

JVC

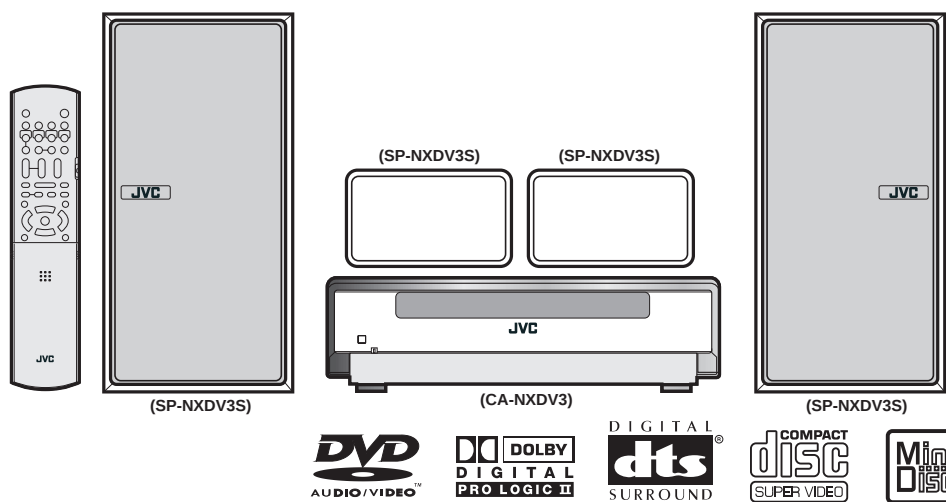
SERVICE MANUAL

COMPACT COMPONENT MD SYSTEM

NX-DV3

Area suffix

UB ----- Hong Kong
UJ ----- U.S.Military



MDLP

AV COMPU LINK
Digital Direct Progressive Scan

TABLE OF CONTENTS

1	PRECAUTION.....	1-4
2	SPECIFIC SERVICE INSTRUCTIONS.....	1-7
3	DISASSEMBLY	1-8
4	ADJUSTMENT	1-35
5	TROUBLESHOOTING	1-41

SPECIFICATION

MD/DVD receiver (CA-NXDV3)

Amplifier	Output power	Front	30 W + 30 W at 4 Ω (10% THD)
		Surround	30 W + 30 W at 4 Ω (10% THD)
	Input terminals	Analog	AUX×1, 500 mV/47 kΩ
		Digital	Digital optical input × 2 -23 dBm to -15 dBm (Optical square terminal) (Compatible with frequency of 32 kHz 44.1 kHz and 48 kHz)
	Output terminals	Analog	Front speaker×2 Impedance 4 Ω - 16 Ω Surround speaker×2 Impedance 4 Ω - 16 Ω Headphone (×1) Impedance 16 Ω - 1 kΩ Sub woofer×1
		Digital	DVD/CD optical output × 1 -23 dBm to -15 dBm (Optical square terminal)
		Other	AV COMPU LINK × 2 (Ø 3.5) VIDEO × 1 S-VIDEO × 1 COMPONENT × 1
Tuner	Frequency	FM	87.50 MHz - 108.00 MHz
		AM	531 kHz - 1710 kHz (9kHz STEP) 530 kHz - 1710 kHz (10kHz STEP)
Antenna	FM		75 Ω Unbalanced
	AM		Loop antenna
Timer	Timer Format		1 Program behavior (switch between ONCE REC and DAILY)
	Sleep timer		10, 20, 30, 60, 90, 120, 150 minutes (Auto dimmer)
	Clock display		24-hour format
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)
MD recorder	Audio playing system		MiniDisc digital audio system
	Recording system		Magneto-optical overwrite system
	Reading system		Non-contact, semiconductor laser pickup
	Recording/Playback time (when using an 80-minute MD)	SP	80 minutes
		LP2	160 minutes
		LP4	320 minutes
	Sampling frequency		44.1 kHz
	Audio compression system		ATRAC (Adaptive Transform Acoustic Coding)/ATRAC3 (MDLP)
Number of channels		2 channel, stereo	
General	Power source		AC 220 V , 50 Hz
	Power consumption		30 W (at operation) 1.3 W (on standby, display off)
	Dimensions		260 mm (W) × 80 mm (H) × 358 mm (D)
	Mass (approx.)		3.8 kg

Speaker

Front (SP-NXDV3F)	System	2-way bass reflex type Magnetