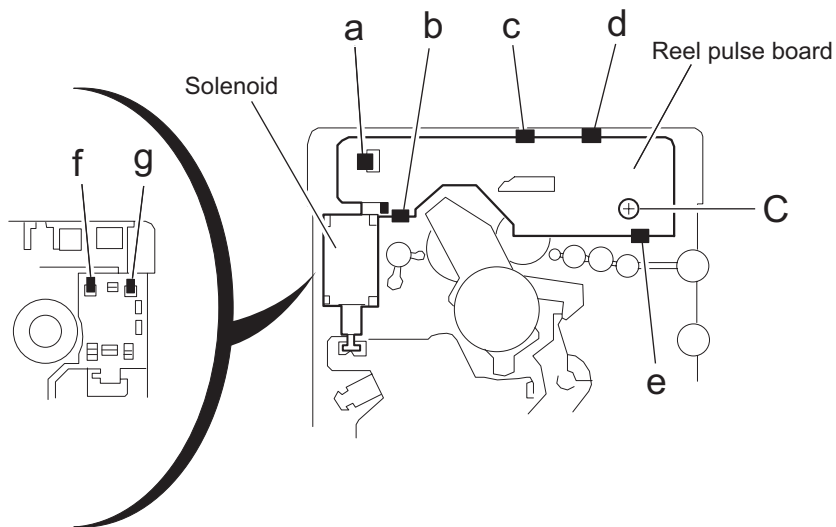


Fig.10

3.3.6 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.

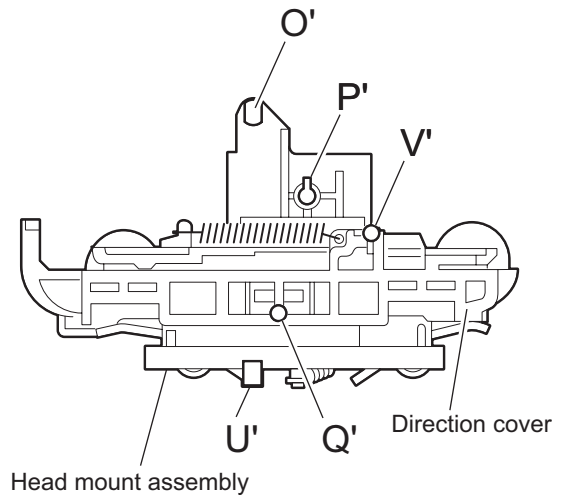


Fig.11

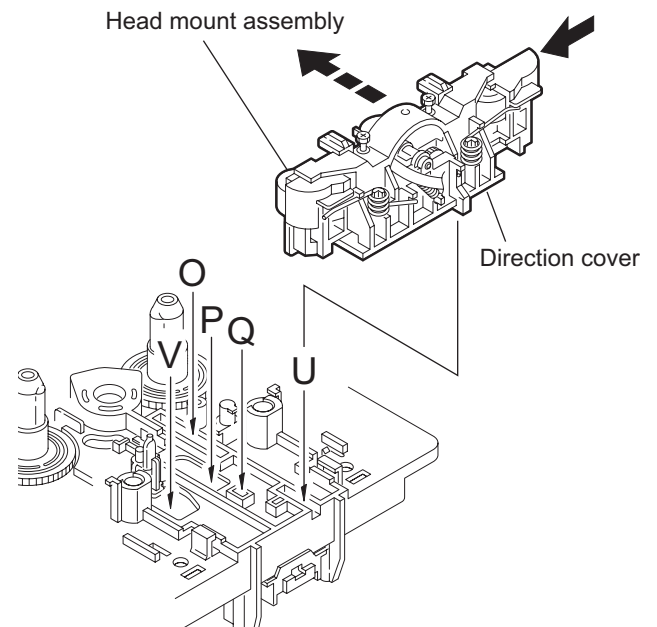


Fig.12

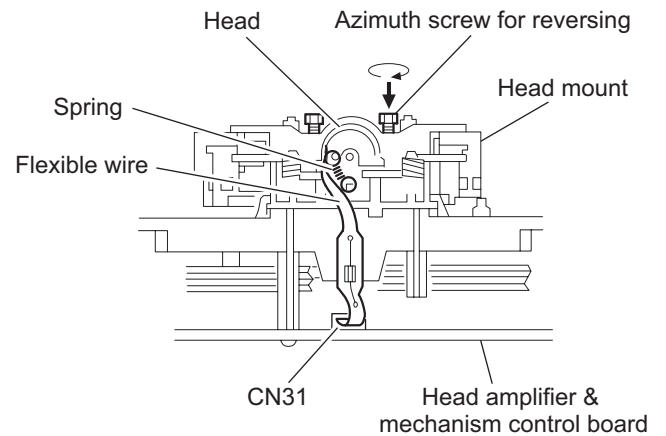


Fig.13

SECTION 4 ADJUSTMENT

4.1 Adjustment method for DVD section

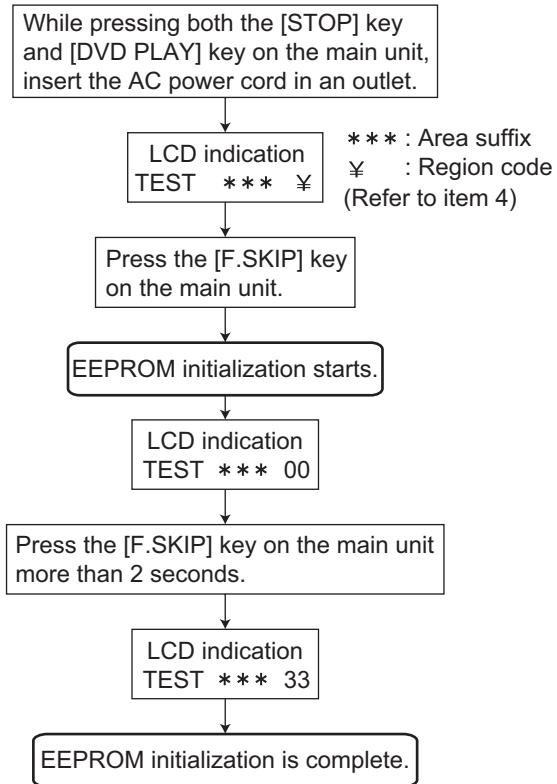
4.1.1 Jigs and test instruments

- (1) Upgrade disc
- (2) Remote controller

4.1.3 Adjustment and check method

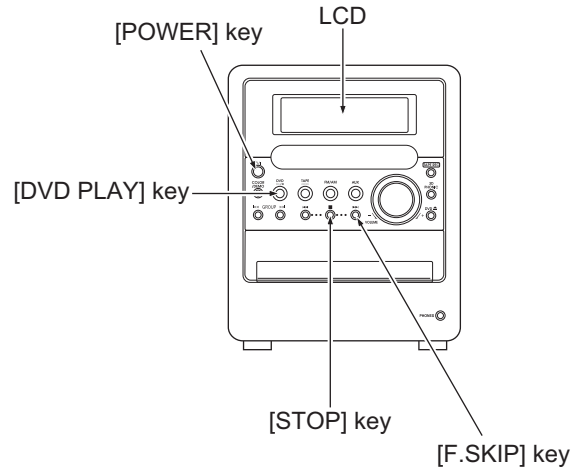
1. EEPROM initialization

* Confirm that a disc is not in a tray.



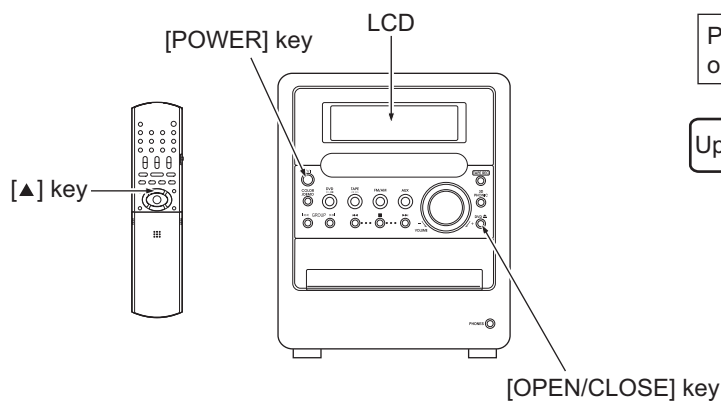
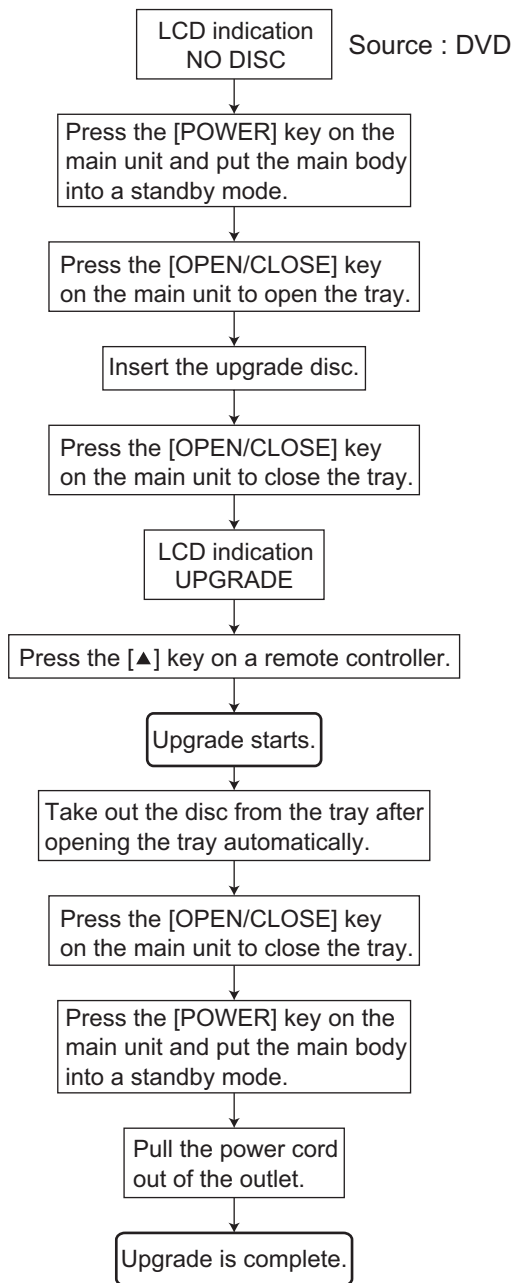
4.1.2 Adjustment and check items

- (1) EEPROM initialization
- (2) Upgrade of back-end firm
- (3) Upgrade of system microcomputer (ROM correction)
- (4) Confirm of region code and system control version
- (5) DVD IOP check



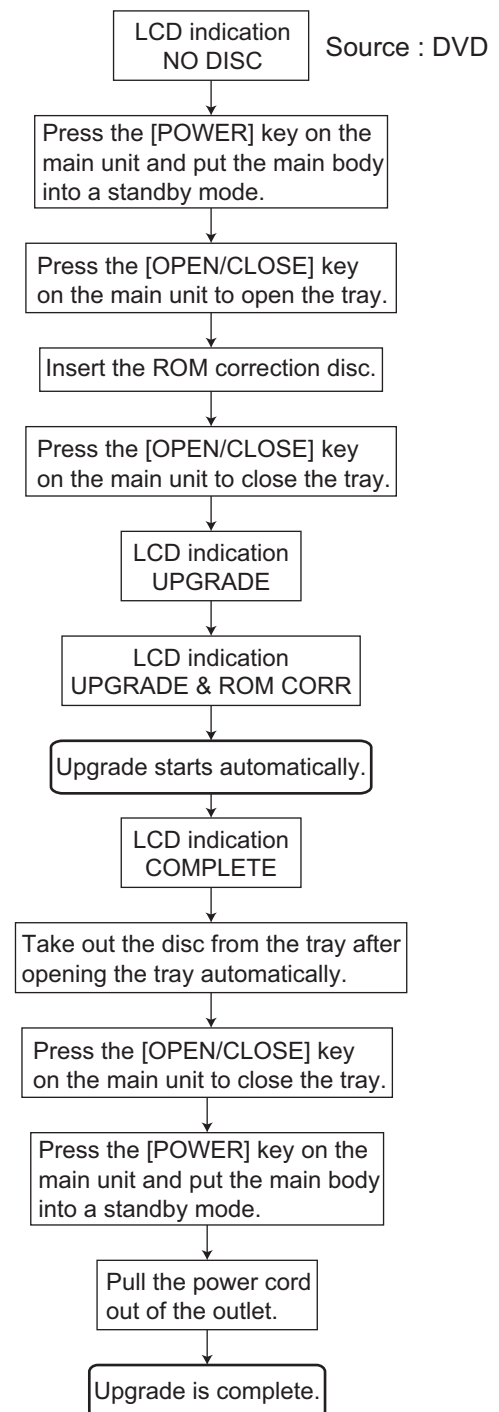
2. Upgrade of back-end firm

- * This set can do upgrade of a back-end firm with an upgrade disc.



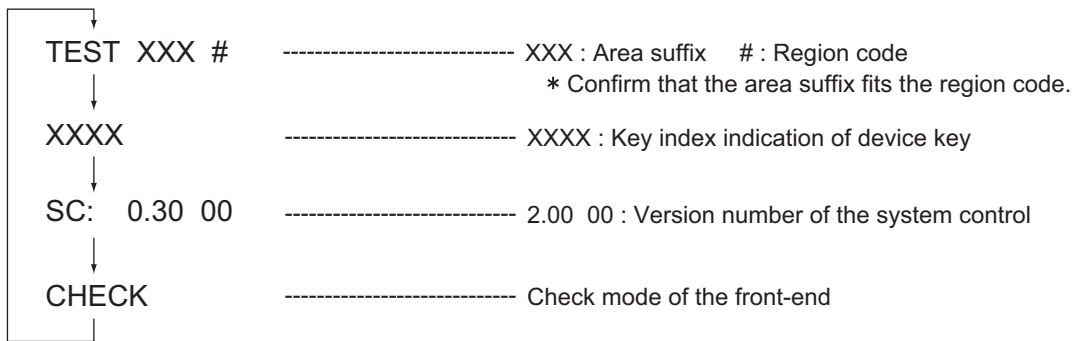
3. Upgrade of system microcomputer (ROM correction)

- * This set can do upgrade of a microcomputer with a ROM correction disc.

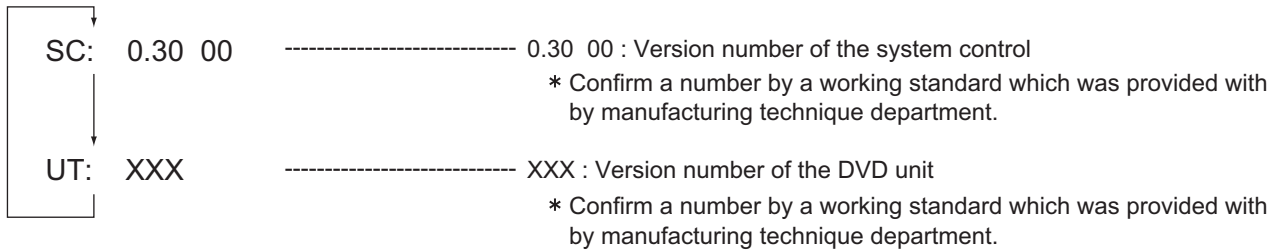


4. Confirmation of region code and system control version

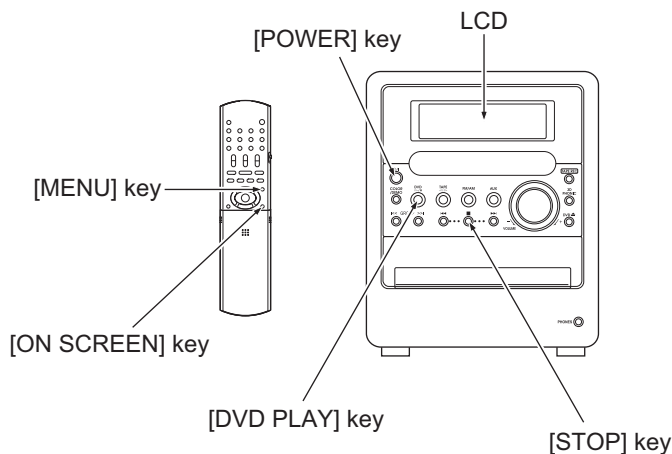
- (1) Insert the AC power cord in an outlet while pressing both the [STOP] key and [DVD PLAY] key on the main unit and put the main unit in a test mode.
- (2) Indication of LCD changes sequentially as follows by pushing a [MENU] key of a remote controller.



- (3) Version indication of a DVD unit is displayed by pressing the [ON SCREEN] key on the remote controller in the system controller version indication



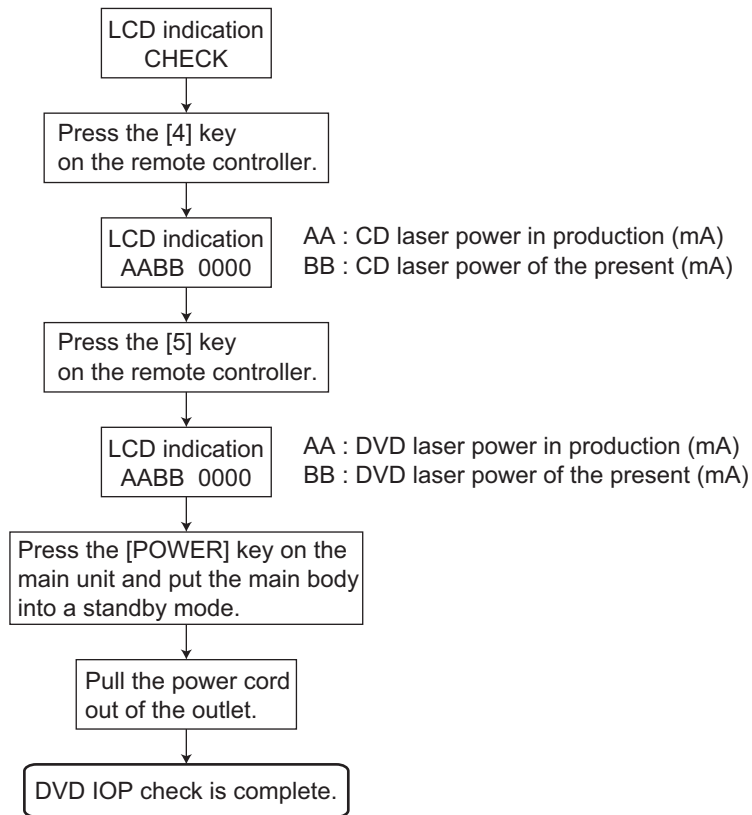
- (3) Press the [POWER] key of the main unit in order to let the test mode finish.



5. DVD IOP check

* Confirm that a disc is not in a tray.

- (1) Insert the AC power cord in an outlet while pressing both the [STOP] key and [DVD PLAY] key on the main unit and put the main unit in a test mode.
- (2) Turn indication of LCD into CHECK by pushing a [MENU] key of a remote controller.



SECTION 5 TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.



JVC

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

(No.MB338)

PARTS LIST

[UX-QD9S]

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

Area suffix

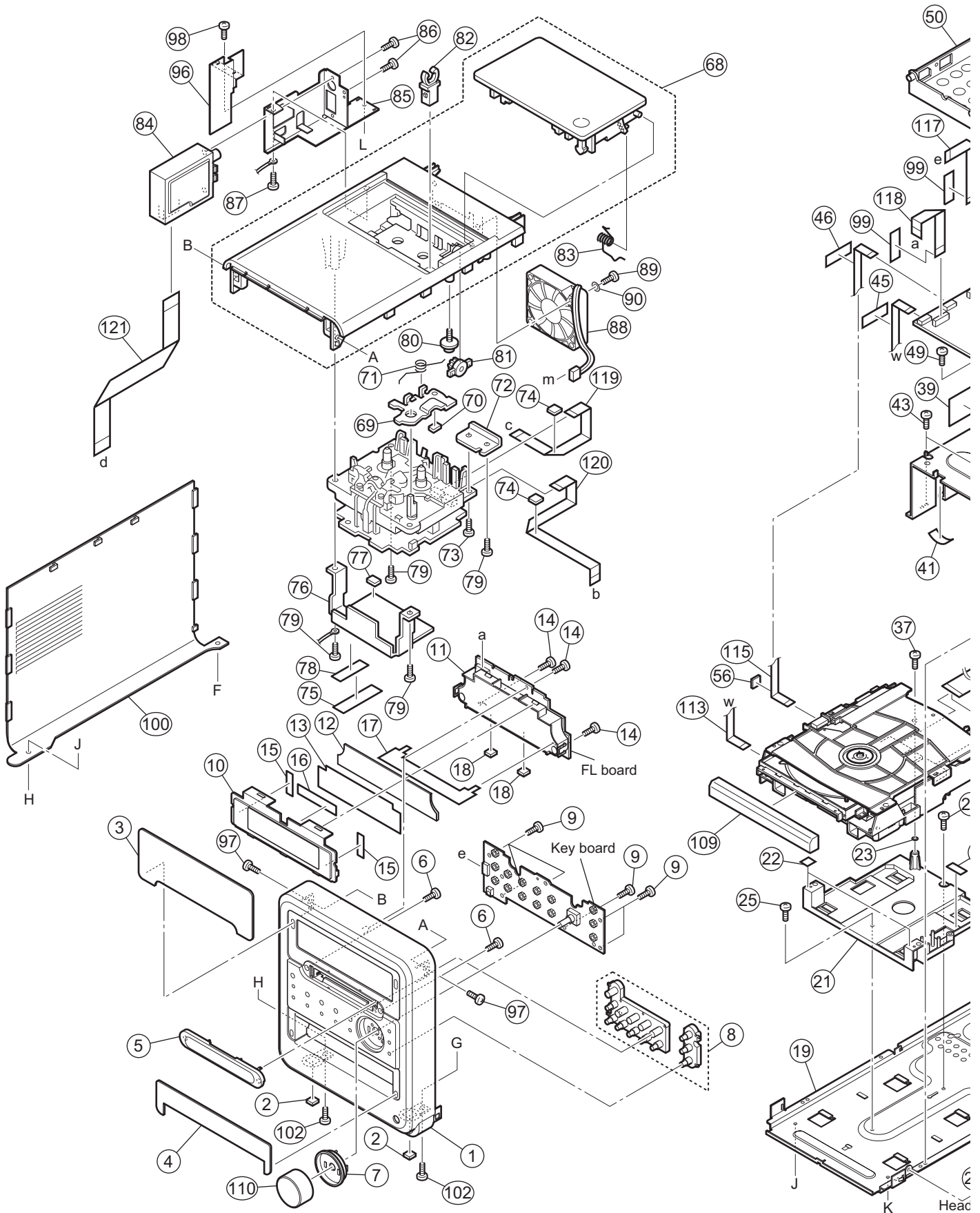
A ----- Australia
US ----- Singapore
UN ----- Asean

- Contents -

Exploded view of general assembly and parts list (Block No.M1)	3- 2
Speaker assembly and parts list (Block No.M2)	3- 6
DVD mechanism assembly and parts list (Block No.MJ)	3- 7
DVD loading base assembly and parts list (Block No.MN)	3- 9
Cassette mechanism assembly and parts list (Block No.MP)	3-11
Electrical parts list (Block No.01~07)	3-13
Packing materials and accessories parts list (Block No.M3)	3-22

Exploded view of general assembly and parts list

Block No. M 1 M M



General Assembly

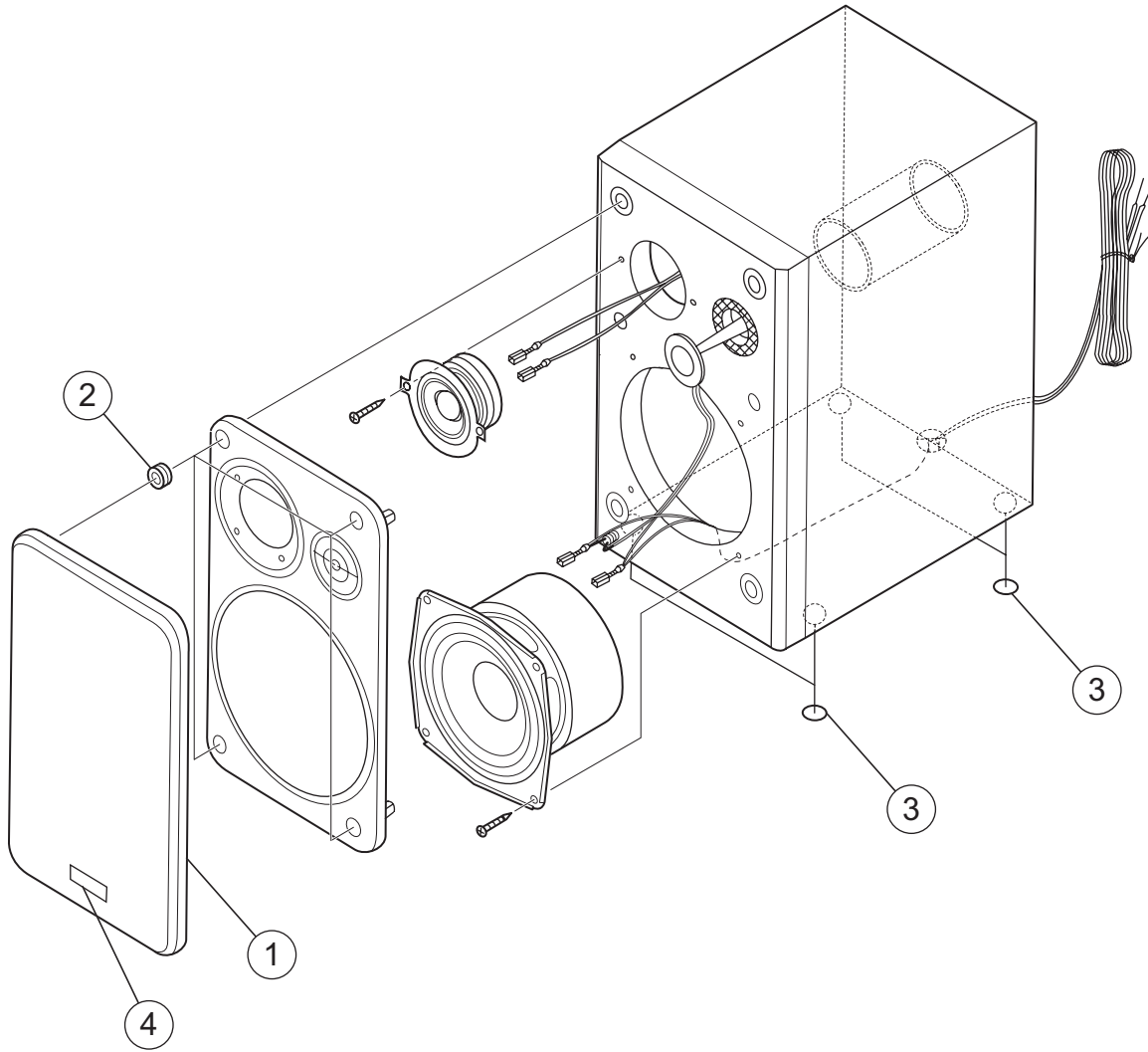
Block No. [M][1][M][M]

△	Symbol No.	Part No.	Part Name	Description	Local
	1	LV10934-019A	FRONT PANEL		
	2	LV40301-002A	FELT SPACER	(x2)	
	3	LV21750-013A	FRONT LENS		
	4	LV21751-010A	CD LENS		
	5	LV35099-001A	ORNAMENT		
	6	QYSDSF2608ZA	TAP SCREW	M2.6 x 8mm(x2)	
	7	GV30527-001A	VOLUME ORNAMENT		
	8	LV21752-002A	MAIN BUTTON		
	9	QYSDSF2608ZA	TAP SCREW	M2.6 x 8mm(x6)	
	10	LV35059-001A	LENS COVER		
	11	LV35060-001A	LCD HOLDER		
	12	LV35061-001A	LIGHT GUIDE		
	13	LV43905-001A	LCD SHEET		
	14	QYSDSF2608ZA	TAP SCREW	M2.6 x 8mm(x3)	
	15	LV30225-0W8A	SPACER	(x2)	
	16	LV30225-0Y7A	SPACER		
	17	LV44015-001A	SHIELD(B)		
	18	VYSH101-034	SPACER	(x2)	
	19	LV10936-001A	BOTTOM CHASSIS		
	20	LV40301-002A	FELT SPACER	(x2)	
	21	LV21582-003A	MECHA HOLDER		
	22	LV30225-0X8A	SPACER	(x2)	
	23	LV30226-044A	SPACER		
	24	LV30225-011A	SPACER		
	25	QYSSST3006ZA	TAP SCREW	M3 x 6mm	
	26	QYSDST3006ZA	TAP SCREW	M3 x 6mm	
△	27	QQT0451-003	POWER TRANSF	T 9001	A,UN
△	27	QQT0451-004	POWER TRANSF	T 9001	US
△	28	QMF51W2-1R0-J8	FUSE	F 9001 1A AC250V	
△	29	QMF51W2-3R15-J8	FUSE	F 9003 3.15A AC250V	
	30	LV34403-001A	TRANS SHIELD		
	31	LV30225-0P5A	SPACER	(x2)	
	32	QYSBST4006ZA	TAP SCREW	M4 x 6mm(x3)	
△	33	QZW0033-001	STRAIN RELIEF		
△	34	QMPG080-244-JD	POWER CORD(EU)	2.44m BLACK	A
△	34	QMPK210-205-JN	POWER CORD(EU)	2.05m BLACK	UN,US
	35	LV35064-001A	HEAT SINK BKT		
	36	QYSDST3006EA	TAP SCREW	M3 x 6mm(x2)	
	37	QYSBSF3012ZA	TAP SCREW	M3 x 12mm	
	38	LV30225-011A	SPACER	(x2)	
	39	LV42035-002A	LASER CAUTION		
	40	LV21754-001A	DVD MECHA BKT		
	41	LV30225-0Q7A	SPACER		
	42	LV30225-0U5A	SPACER		
	43	QYSDST3006EA	TAP SCREW	M3 x 6mm(x3)	
	44	QYSBSG3008ZA	TAP SCREW	M3 x 8mm(x2)	
	45	LV30225-011A	SPACER		
	46	LV30225-011A	SPACER		
	47	LV30225-011A	SPACER		
	48	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	49	QYSBSG3008ZA	TAP SCREW	M3 x 8mm	
	50	LV21755-003A	MD HOLDER		
	51	QYSBSG3008ZA	TAP SCREW	M3 x 8mm(x2)	
	52	LV35065-001A	PWB HOLDER		
	53	QYSBSG3008ZA	TAP SCREW	M3 x 8mm	
	54	LV34406-001A	IC BRACKET(PWR)		
	55	QYSBSG3008EA	TAP SCREW	M3 x 8mm(x2)	
	56	VYSH101-009	SPACER		
	57	LV30225-011A	SPACER		
	58	LV30225-0M5A	SPACER		
	59	LV30225-0Y1A	SPACER		
	60	LV34405-001A	IC BRACKET(RG)		
	61	QYSBSG3010ZA	TAP SCREW	M3 x 10mm(x3)	
	62	LV35066-001A	HEAT SINK		
	63	QYSBSG3014E	TAP SCREW	M3 x 14mm(x2)	
	64	QYSBSG3014E	TAP SCREW	M3 x 14mm(x3)	
	65	QYSBSG3014E	TAP SCREW	M3 x 14mm(x3)	
	66	LV30225-0V8A	SPACER	(x2)	
	67	QYSDST3006ZA	TAP SCREW	M3 x 6mm	
	68	LV21844-001A	TOP COVER ASSY		
	69	VKL7850-003	EJECT SAFETY		
	70	LV30225-0G9A	SPACER		
	71	VKW5258-003	TORSION SPRING		
	72	LV43116-001A	MECHA BRACKET		

△ Symbol No.	Part No.	Part Name	Description	Local
73	QYSBSG3008ZA	TAP SCREW	M3 x 8mm	
74	VYSH101-009	SPACER	(x2)	
75	LV30225-079A	SPACER		
76	LV34035-001A	SHIELD		
77	LV30225-0J1A	SPACER		
78	LV30225-0M5A	SPACER		
79	QYSBSF3010ZA	TAP SCREW	M3 x 10mm(x4)	
80	E65923-009	TAPPING SCREW		
81	GV40034-001A	DAMPER ASSY.		
82	GV40220-001A	LACH		
83	LV43579-001A	DOOR SPRING		
84	QAU0346-001	TUNER	TU 1	
85	LV35102-001A	TUNER BKT		
86	QYSBSG3008ZA	TAP SCREW	M3 x 8mm(x2)	
87	QYSBSF3010ZA	TAP SCREW	M3 x 10mm	
88	QAR0312-001	FAN MOTOR		
89	QYSBSF3025ZA	TAP SCREW	M3 x 25mm	
90	LV30226-039A	SPACER		
91	LV44068-001A	BARRIER(A)		
92	VYSH101-009	SPACER		
93	QYSBSG3008ZA	TAP SCREW	M3 x 8mm	
94	LV44069-001A	BARRIER(B)		
95	VYSH101-009	SPACER		
96	LV44070-001A	BARRIER(C)		
97	QYSBSG3010ZA	TAP SCREW	M3 x 10mm(x2)	
98	QYSBSG3008ZA	TAP SCREW	M3 x 8mm	
99	LV30225-011A	SPACER	(x2)	
100	LV10938-001A	SIDE PANEL(L)		
101	LV10939-001A	SIDE PANEL(R)		
102	QYSST3008ZA	TAP SCREW	M3 x 8mm(x2)	
103	LV10937-007A	REAR COVER		
104	LV35067-001A	EARTH PLATE		
105	QYSDSG3010NA	TAP SCREW	M3 x 10mm(x11)	
106	QYSST3008ZA	TAP SCREW	M3 x 8mm(x3)	
107	GV40526-001A	CAUTION LABEL		
108	LV44071-004A	REGION LABEL		A
108	LV44071-003A	REGION LABEL		UN,US
109	LV35063-004A	TRAY FITTING		
110	GV30443-001A	VOLUME KNOB		
111	LV35431-002A	RATING LABEL		A
111	LV35431-001A	RATING LABEL		UN
111	LV35431-003A	RATING LABEL		US
112	LV43614-001A	LABEL		
113	QUQ410-0508DJ	FFC WIRE	5pin 8cm	
114	QUQ110-1910AJ	FFC WIRE	19pin 10cm	
115	QUQ410-0710DJ	FFC WIRE	7pin 10cm	
116	QUQ110-1710BJ	FFC WIRE	17pin 10cm	
117	QUQH10-0914AC	FFC WIRE	9pin 14cm	
118	QUQ410-1518CJ	FFC WIRE	15pin 18cm	
119	QUQ412-0920CJ	FFC WIRE	9pin 20cm	
120	QUQ412-1020DJ	FFC WIRE	10pin 20cm	
121	QUQ412-1124CJ	FFC WIRE	11pin 24cm	

Speaker assembly and parts list

Block No. M 2 M M



The parts without symbol number are not service.

Speaker

Block No. M2MM

△ Symbol No.	Part No.	Part Name	Description	Local
1	LV21811-001A	NET ASSY	(x2)	
2	5600008011	HOLDER	(x8)	
3	9000007941	FOOT	(x8)	
4	LV43473-002A	JVC MARK	(x2)	

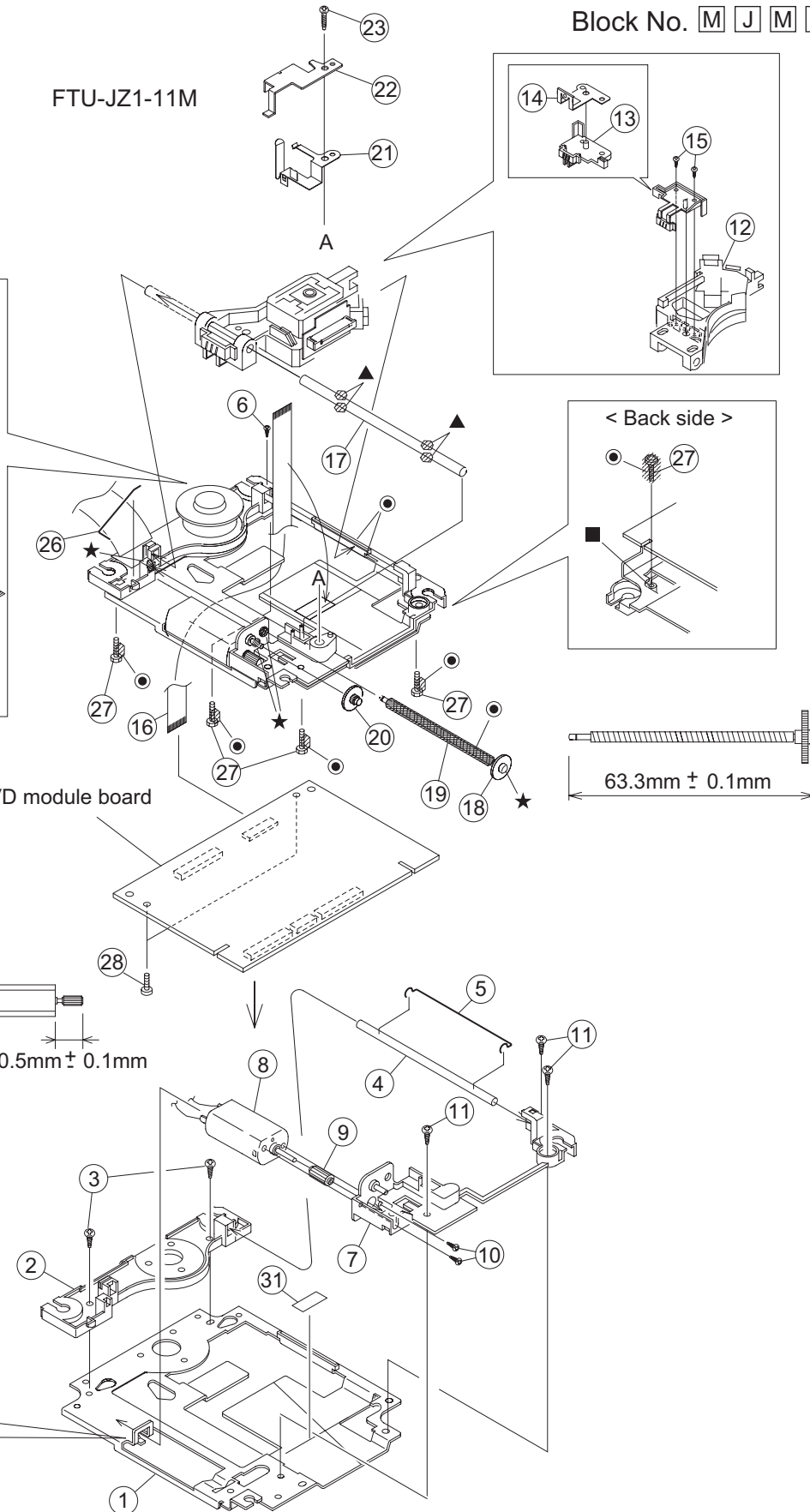
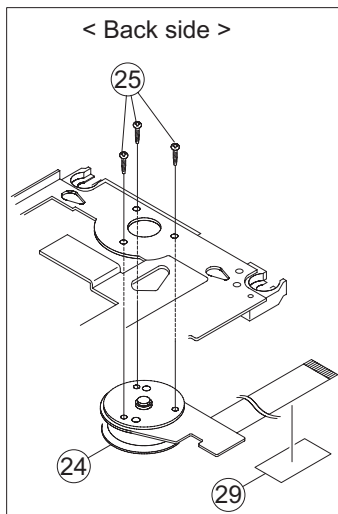
DVD mechanism assembly and parts list

Block No. M J M M

Grease

- ★ =JVG-31N
- =CFD-4007ZY2
- ▲ =PG-641
- =1401C

FTU-JZ1-11M



The parts without symbol number are not service.

DVD mechanism

Block No. [M][J][M][M]

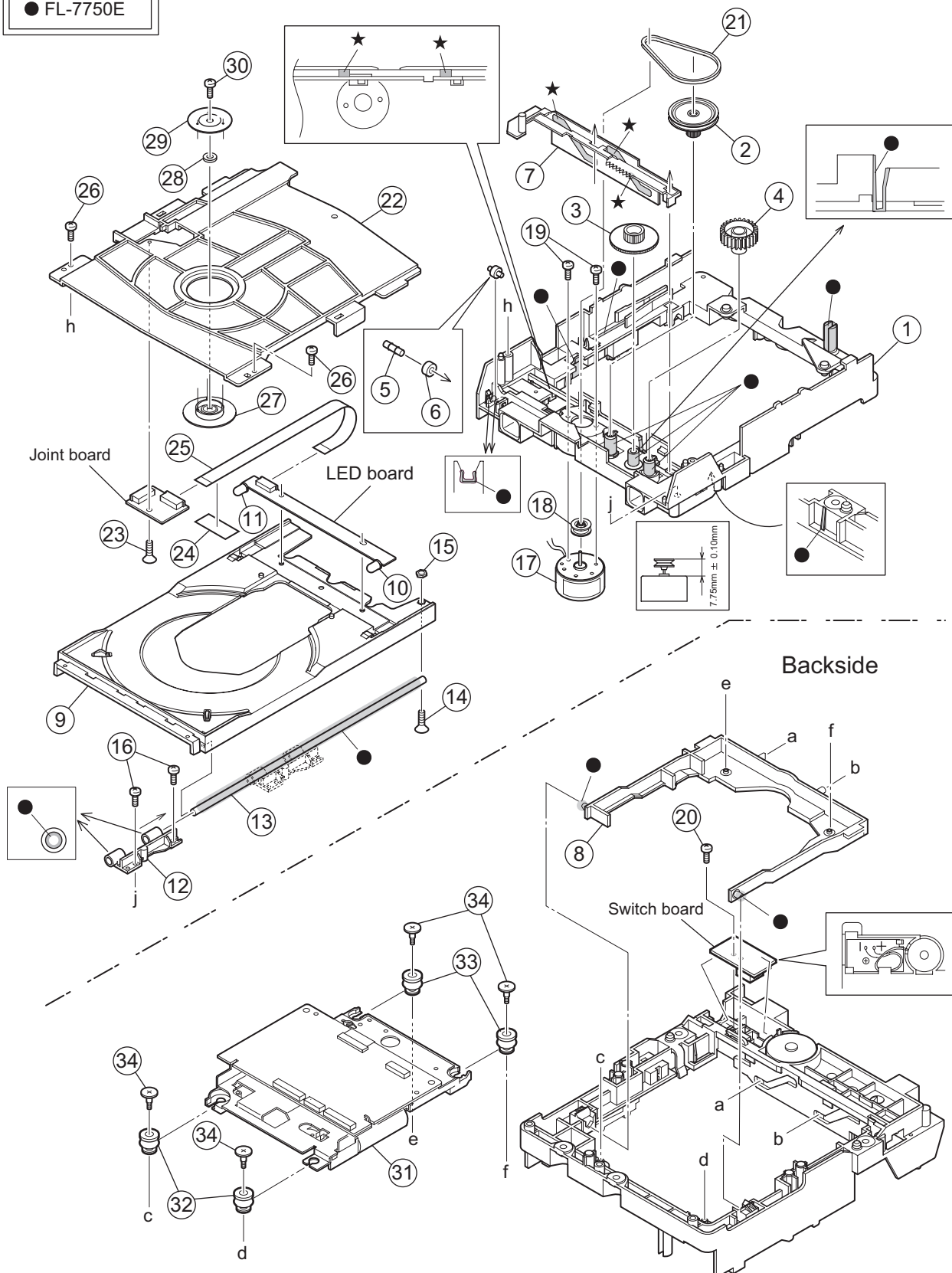
△	Symbol No.	Part No.	Part Name	Description	Local
	1	LV21814-001A	MECHA BASE		
	2	LE20731-001A	SPINDLE BASE		
	3	QYSDST2605M	TAP SCREW	M2.6 x 5mm(x2)	
	4	LE40931-001A	SHAFT		
	5	LE40995-001A	BAR SPRING		
	6	QYSPSTU2080M	TAP SCREW	M2 x 8mm	
	7	LE20730-002A	FEED HOLDER		
	8	QAR0165-001	FEED MOTOR		
	9	LV41510-201A	FEED GEAR T		
	10	QYSPSPU2040M	SCREW	M2 x 4mm(x2)	
	11	QYSDST2605M	TAP SCREW	M2.6 x 5mm(x3)	
	12	QAL0577-001	P.UP		
	13	LE20732-001A	SW ACTUATOR		
	14	LE31093-001A	LEAD SPRING		
	15	QYSPSFU1740Z	TAP SCREW	M1.7 x 4mm(x2)	
	16	QUQ105-2412AC	FFC WIRE	24pin 12cm	
	17	LE40931-001A	SHAFT		
	18	LE40855-002A	FEED GEAR E		
	19	LV41517-003A	LEAD SCREW		
	20	LE40930-001A	FEED GEAR M		
	21	LE40928-002A	THURUST SPRING		
	22	LE40927-002A	PLATE		
	23	QYSDST2614Z	TAP SCREW	M2.6 x 14mm	
	24	QAR0334-001	S.MOTOR		
	25	QYSPSPU1760Z	SCREW	M1.7 x 6mm(x3)	
	26	LE40994-001A	T.SPRING		
	27	LE40858-002A	SPECIAL SCREW	(x4)	
	28	QYSDST2004Z	TAP SCREW	M2 x 4mm(x2)	
	29	LV30225-0X6A	SPACER		
	30	LV30225-0X5A	SPACER		
	31	LV44007-001A	TAPE		

DVD loading base assembly and parts list

FMU-JZ1-11M

Block No. M N M M

Grease
 ★ JVG-31N
 ● FL-7750E



The parts without symbol number are not service.

DVD loading base

Block No. [M][N][M][M]

△	Symbol No.	Part No.	Part Name	Description	Local
	1	LV10932-003A	LOADING BASE		
	2	LV35052-001A	PULLEY GEAR		
	3	LV35053-001A	MIDDLE GEAR		
	4	LV35054-001A	IDLE GEAR		
	5	E407140-001SS	C.D ROLLER		
	6	E407149-001SS	RUBBER TUBE		
	7	LV35055-003A	SLIDE CAM ASSY		
	8	LV21749-002A	ELEVATOR		
	9	LV10933-003A	TRAY		
	10	NSTM515AS	LED		
	11	NSTM515AS	LED		
	12	LV35050-001A	SHAFT GUIDE		
	13	LV43847-001A	SHAFT		
	14	QYSSSP2010ZA	SCREW	M2 x 10mm	
	15	QYNNNS2000ZA	NUT	M2	
	16	QYSDSF2008Z	TAP SCREW	M2 x 8mm(x2)	
	17	QAR0197-001	MOTOR		
	18	LV43844-001A	MOTOR PULLEY		
	19	QYSPSPU1730Z	SCREW	M1.7 x 3mm(x2)	
	20	QYSDSF2008Z	TAP SCREW	M2 x 8mm	
	21	LV43974-001A	BELT		
	22	LV21747-001A	CLAMPER BASE		
	23	LV43958-001A	SPECIAL SCREW		
	24	LV30225-011A	SPACER		
	25	QUQ710-0712AE	FFC WIRE	7pin 12cm	
	26	QYSDSF2008Z	TAP SCREW	M2 x 8mm(x2)	
	27	LV35056-001A	DVD CLAMPER		
	28	LV42930-003A	P.C.MAGNET		
	29	LV43848-001A	YOKE		
	30	LE40906-001A	SPECIAL SCREW		
	31	-----	DVD TRAMECHA UN		
	32	LE40900-003A	INSULATOR	(x2)	
	33	LE40900-005A	INSULATOR	(x2)	
	34	LE40901-001A	SPECIAL SCREW	(x4)	

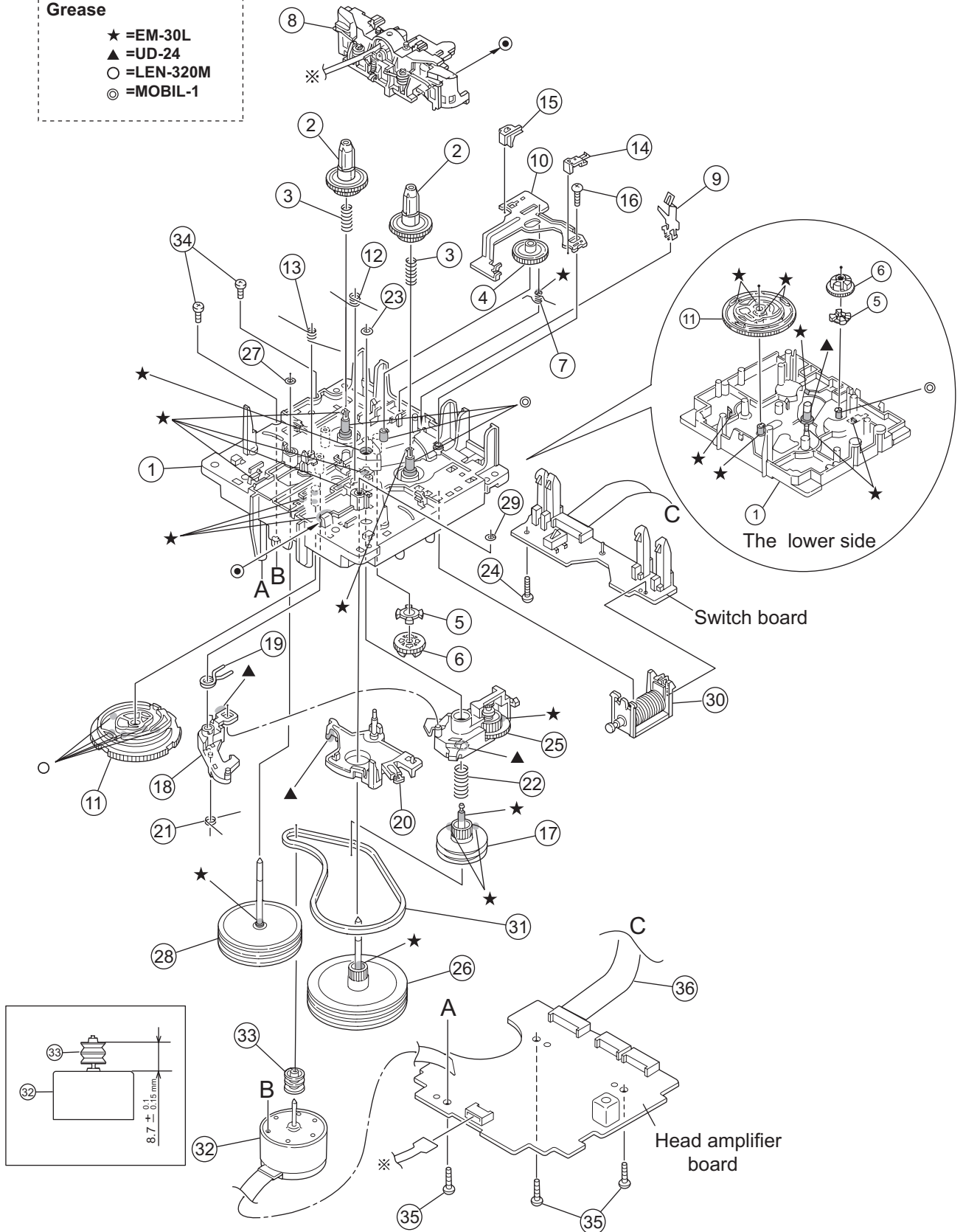
Cassette mechanism assembly and parts list

Block No. M P M M

SLC-S302M

Grease

- ★ =EM-30L
- ▲ =UD-24
- =LEN-320M
- ◎ =MOBIL-1



The parts without symbol number are not service.

Cassette mechanism

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

△	Symbol No.	Part No.	Part Name	Description	Local
	1	VKS1165-00N	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	LV31786-002A	PLAY LEVER		
	11	VKS1166-003	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]

△ Symbol No.	Part No.	Part Name	Description	Local
△ IC101	LA4628	IC		
IC311	LC75345M-X	IC		
IC501	GP1UM261XKVF	IR DETECT UNIT		
IC601	MM1623XF-X	IC		
IC801	SN74LVC08ANS-X	IC		
Q1101	UN211E-X	DIGI TRANSISTOR		
Q1102	UN211E-X	DIGI TRANSISTOR		
Q1103	2SC3576-JVC-T	TRANSISTOR		
Q1201	UN211E-X	DIGI TRANSISTOR		
Q1202	UN211E-X	DIGI TRANSISTOR		
Q1203	2SC3576-JVC-T	TRANSISTOR		
Q1301	UN221E-X	TRANSISTOR		
Q1302	2SB709A/R/-X	TRANSISTOR		
△ Q1401	2SB941A/QP/	TRANSISTOR		
Q1402	2SD601A/RS/-X	TRANSISTOR		
Q1403	2SD601A/RS/-X	TRANSISTOR		
Q1404	2SD601A/RS/-X	TRANSISTOR		
Q3101	2SD601A/RS/-X	TRANSISTOR		
Q3201	2SD601A/RS/-X	TRANSISTOR		
Q6901	KTA1267/YG/-T	TRANSISTOR		
Q6902	2SD601A/RS/-X	TRANSISTOR		
△ Q6951	KTC3199/GL/-T	TRANSISTOR		
D1101	1SS133-T2	SI DIODE		
D1102	11EQS03LN-T2	FR DIODE		
D1201	1SS133-T2	SI DIODE		
D1202	11EQS03LN-T2	FR DIODE		
D1301	1SS133-T2	SI DIODE		
D1401	1SS133-T2	SI DIODE		
D1402	MTZJ10A-T2	Z DIODE		
D2301	1SS133-T2	SI DIODE		
D2803	1SS133-T2	SI DIODE		
D3301	1SS133-T2	SI DIODE		
D3302	1SS133-T2	SI DIODE		
D3303	MTZJ4.7C-T2	Z DIODE		
D3321	1N4003S-T5	SI DIODE		
D3351	1N4003S-T5	SI DIODE		
D3352	1N4003S-T5	SI DIODE		
D5341	NSTM515AS	LED		
D5351	NSTM515AS	LED		
D6901	1SS133-T2	SI DIODE		
D6902	MTZJ5.6A-T2	Z DIODE		
C1103	QENC1EM-106Z	BP E CAPACITOR	10uF 25V M	
C1104	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1105	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C1106	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C1107	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C1108	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1109	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C1110	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C1111	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1203	QENC1EM-106Z	BP E CAPACITOR	10uF 25V M	
C1204	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1205	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C1206	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C1207	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C1208	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1209	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C1210	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C1211	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1301	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
△ C1303	QEZ0578-828	E CAPACITOR	8200uF	
C1305	QFVC1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1306	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
C1307	QETN1HM-336Z	E CAPACITOR	33uF 50V M	
C1309	QTE1E28-107Z	E CAPACITOR	100uF 25V	
C1310	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C1401	QENC1HM-105Z	BP E CAPACITOR	1uF 50V M	
C1402	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C1403	QETN1CM-227Z	E CAPACITOR	220uF 16V M	

△ Symbol No.	Part No.	Part Name	Description	Local
C1404	QETN1HM-104Z	E CAPACITOR	0.1uF 50V M	
C3101	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C3102	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C3104	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C3105	QTE1H15-106Z	E CAPACITOR	10uF 50V	
C3106	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C3107	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J	
C3108	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C3109	QFG32AJ-272Z	PP CAPACITOR	2700pF 100V J	
C3110	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C3111	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C3112	QFVF1HJ-184Z	MF CAPACITOR	0.18uF 50V J	
C3113	QFVF1HJ-184Z	MF CAPACITOR	0.18uF 50V J	
C3114	QFVF1HJ-823Z	MF CAPACITOR	0.082uF 50V J	
C3115	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C3116	QETN1HM-334Z	E CAPACITOR	0.33uF 50V M	
C3117	QFVF1HJ-823Z	MF CAPACITOR	0.082uF 50V J	
C3118	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C3201	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C3202	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C3204	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C3205	QTE1H15-106Z	E CAPACITOR	10uF 50V	
C3206	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C3207	QFLC1HJ-332Z	M CAPACITOR	3300pF 50V J	
C3208	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C3209	QFG32AJ-272Z	PP CAPACITOR	2700pF 100V J	
C3210	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C3211	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C3212	QFVF1HJ-184Z	MF CAPACITOR	0.18uF 50V J	
C3213	QFVF1HJ-184Z	MF CAPACITOR	0.18uF 50V J	
C3214	QFVF1HJ-823Z	MF CAPACITOR	0.082uF 50V J	
C3215	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C3216	QETN1HM-334Z	E CAPACITOR	0.33uF 50V M	
C3217	QFVF1HJ-823Z	MF CAPACITOR	0.082uF 50V J	
C3218	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C3301	QTE1A28-107Z	E CAPACITOR	100uF 10V	
C3302	QTE1A28-337Z	E CAPACITOR	330uF 10V	
C3304	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C3305	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C3306	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C5031	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	
C5032	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C5301	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C5302	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C5303	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C5304	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C5305	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C5306	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C5307	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C5601	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C6001	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C6002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6003	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C6004	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C6005	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C6006	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C6007	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C6008	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C6093	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C6901	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6902	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C6951	QTE1C06-107Z	E CAPACITOR	100uF 16V	
C6952	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C8001	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C8002	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
R1101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1102	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1103	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R1105	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J	
R1106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1107	QRE141J-2R2Y	C RESISTOR	2.2Ω 1/4W J	
R1108	QRE141J-2R2Y	C RESISTOR	2.2Ω 1/4W J	
R1109	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1110	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R1111	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R1201	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R5024	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R1202	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R5025	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R1203	QRE141J-471Y	C RESISTOR	470Ω 1/4W J		R5301	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R1205	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J		R5601	QRE141J-301Y	C RESISTOR	300Ω 1/4W J	
R1206	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R5602	QRE141J-301Y	C RESISTOR	300Ω 1/4W J	
R1207	QRE141J-2R2Y	C RESISTOR	2.2Ω 1/4W J		R5603	QRE141J-301Y	C RESISTOR	300Ω 1/4W J	
R1208	QRE141J-2R2Y	C RESISTOR	2.2Ω 1/4W J		R5604	QRE141J-301Y	C RESISTOR	300Ω 1/4W J	
R1209	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R6001	NRSA63J-161X	MG RESISTOR	160Ω 1/16W J	
R1210	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		R6003	NRSA63J-161X	MG RESISTOR	160Ω 1/16W J	
R1211	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		R6005	NRSA63J-161X	MG RESISTOR	160Ω 1/16W J	
R1301	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6007	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R1302	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R6008	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1401	NRSA63J-564X	MG RESISTOR	560kΩ 1/16W J		R6009	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R1402	QRE141J-221Y	C RESISTOR	220Ω 1/4W J		R6010	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1403	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R6012	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1404	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R6013	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1405	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R6094	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1406	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R6901	QRE141J-561Y	C RESISTOR	560Ω 1/4W J	
R1407	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R6902	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1408	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R6951	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R1409	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R8001	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1410	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R8002	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2302	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		R8005	NRSA63J-622X	MG RESISTOR	6.2kΩ 1/16W J	
R2303	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R8006	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2803	NRSA63J-622X	MG RESISTOR	6.2kΩ 1/16W J		R8007	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R2804	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R8021	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2806	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R8022	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3101	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R8025	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3102	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J						
R3103	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		L5603	QQL231K-470Y	COIL	47uH K	
R3104	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J						
R3105	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J		CN101	QGB2510J1-09	CONNECTOR	B-B (1-9)	
R3106	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		CN102	QGB1214J1-10S	CONNECTOR	B-B (1-10)	
R3107	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		CN103	QGB1214J1-14S	CONNECTOR	B-B (1-14)	
R3108	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		CN104	QGB2510J1-09	CONNECTOR	B-B (1-9)	
R3109	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		CN105	QGF1205F1-10	CONNECTOR	FFC/FPC (1-10)	
R3110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN106	QGB1214J1-16S	CONNECTOR	B-B (1-16)	
R3111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN108	QGA2501F1-02	CONNECTOR	W-B (1-2)	
R3112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN109	QGA2501C1-06	CONNECTOR	W-B (1-6)	
R3151	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		CN110	QGB1214J1-20S	CONNECTOR	B-B (1-20)	
R3154	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		CN111	QGA2501C3-03Z	CONNECTOR	W-B (1-3)	
R3155	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		CN501	QGF1036F1-09	CONNECTOR	FFC/FPC (1-9)	
R3192	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J		CN531	QGF1036F1-15	CONNECTOR	FFC/FPC (1-15)	
R3193	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		CN801	QGF1036C1-19	CONNECTOR	FFC/FPC (1-19)	
R3201	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		CN802	QGF1036C1-17	CONNECTOR	FFC/FPC (1-17)	
R3202	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J		CN805	QGB1214J1-10S	CONNECTOR	B-B (1-10)	
R3203	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		CN806	QGB1214K1-16S	CONNECTOR	B-B (1-16)	
R3204	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J		DI531	QLD0334-001	LCD MODULE		
R3205	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J		EP102	QNZ0136-001Z	EARTH PLATE		
R3206	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		EP561	QNZ0136-001Z	EARTH PLATE		
R3207	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		J1001	QNB0204-001	SPK TERMINAL		
R3208	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		J5601	QNS0170-001	HEADPHONE JACK		
R3209	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		JS501	QSW0993-001	ROTARY ENCODER		
R3210	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		K6001	QQR0621-001Z	COIL		
R3211	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		K8002	QQR0621-001Z	COIL		
R3212	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		K8003	QQR0621-001Z	COIL		
R3251	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		K8004	QQR0621-001Z	COIL		
R3254	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		S5001	QSW0683-001Z	PUSH SW		
R3255	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		S5002	QSW0683-001Z	PUSH SW		
R3292	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J		S5003	QSW0683-001Z	PUSH SW		
R3293	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		S5004	QSW0683-001Z	PUSH SW		
R3301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		S5005	QSW0683-001Z	PUSH SW		
R3302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		S5006	QSW0683-001Z	PUSH SW		
R3303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		S5007	QSW0683-001Z	PUSH SW		
R3304	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S5008	QSW0683-001Z	PUSH SW		
R3306	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J		S5009	QSW0683-001Z	PUSH SW		
R3307	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J		S5010	QSW0683-001Z	PUSH SW		
R3308	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J		S5011	QSW0683-001Z	PUSH SW		
R3309	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		S5012	QSW0683-001Z	PUSH SW		
R5011	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		S5013	QSW0683-001Z	PUSH SW		
R5012	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		S5014	QSW0683-001Z	PUSH SW		
R5013	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		WC561	QZW0112-002	WIRE CLAMP		
R5014	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		WR101	QJK026-063601	SIN TWIST WIRE		
R5015	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J		WR111	QUB220-50DMHP	SIN TWIST WIRE		
R5016	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J		WR112	QUB220-22HPHP	SIN TWIST WIRE		
R5021	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		WR114	QUB030-12PPPP	SIN TWIST WIRE		
R5022	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		WR501	QUB220-08BXHP	SIN TWIST WIRE		
R5023	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		WR807	QJK005-111101	SIN CR C-B WIRE		

Micon board

Block No. [0][2]

Symbol No.	Part No.	Part Name	Description	Local
IC621	GP1FAV50TK0F	OPT TRANSMITTER		
IC701	UPD784217AGF545	IC		
IC741	BR24L02F-W-X	IC		
IC745	SN74AHCT08NS-X	IC		
IC751	LB1641	IC		
Q2401	2SD601A/RS/-X	TRANSISTOR		
△ Q2501	2SB941A/QP/	TRANSISTOR		
Q2502	2SD601A/RS/-X	TRANSISTOR		
△ Q2801	KTB772/Y/	TRANSISTOR		
Q2802	2SD601A/RS/-X	TRANSISTOR		
△ Q2901	2SB740/BC-T	TRANSISTOR		
Q2902	2SD601A/RS/-X	TRANSISTOR		
Q7035	UN2111-X	TRANSISTOR		
Q7301	2SD601A/RS/-X	TRANSISTOR		
Q7302	2SD601A/RS/-X	TRANSISTOR		
Q7311	UN2211-X	TRANSISTOR		
Q7331	2SD601A/RS/-X	TRANSISTOR		
Q7351	KTA1267/YG-T	TRANSISTOR		
Q7352	UN2211-X	TRANSISTOR		
Q7601	UN2214-X	TRANSISTOR		
Q7631	KTC3195/O-T	TRANSISTOR		
Q7632	KTC3195/O-T	TRANSISTOR		
Q7801	KTC3199/GL-T	TRANSISTOR		
Q7802	KTC3199/GL-T	TRANSISTOR		
Q7803	KTC3199/GL-T	TRANSISTOR		
Q7804	KTC3199/GL-T	TRANSISTOR		
Q7805	2SD601A/RS/-X	TRANSISTOR		
Q7806	2SD601A/RS/-X	TRANSISTOR		
Q7807	2SD601A/RS/-X	TRANSISTOR		
Q7808	2SD601A/RS/-X	TRANSISTOR		
Q7809	2SD601A/RS/-X	TRANSISTOR		
Q7810	2SD601A/RS/-X	TRANSISTOR		
Q7811	2SD601A/RS/-X	TRANSISTOR		
Q7812	2SD601A/RS/-X	TRANSISTOR		
Q7901	KTA1273/Y-T	TRANSISTOR		
Q7902	2SD601A/RS/-X	TRANSISTOR		
Q7903	2SD601A/RS/-X	TRANSISTOR		
Q9001	2SD601A/RS/-X	TRANSISTOR		
△ D2401	1N5402M-20	DIODE		
△ D2402	1N5402M-20	DIODE		
△ D2403	1N5402M-20	DIODE		
△ D2404	1N5402M-20	DIODE		
△ D2405	1N5402M-20	DIODE		
△ D2406	1N5402M-20	DIODE		
△ D2407	1N5402M-20	DIODE		
△ D2408	1N5402M-20	DIODE		
D2501	1SS133-T2	SI DIODE		
D2502	1SS133-T2	SI DIODE		
D2801	1SS133-T2	SI DIODE		
D2802	1SS133-T2	SI DIODE		
D2901	1SS133-T2	SI DIODE		
D2902	1SS133-T2	SI DIODE		
D6203	MTZJ6.2C-T2	Z DIODE		
D7016	1SS133-T2	SI DIODE		
D7301	1SS133-T2	SI DIODE		
D7302	MTZJ6.8C-T2	Z DIODE		
D7303	1SS133-T2	SI DIODE		
D7311	1SS133-T2	SI DIODE		
D7321	1SS133-T2	SI DIODE		
D7401	1SS133-T2	SI DIODE		
D7402	1SS133-T2	SI DIODE		
D7501	1N4003S-T5	SI DIODE		
D7502	1N4003S-T5	SI DIODE		
D7503	1N4003S-T5	SI DIODE		
△ D7505	MTZJ4.7C-T2	Z DIODE		
D7601	1SS133-T2	SI DIODE		
D7901	MTZJ5.6B-T2	Z DIODE		
D7902	1N4003S-T5	SI DIODE		
D7903	MTZJ8.2B-T2	Z DIODE		
△ D9001	1SS133-T2	SI DIODE		
D9002	1N4003S-T5	SI DIODE		

Symbol No.	Part No.	Part Name	Description	Local
△ C2401	QETM1EM-828	E CAPACITOR	8200uF 25V M	
△ C2402	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
△ C2403	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
△ C2404	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
△ C2405	QFVF1HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C2501	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2502	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2503	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2504	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C2801	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2802	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2803	QTE1C06-476Z	E CAPACITOR	47uF 16V	
C2901	QTE1E28-106Z	E CAPACITOR	10uF 25V	
C2902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2903	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C6211	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C6212	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6215	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C6225	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C6230	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6291	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6292	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6294	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6295	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6296	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6297	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6299	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C6321	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6322	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6323	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6324	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6325	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6326	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6327	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6328	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6351	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C7001	QEK1CM-107Z	E CAPACITOR	100uF 16V M	
C7002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7052	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7311	QEK1EM-475Z	E CAPACITOR	4.7uF 25V M	
C7312	QEK1HM-225Z	E CAPACITOR	2.2uF 50V M	
C7321	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M	
C7331	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7351	QEK1EM-106Z	E CAPACITOR	10uF 25V M	
C7352	QEK1EM-106Z	E CAPACITOR	10uF 25V M	
C7353	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7354	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7401	QEK1EM-476Z	E CAPACITOR	47uF 25V M	
C7402	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7451	QEK1EM-476Z	E CAPACITOR	47uF 25V M	
C7452	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7501	QEK1CM-107Z	E CAPACITOR	100uF 16V M	
C7502	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
C7503	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7631	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C7632	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7633	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7634	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C7635	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7636	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7651	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C7652	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C7801	QEK1CM-107Z	E CAPACITOR	100uF 16V M	
C7803	QEK1CM-107Z	E CAPACITOR	100uF 16V M	
C7805	QEK1CM-107Z	E CAPACITOR	100uF 16V M	
C7807	QEK1CM-107Z	E CAPACITOR	100uF 16V M	
C7809	QEK1CM-107Z	E CAPACITOR	100uF 16V M	
C7811	QEK1CM-107Z	E CAPACITOR	100uF 16V M	
C7901	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
△ C9001	QCZ9104-472	C CAPACITOR	4700pF	
C9002	QETM1EM-108	E CAPACITOR	1000uF 25V M	
C9003	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
R2401	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R2402	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2501	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R2502	QRE141J-131Y	C RESISTOR	130Ω 1/4W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R7815	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		Q104	2SC4617/R/-X	TRANSISTOR		
R7816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		Q105	UN2119-X	TRANSISTOR		
R7817	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R7818	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		C101	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R7901	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		C102	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R7902	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J		C103	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R7903	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		C104	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R7904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		C105	NEA70JM-476X	E CAPACITOR	47uF 6.3V M	
R7905	QRE141J-2R2Y	C RESISTOR	2.2Ω 1/4W J		C106	NEA70JM-476X	E CAPACITOR	47uF 6.3V M	
					C107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
L6211	QQL244K-4R7Z	COIL	4.7uH K		C108	NEA70JM-476X	E CAPACITOR	47uF 6.3V M	
L7001	QQL244K-100Z	COIL	10uH K		C111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
L7024	QQL244K-100Z	COIL	10uH K		C204	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
△ T9002	QQT0253-002	POWER TRANSF			C205	NCB31HK-271X	C CAPACITOR	270pF 50V K	
					C206	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
CN201	QGB2510K2-09	CONNECTOR	B-B (1-9)		C208	NCB31HK-561X	C CAPACITOR	560pF 50V K	
CN202	QGA2501C1-11	CONNECTOR	W-B (1-11)		C211	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
CN621	QGB1214K1-20S	CONNECTOR	B-B (1-20)		C212	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
CN623	QGB2510J1-07	CONNECTOR	B-B (1-7)		C217	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CN631	QGB2510K2-07	CONNECTOR	B-B (1-7)		C251	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
CN701	QGB2510K2-09	CONNECTOR	B-B (1-9)		C253	NCB31HK-561X	C CAPACITOR	560pF 50V K	
CN702	QGF1036C1-15	CONNECTOR	FFC/FPC (1-15)		C255	NCB31CK-153X	C CAPACITOR	0.015uF 16V K	
CN703	QGF1205C1-09	CONNECTOR	FFC/FPC (1-9)		C256	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CN705	QGF1036F1-07	CONNECTOR	FFC/FPC (1-7)		C257	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
CN706	QGB1214K1-14S	CONNECTOR	B-B (1-14)		C258	NCB31CK-153X	C CAPACITOR	0.015uF 16V K	
CN707	QGB1214K1-10S	CONNECTOR	B-B (1-10)		C259	NCB31CK-153X	C CAPACITOR	0.015uF 16V K	
CN708	QGB1214K1-10S	CONNECTOR	B-B (1-10)		C260	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
CN709	QGF1205C1-11	CONNECTOR	FFC/FPC (1-11)		C261	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
CN710	QGF1036C1-09	CONNECTOR	FFC/FPC (1-9)		C262	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
CN711	QGF1036F1-05	CONNECTOR	FFC/FPC (1-5)		C264	NEA70JM-227X	E CAPACITOR	220uF 6.3V M	
△ CN901	QGA7901C1-02	CONNECTOR	W-B (1-2)		C265	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
CN902	QGA2501F1-05	CONNECTOR	W-B (1-5)		C266	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
CN903	QGA2501F1-04	CONNECTOR	W-B (1-4)		C267	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
EP601	QNZ0136-001Z	EARTH PLATE			C301	NEA70GM-227X	E CAPACITOR	220uF 4V M	
EP701	QNZ0136-001Z	EARTH PLATE			C302	NEA70GM-476X	E CAPACITOR	47uF 4V M	
△ FT911	QNG0003-001Z	FUSE CLIP			C303	NEA70GM-476X	E CAPACITOR	47uF 4V M	
△ FT912	QNG0003-001Z	FUSE CLIP			C304	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
△ FT931	QNG0003-001Z	FUSE CLIP			C305	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
△ FT932	QNG0003-001Z	FUSE CLIP			C306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
J6202	QNN0420-001	SURROUND JACK			C307	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
J6203	QNS0089-001	3.5 JACK			C308	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
J6204	QNN0557-002	PIN JACK			C309	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
J6301	QNN0661-001	PIN JACK			C310	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
K6211	QQR0621-001Z	COIL			C311	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
K6291	QQR0621-001Z	COIL			C312	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
K7001	QQR0621-001Z	COIL			C313	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
△ LF901	QQR1321-001	LINE FILTER			C314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
△ RY901	QSK0124-001	RELAY			C315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
S6301	QSW0454-001	SW			C316	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
△ TH241	NAD0038-471X	P THERMISTOR	470Ω		C317	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
TP701	QNZ0104-001	POST PIN			C318	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
WC601	QZW0112-002	WIRE CLAMP			C319	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
WR201	QJK008-050700	SIN CR C-B WIRE			C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
WR622	WJP0062-002A	E-SH C WIRE C-B			C321	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
WR701	QJK008-040704	SIN CR C-B WIRE			C322	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
X7001	QAX0416-001Z	C RESONATOR	8.000MHz		C323	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
X7002	QAX0401-001	CRYSTAL	32.768KHz		C324	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
					C325	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
					C326	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
					C327	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
					C330	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C331	NCB31CK-333X	C CAPACITOR	0.033uF 16V K	
					C332	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C333	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C334	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C335	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C337	NCB31CK-183X	C CAPACITOR	0.018uF 16V K	
					C338	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
					C339	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C340	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
					C341	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
					C347	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C348	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C349	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C350	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C356	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
					C359	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C371	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	

DVD module board

Block No. [0][3]

△ Symbol No.	Part No.	Part Name	Description	Local
IC201	LA6502-X	IC		
IC301	MN2DS0003AA-H	IC		
IC302	LM1117MP-ADJ-X	IC		
IC453	S-80827CNNB-W	IC		
IC505	K4S641632H-UC75	IC		
IC509	AT49BV162AT70T1	IC (FLASH)		
IC701	AK4384VT-X	IC		
Q101	KTA1001/Y/-X	TRANSISTOR		
Q102	2SC4617/R/-X	TRANSISTOR		
Q103	KTA1001/Y/-X	TRANSISTOR		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C374	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R310	NRSA63J-R47X	MG RESISTOR	0.47Ω 1/2W J	
C391	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R312	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C392	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R313	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C455	NCB31CK-103X	C CAPACITOR	0.01uF 16V K		R314	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C505	NDC31HJ-330X	C CAPACITOR	33pF 50V J		R315	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C506	NDC31HJ-330X	C CAPACITOR	33pF 50V J		R316	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C507	NDC31HJ-330X	C CAPACITOR	33pF 50V J		R317	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C508	NDC31HJ-330X	C CAPACITOR	33pF 50V J		R318	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
C509	NDC31HJ-330X	C CAPACITOR	33pF 50V J		R319	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C510	NDC31HJ-330X	C CAPACITOR	33pF 50V J		R320	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C547	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R322	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C551	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R325	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R326	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C553	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M		R333	NRSA63J-163X	MG RESISTOR	16kΩ 1/16W J	
C554	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R334	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C555	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R335	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C556	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R336	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C557	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		R337	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C558	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C559	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R339	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C701	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R340	NRSA63D-303X	MG RESISTOR	30kΩ 1/16W D	
C704	NEA70JM-227X	E CAPACITOR	220uF 6.3V M		R341	NRSA63D-362X	MG RESISTOR	3.6kΩ 1/16W D	
C706	NEA71CM-106X	E CAPACITOR	10uF 16V M		R342	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
C707	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R343	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C721	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R344	NRSA63J-6R8X	MG RESISTOR	6.8Ω 1/16W J	
C902	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R345	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C903	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R351	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
C904	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R352	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C906	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R357	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R358	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R361	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R103	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J		R362	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R104	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J		R363	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R105	NRS125J-270X	MG RESISTOR	27Ω 1/2W J		R372	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R106	NRSA63J-2R2X	MG RESISTOR	2.2Ω 1/16W J		R373	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R374	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R108	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R375	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R109	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R376	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R110	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R377	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R111	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J		R378	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R112	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J		R379	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R113	NRS125J-270X	MG RESISTOR	27Ω 1/2W J		R384	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R114	NRSA63J-2R2X	MG RESISTOR	2.2Ω 1/16W J		R385	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R390	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R116	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R391	NAD0025-103X	N THERMISTOR	10kΩ	
R117	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R392	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R393	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R119	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R394	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R120	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R395	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R457	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R123	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R458	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R125	NRS125J-1R0X	MG RESISTOR	1Ω 1/2W J		R501	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R126	NRSA02J-101X	MG RESISTOR	100Ω 1/10W J		R502	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R128	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R503	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R204	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R530	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R205	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R551	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R206	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J		R558	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R207	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R701	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R208	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R702	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R213	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R711	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R712	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R215	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R713	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R219	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		R716	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R220	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J		R718	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R221	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R719	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R251	NRS125J-R47X	MG RESISTOR	0.47Ω 1/2W J		R723	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R252	NRSA63J-2R2X	MG RESISTOR	2.2Ω 1/16W J		R724	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R254	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J		R725	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R255	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R727	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R257	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R728	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R259	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R909	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R302	NRSA63J-240X	MG RESISTOR	24Ω 1/16W J		R911	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L501	NQL044K-100X	COIL	0.26Ω 10uH K	
R306	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN101	QGF0523F1-24W	CONNECTOR	FFC/FPC (1-24)	
R307	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN201	QGF1016F2-08W	CONNECTOR	FFC/FPC (1-8)	
R308	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		CN501	QGF1016F2-19W	CONNECTOR	FFC/FPC (1-19)	
R309	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J						

△ Symbol No.	Part No.	Part Name	Description	Local
CN502	QGF1016F2-08W	CONNECTOR	FFC/FPC (1-8)	
CN503	QGF1016F2-17W	CONNECTOR	FFC/FPC (1-17)	
K101	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
K251	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K252	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
K301	NQR0354-001X	FERRITE BEADS		
K302	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
K303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
K304	NQR0502-001X	FERRITE BEADS		
K501	NQR0129-002X	FERRITE BEADS		
K551	NQR0129-002X	FERRITE BEADS		
K552	NQR0129-002X	FERRITE BEADS		
K553	NQR0129-002X	FERRITE BEADS		
K554	NQR0129-002X	FERRITE BEADS		
K555	NQR0022-005X	FERRITE BEADS		
K556	NQR0129-002X	FERRITE BEADS		
K563	NQR0129-002X	FERRITE BEADS		
K564	NQR0129-002X	FERRITE BEADS		
K565	NQR0129-002X	FERRITE BEADS		
K566	NQR0129-002X	FERRITE BEADS		
K567	NQR0129-002X	FERRITE BEADS		
K710	NQR0129-002X	FERRITE BEADS		
K721	NQR0251-004X	FERRITE BEADS		
K722	NQR0251-004X	FERRITE BEADS		
K723	NQR0251-004X	FERRITE BEADS		
X351	NAX0550-001X	CRYSTAL	27.000MHZ	

DVD loading switch board

Block No. [0][4]

△ Symbol No.	Part No.	Part Name	Description	Local
CN1	QGF1016F3-05	CONNECTOR	FFC/FPC (1-5)	
S1	QSW1074-001	DETECT SWITCH		

LED board

Block No. [0][5]

△ Symbol No.	Part No.	Part Name	Description	Local
D4	UDZS7.5B-X	Z DIODE		
D5	UDZS7.5B-X	Z DIODE		
D6	UDZS7.5B-X	Z DIODE		
R1	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
CN2	QGF1006F1-07W	CONNECTOR	FFC/FPC (1-7)	
CN3	QGF1037F2-07W	CONNECTOR	FFC/FPC (1-7)	
CN4	QGF1006F2-07W	CONNECTOR	FFC/FPC (1-7)	

Cassette switch board

Block No. [0][6]

△ Symbol No.	Part No.	Part Name	Description	Local
IC1	SG-105F3-BB,C	PHOTO SENSOR		
D1	1SR139-400-T2	SI DIODE		
R371	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
VR37	QVP0077-103Z	TRIM RESISTOR	10kΩ	
CN1	QGF1205F1-09	CONNECTOR	FFC/FPC (1-9)	
FW100	QUM024-07A2Z3	PARA RIBON WIRE		
P1	QNZ0104-001	POST PIN		

△ Symbol No.	Part No.	Part Name	Description	Local
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][7]

△ Symbol No.	Part No.	Part Name	Description	Local
IC32	HA12238F	IC	R/P Equalizer	
IC33	CD4094BC	IC	Serial to parallel port extension	
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		
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	

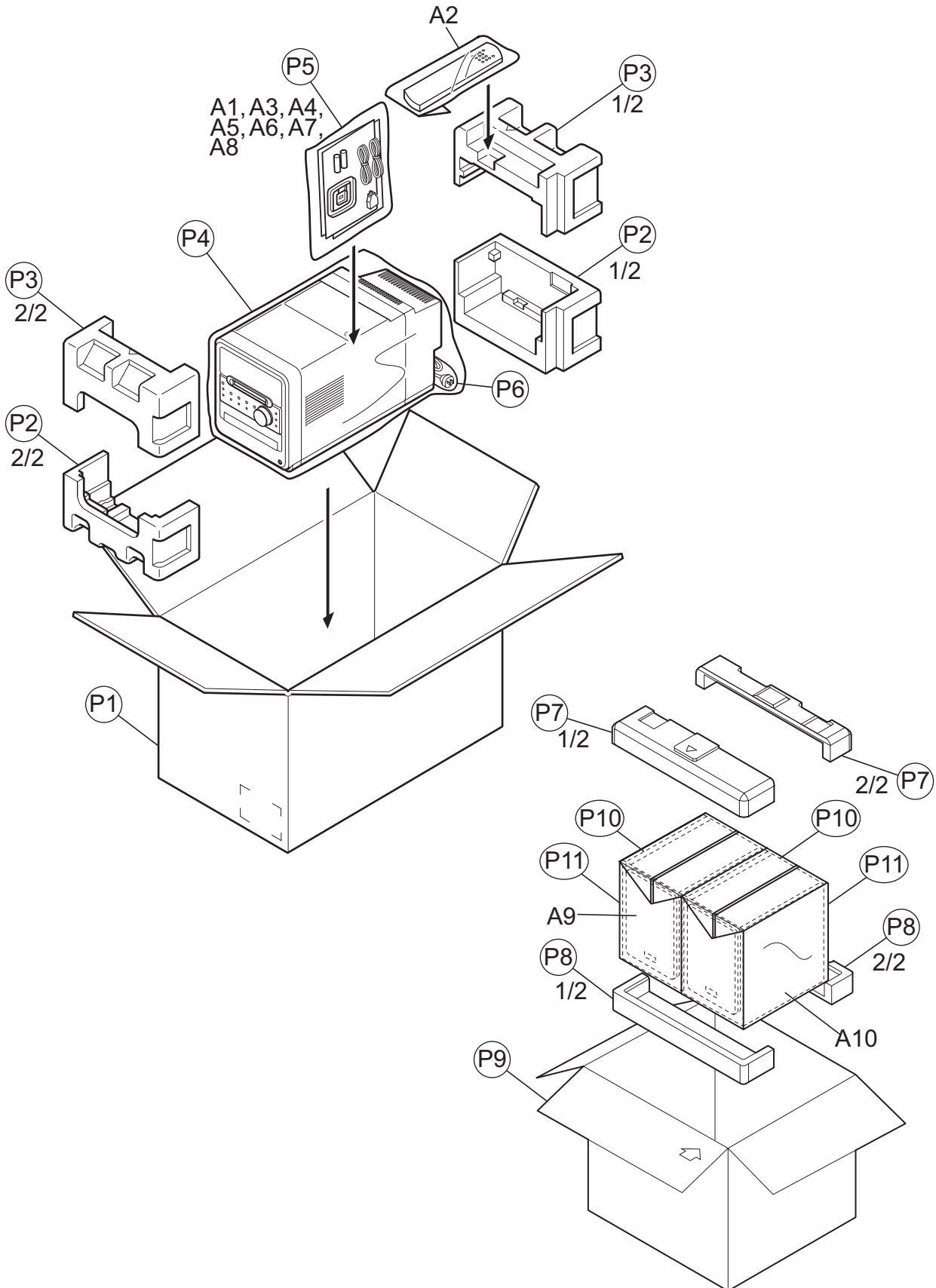
Symbol No.	Part No.	Part Name	Description	Local
R102	QRE141J-512Y	C RESISTOR	5.1kΩ 1/4W J	
R104	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R105	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R106	QRE141J-113Y	C RESISTOR	11kΩ 1/4W J	
R107	QRE141J-912Y	C RESISTOR	9.1kΩ 1/4W J	
R108	QRE141J-273Y	C RESISTOR	27kΩ 1/4W 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	
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	
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	
L301	QQR1118-002	OSC COIL(BIAS)		
L303	QQL244K-100Z	COIL	10uH K	
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)	
H32	GV40397-002A	IC HOLDER		

< MEMO >

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	LVT1220-005A	INST BOOK	ENG	A
	A 1	LVT1220-004A	INST BOOK	ENG CHI(PEKIN)	UN
	A 1	LVT1220-006A	INST BOOK	ENG CHI(PEKIN)	US
	A 2	RM-SUXQD9U	REMOCON		
	A 3	-----	BATTERY	(x2)	
	A 4	QAM0216-001	SIGNAL CORD		
△	A 5	QAM0112-002	PLUG ADAPTOR		UN,US
	A 6	QAL0457-001	ANT.WIRE		
	A 7	QAL0014-001	AM LOOP ANT		
	A 8	-----	WARRANTY CARD	BT-56012-1	A
	A 9	UXQD9SK-SPBOX-L	SPEAKER BOX		
	A 10	UXQD9SK-SPBOX-R	SPEAKER BOX		
	P 1	LV35434-001A	CARTON		A
	P 1	LV35434-002A	PACKING CASE		UN,US
	P 2	LV21756-001A	CUSHION(BOTTOM)		
	P 3	LV21757-001A	CUSHION(TOP)		
	P 4	QPC05006515P	POLY BAG	50cm x 65cm	
	P 5	QPC02503510P	POLY BAG	25cm x 35cm	
	P 6	QPA01503503	POLY BAG	15cm x 35cm	A
	P 7	LV35279-001A	TOP CUSHION		
	P 8	LV35279-002A	BOTTOM CUSHION		
	P 9	LV35231-024A	CARTON BOX		A
	P 9	LV35231-023A	CARTON BOX		UN,US
	P 10	8500048091	MIRROR SHEET	(x2)	
	P 11	8500041601	POLY BAG	(x2)	

JVC

SCHEMATIC DIAGRAMS

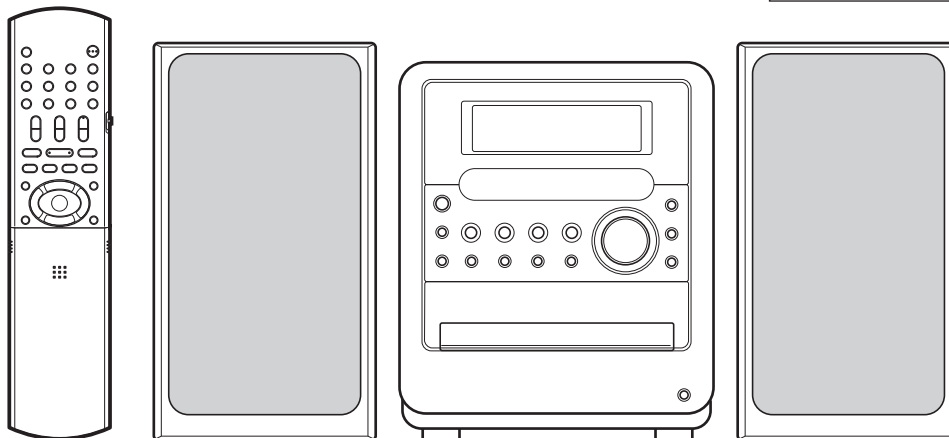
MICRO COMPONENT SYSTEM

UX-QD9S

CD-ROM No.SML200412

Area suffix

A ----- Australia
US ----- Singapore
UN ----- Asean



(SP-UXQD9S)

(CA-UXQD9S)

(SP-UXQD9S)



MP3
PLAYBACK

AV COMPU LINK
Digital Direct Progressive Scan

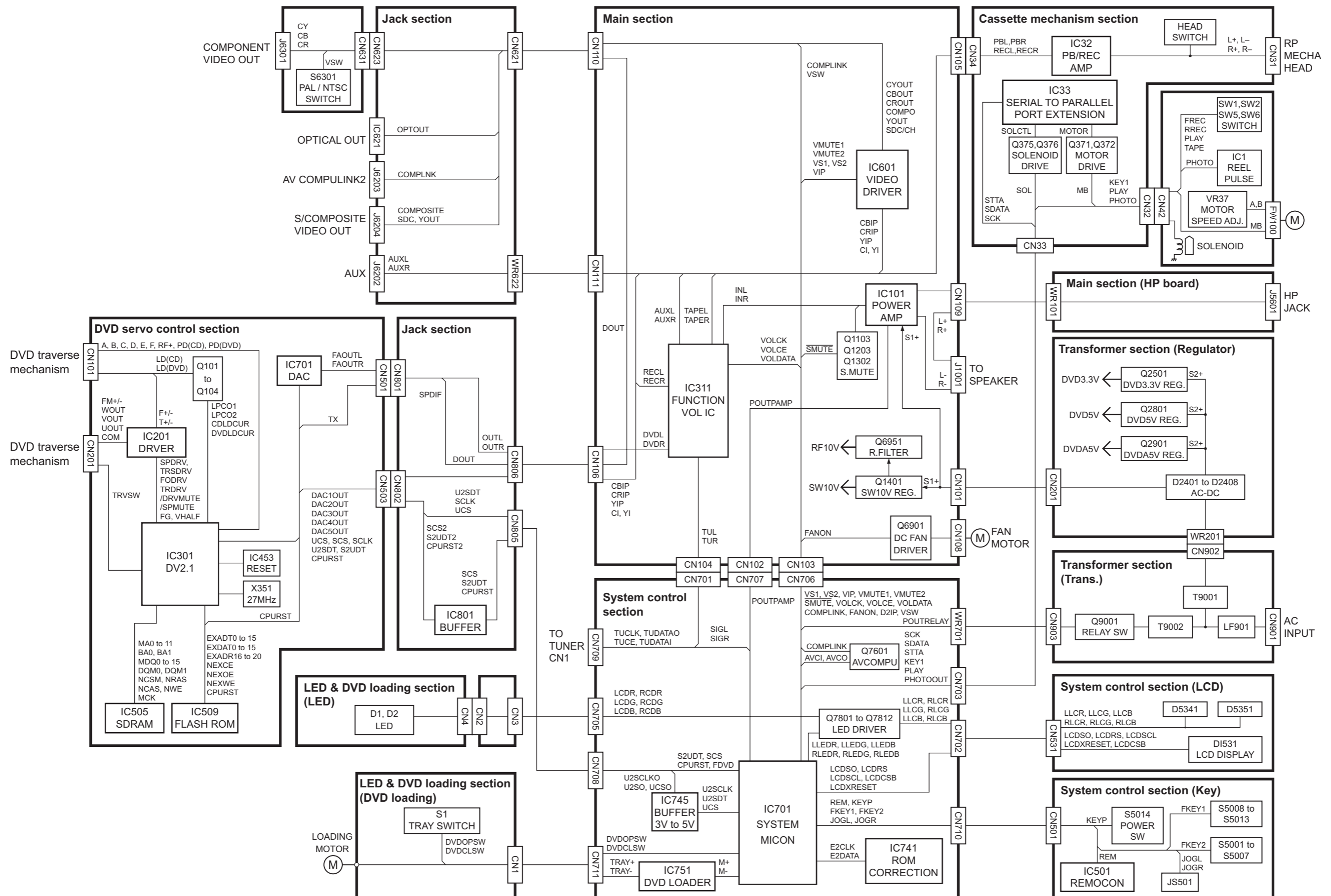


Contents

Block diagram	2-1
Standard schematic diagrams	2-2
Printed circuit boards	2-10 to 13

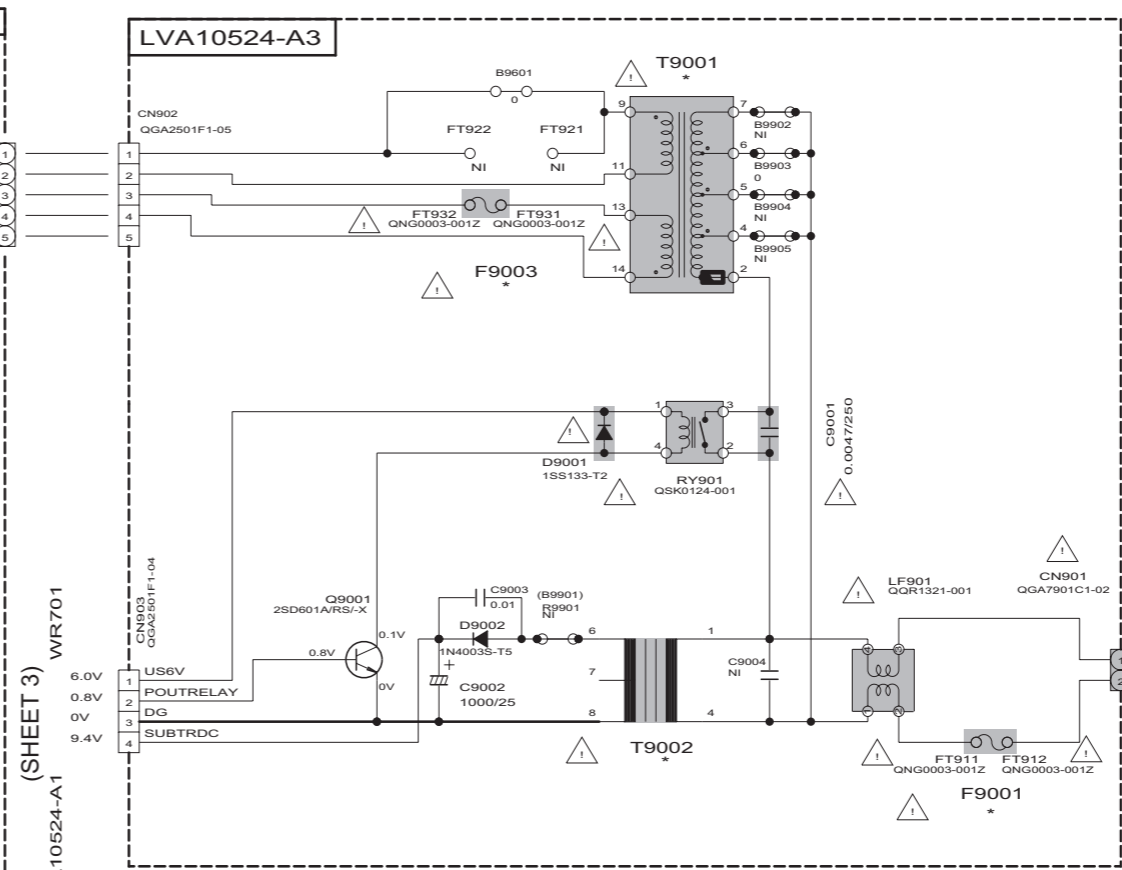
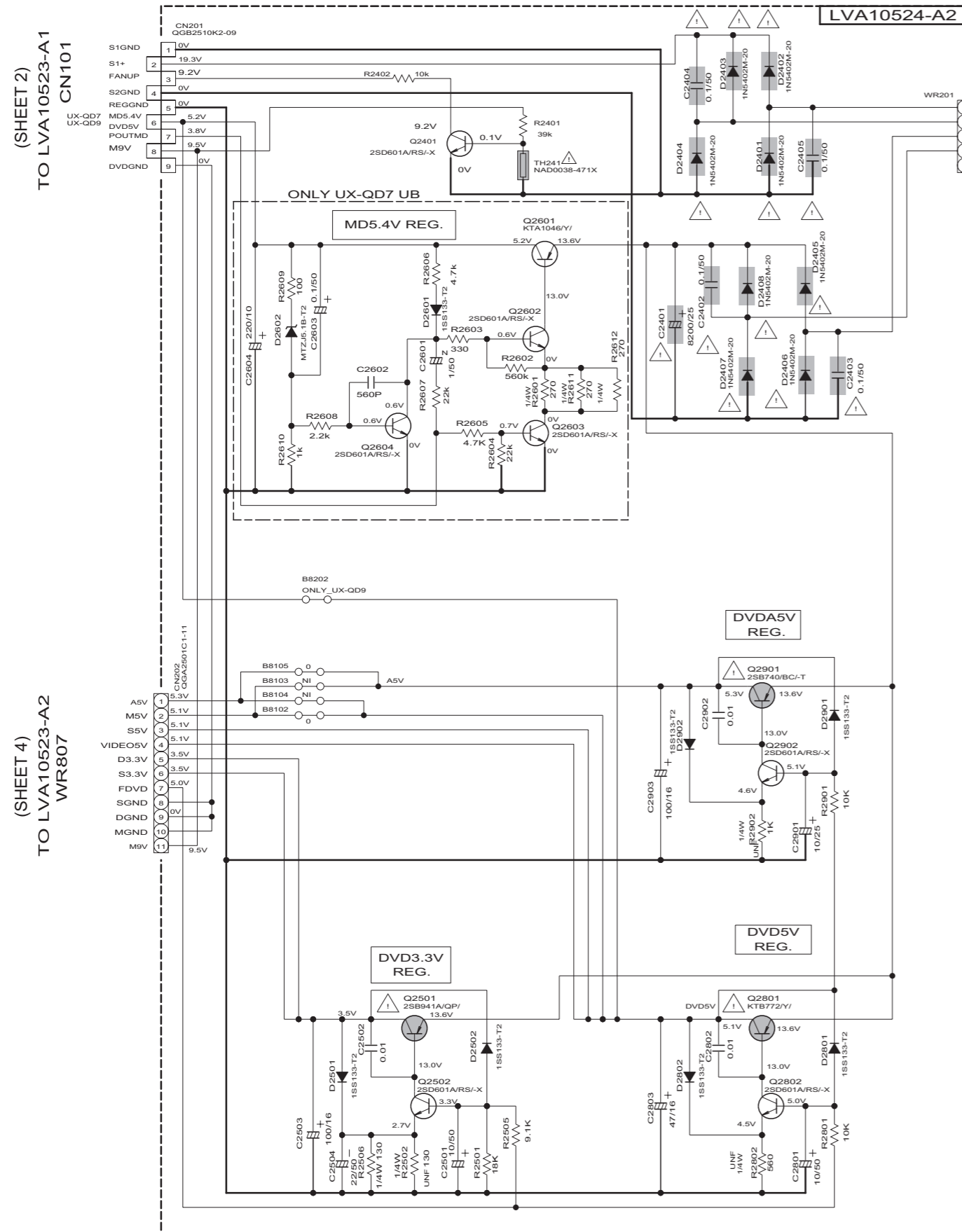
In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (■), diode (⬤) and ICP (●) or identified by the "△" mark nearby are critical for safety.

Block diagram



Standard schematic diagrams

Transformer section



UB:HONG KONG UN:INDONESIA A:AUSTRALIA US:SINGAPORE

* LIST

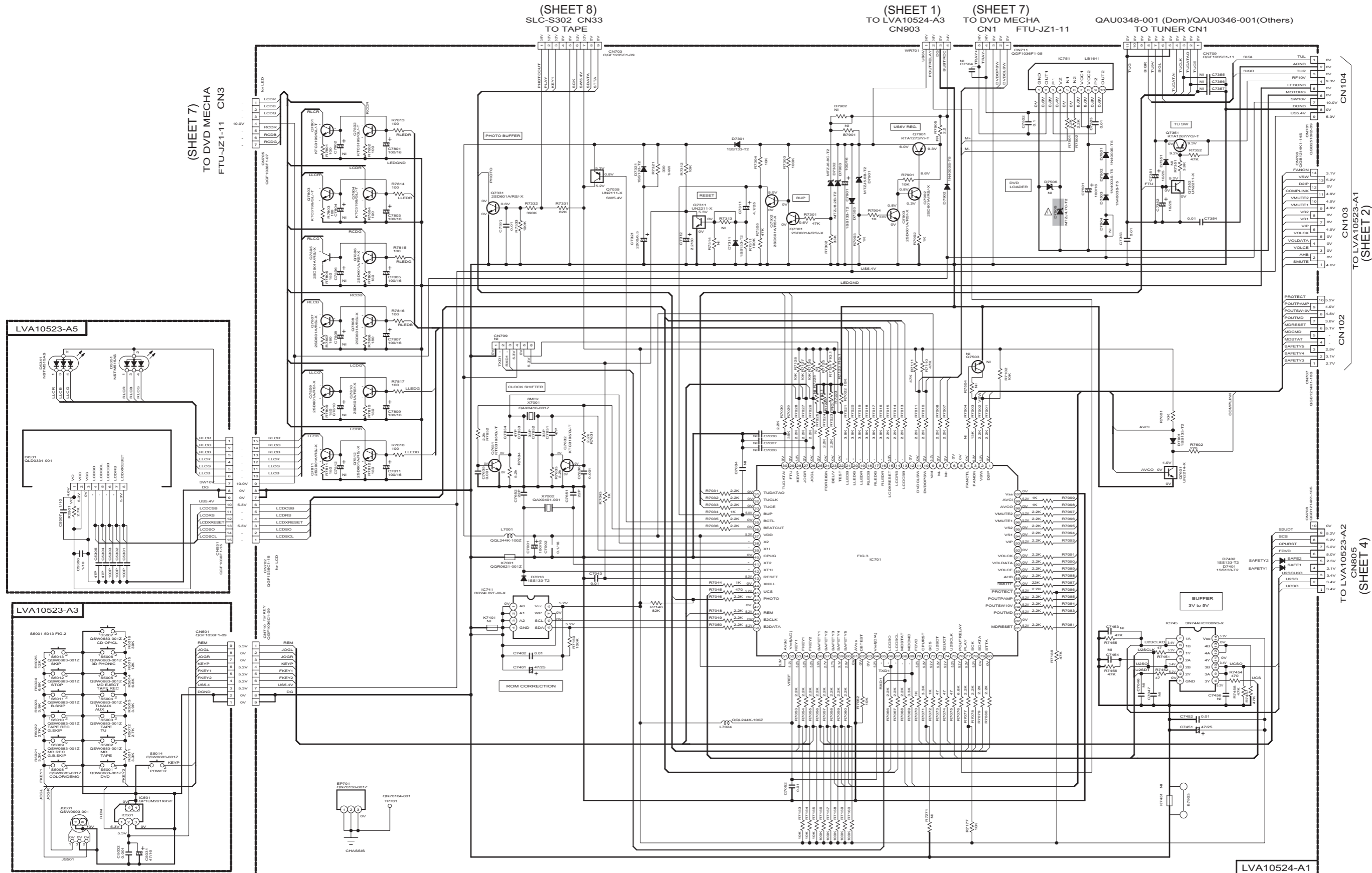
	QD7 UB	QD9 UN	QD9 A	QD9 US
T9001	QQT0451-003	QQT0451-003	QQT0451-003	QQT0451-004
T9002	QQT0253-003	QQT0253-002	QQT0253-002	QQT0253-002
F9001	T1AL	T1AL	T1AL	T1AL
F9003	T3.15AL	T3.15AL	T3.15AL	T3.15AL
B9903	-	BUS	BUS	BUS
B9904	BUS	-	-	-

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

NOTES

- VOLTAGES ARE DC-MEASURED WITH DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL
ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION-CD STOP MODE
- UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHM (Ω).
ALL RESISTORS ARE 1/16W
ALL CAPACITORS CAPACITOR ARE CERAMIC CAPACITOR OR MYLAR
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).

System control section



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

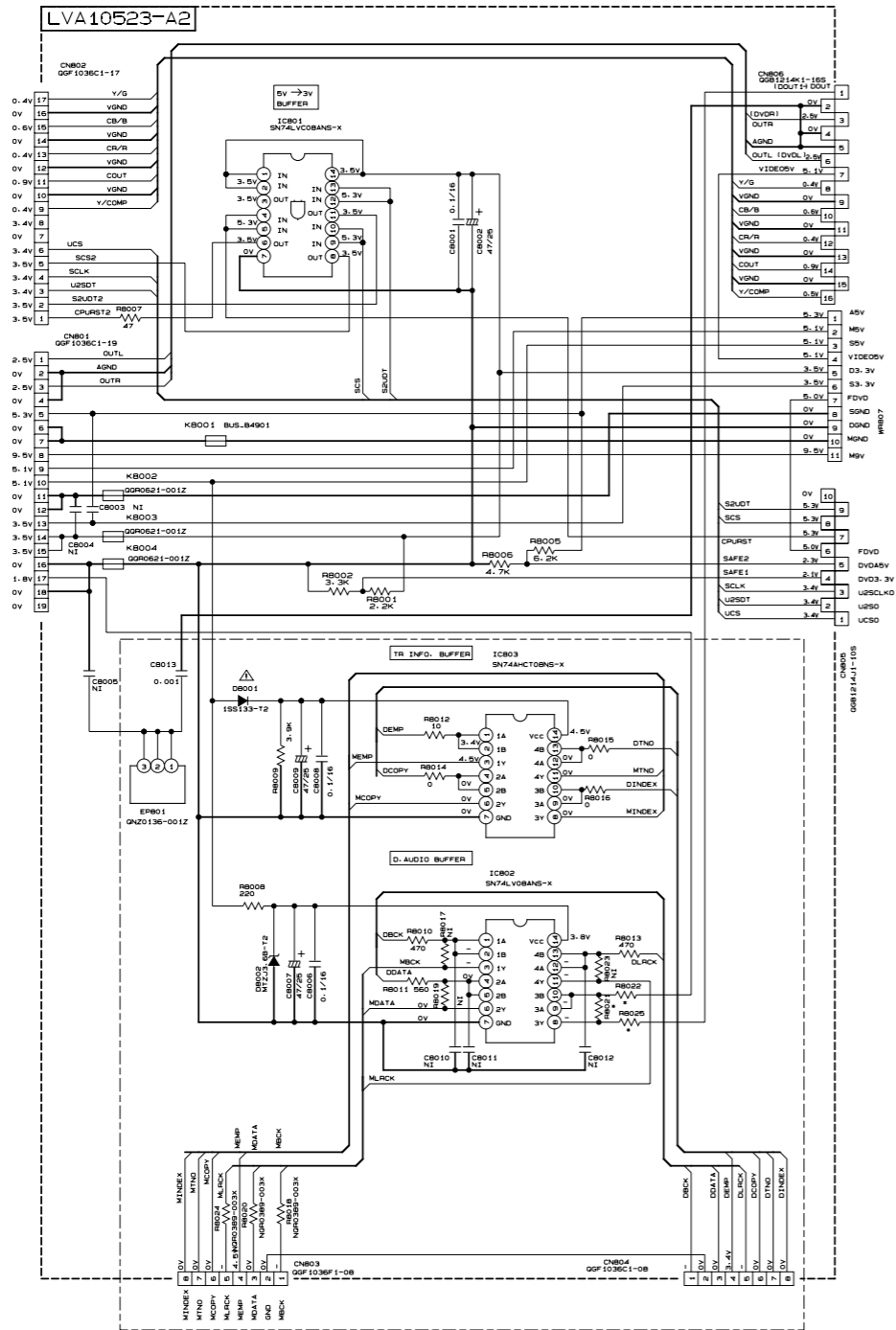
Jack section

(SHEET 6)
TO DVD MECHA
FTU-JZ1-11

CN503

CN501

REVERSE SLIMCARD
Y/G
Y/ND
CB/B
Y/ND
C/R/R
C/OUT
Y/ND
Y/COMP
L/AMUTE
UCS
SCS
SCLK
USDT
SUDT
CRURST
OUTL
AGND
OUTR
AGND
AGND
ASV
MND
MND
MSV
MSV
SSV
SND
SND
S3.3V
D3.3V
D3.3V
DND
SPDF
DND
TUBV+K1



TO MD MECHA
FMU-S6 CN522

ONLY UX-QD7 UB

TO DVD MECHA
FTU-JZ1-11 CN502
(SHEET 6)

* LIST

	UX-QD7	UX-QD9
R8022	0	0
R8021	NI	0
R8025	100	0

TO LVA10523-A1
CN105

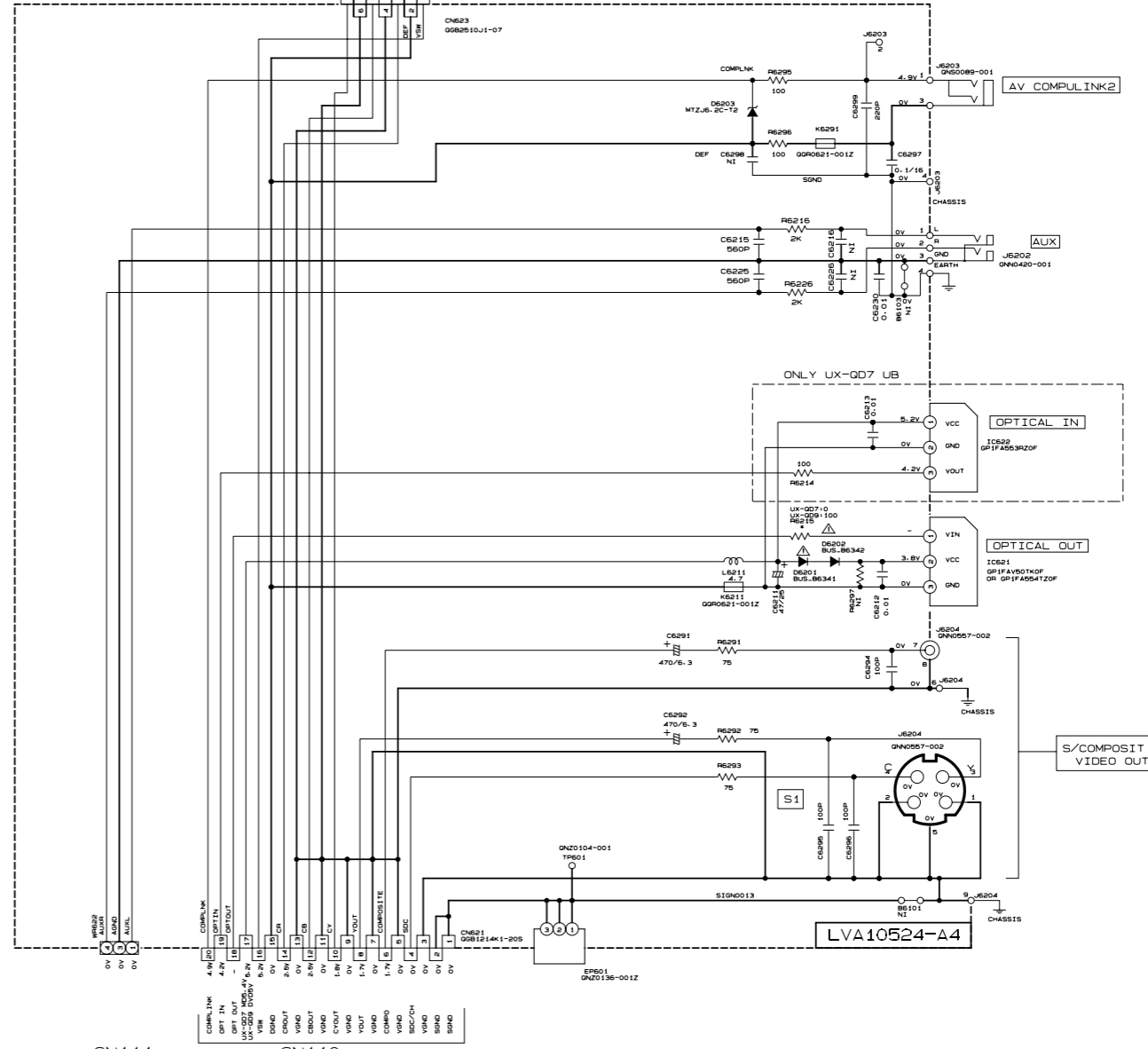
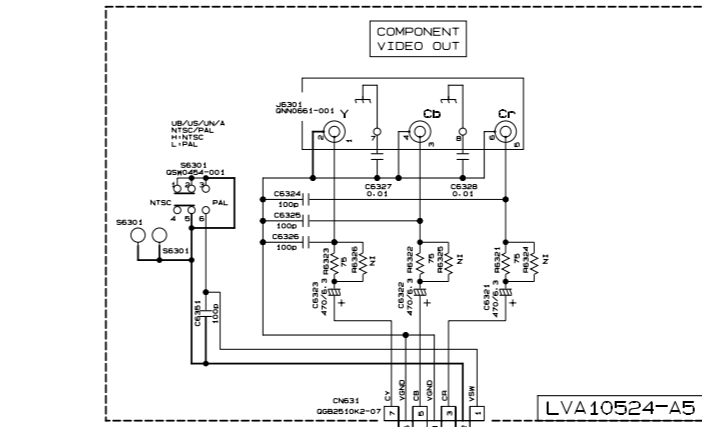
(SHEET 2)

TO LVA10524-A2
CN202

(SHEET 1)

TO LVA10524-A1
CN708

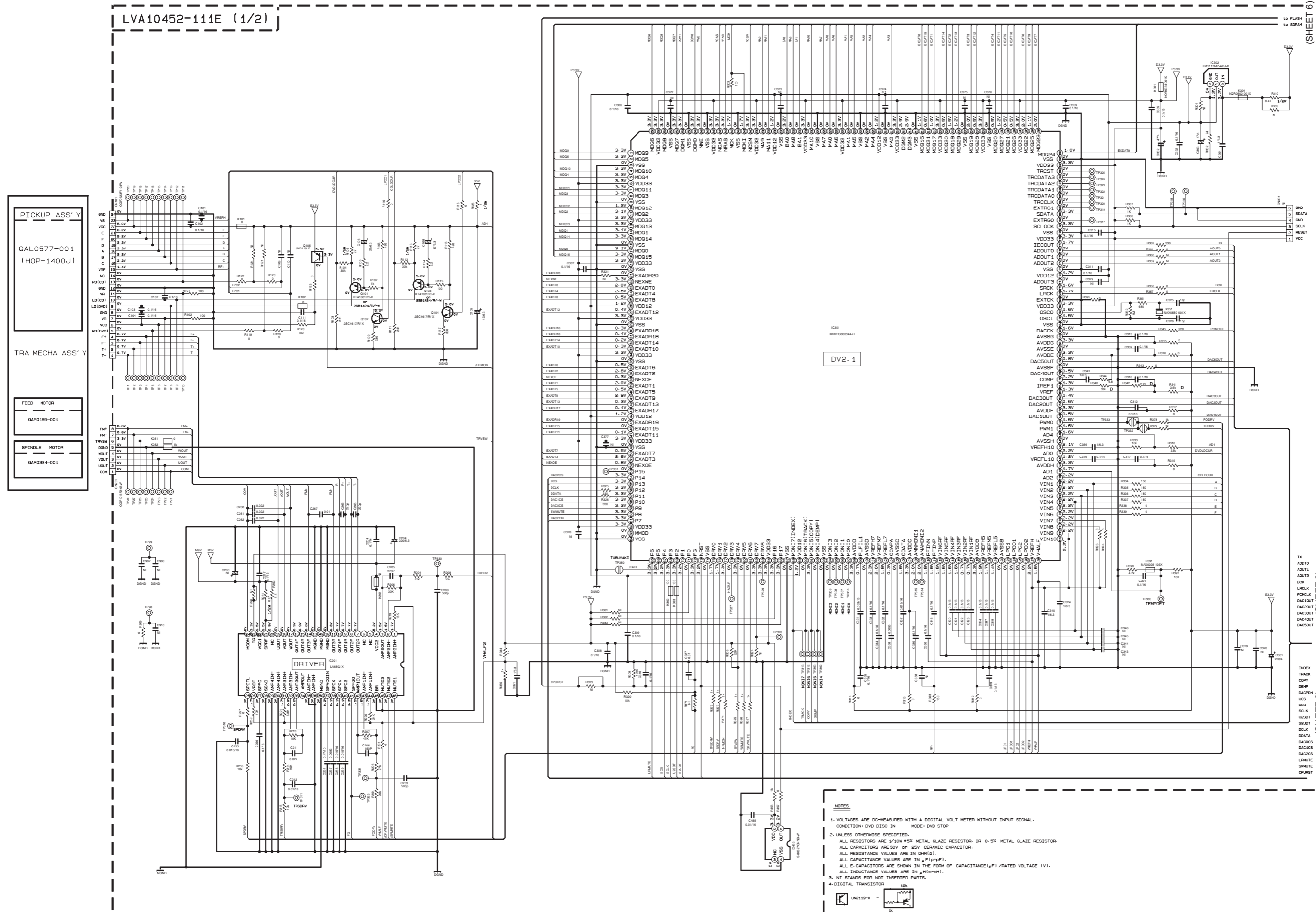
(SHEET 3)



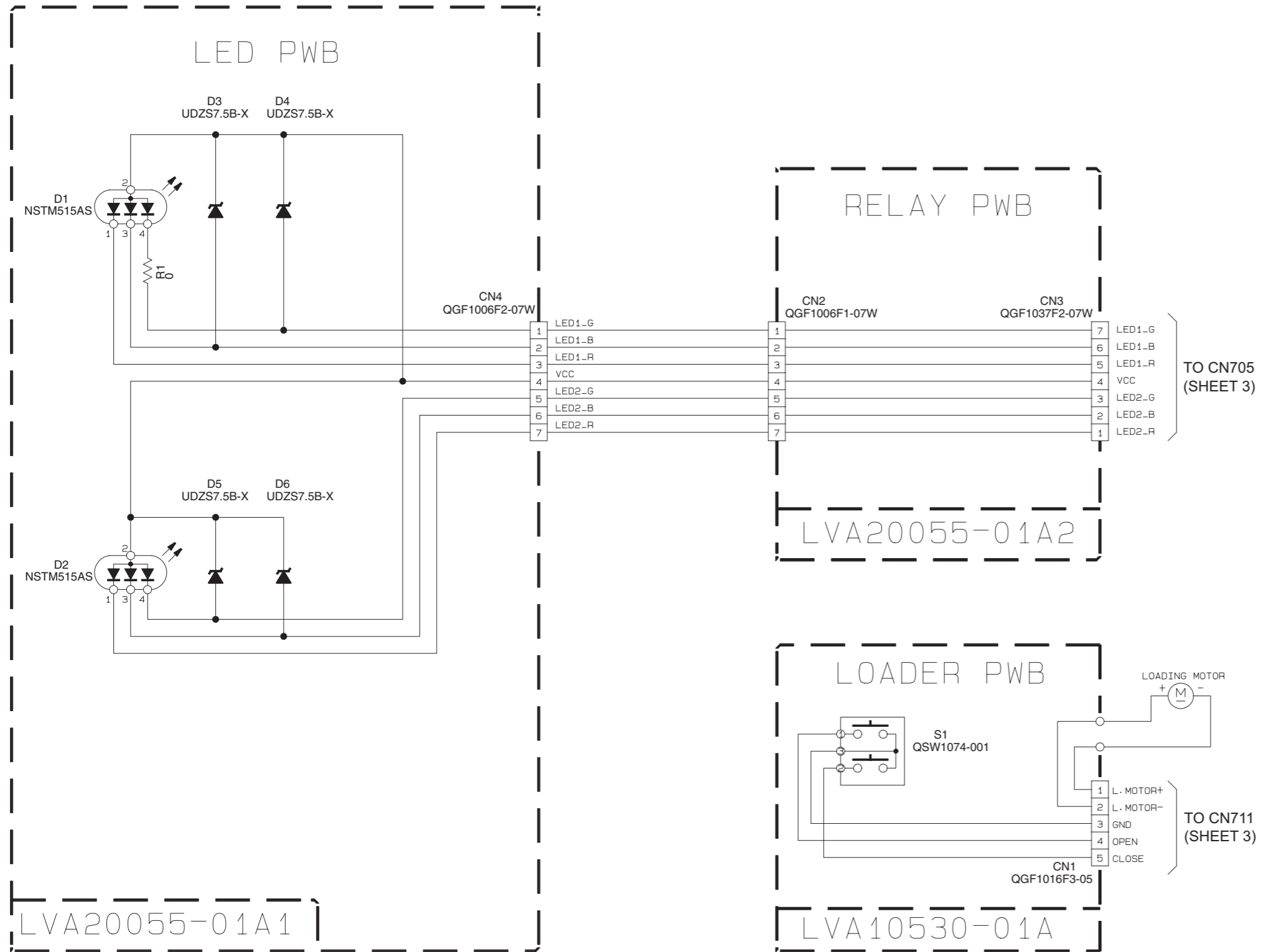
CN111
TO LVA10523-A1
(SHEET 2)

NOTES
1. VOLTAGES ARE DC-MEASURED WITH DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION- CO STOP MODE
2. UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHM (Ω).
ALL RESISTORS ARE 1/16W.
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR.
CAPACITORS.
ALL CAPACITANCE VALUES ARE IN nF (pF).
ALL INDUCTANCE VALUES ARE IN mH (mH).
ALL ELECTROLYTIC CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

■ DVD servo control section (1/2)

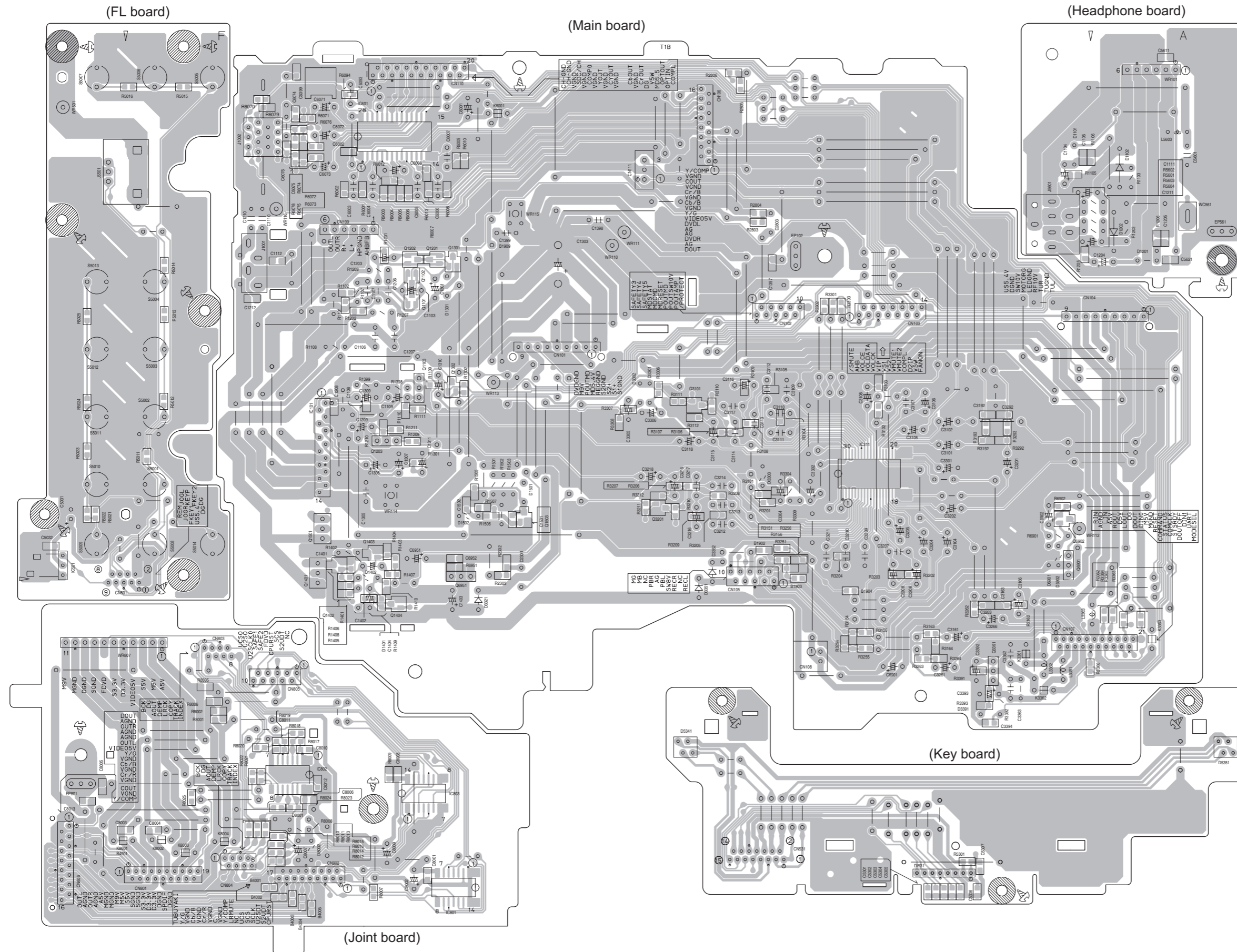


■ LED & DVD loading section



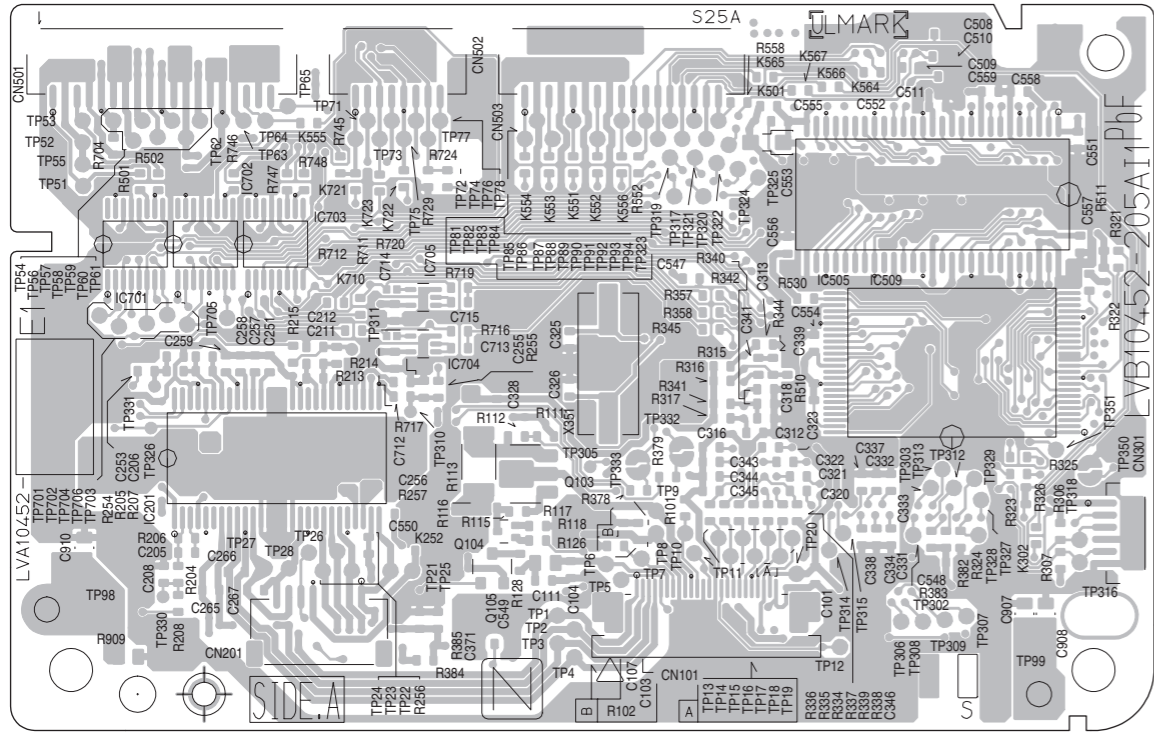
Printed circuit boards

■ Main board

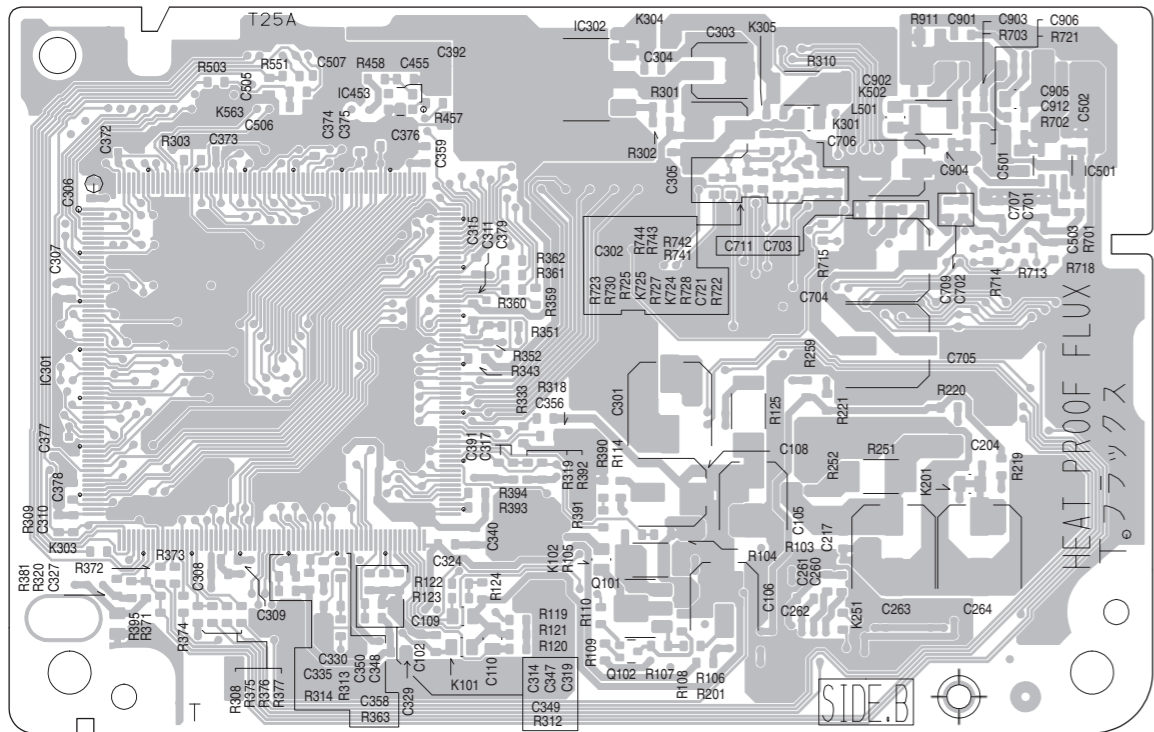


■ DVD module board

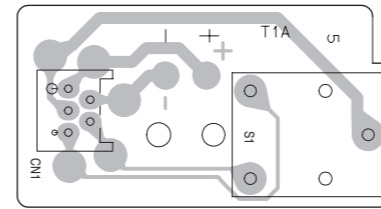
Forward side



Reverse side

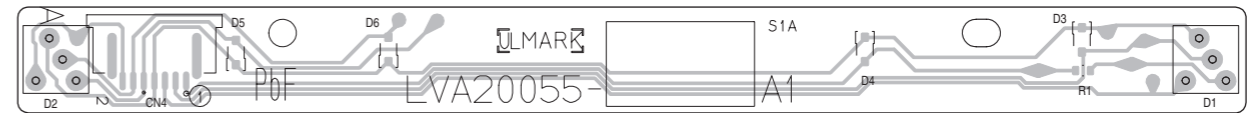


■ DVD loading switch board

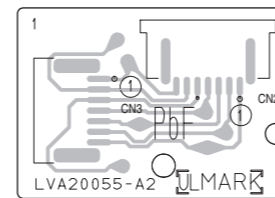


■ LED board

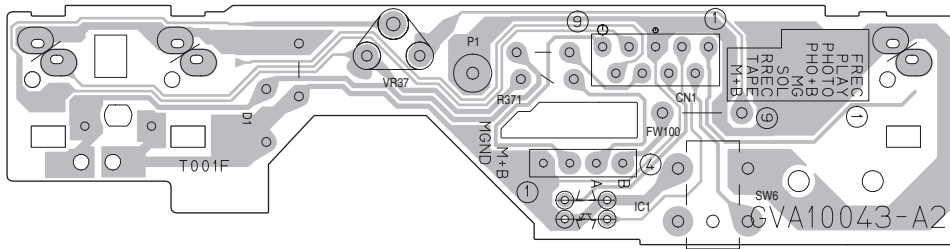
(LED board)



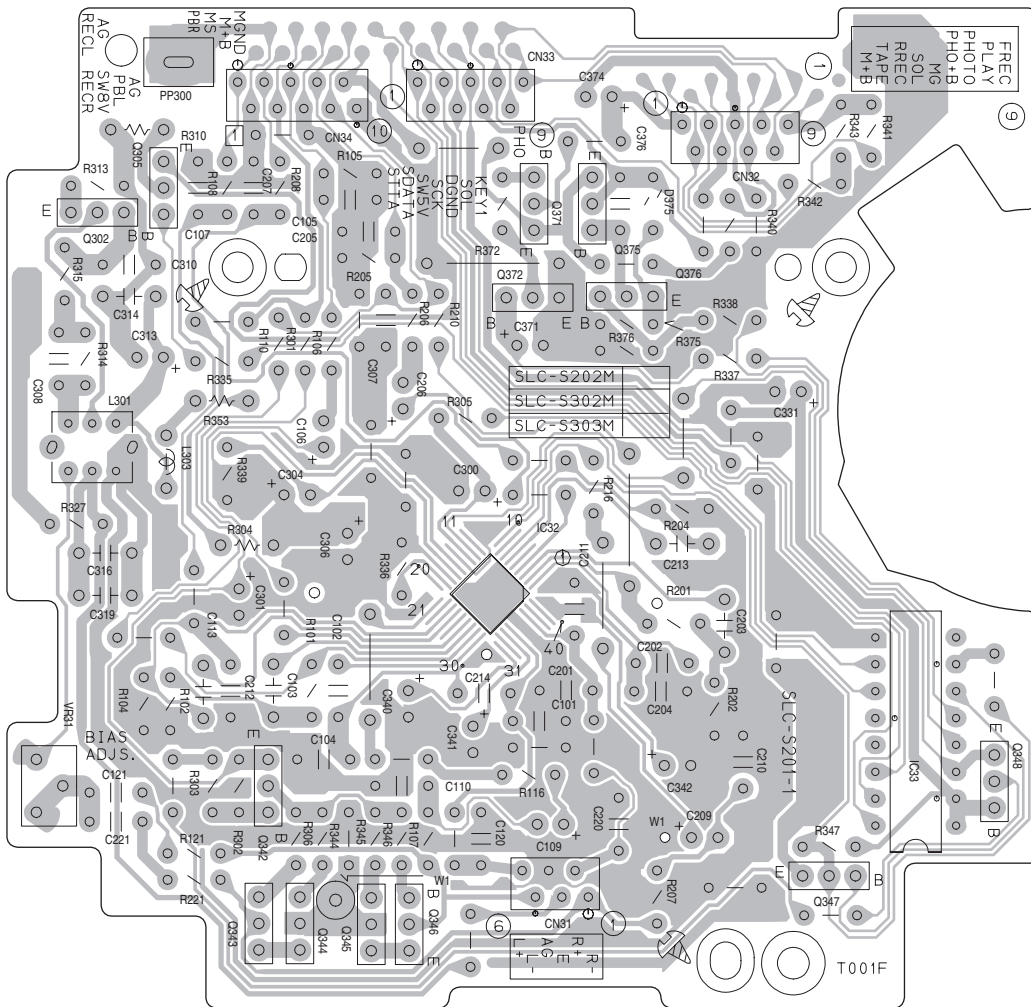
(Joint board)



■ Cassette switch board



■ Head amplifier board



JVC

Victor Company of Japan, Limited

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

(No.MB338SCH)



Printed in Japan
VPT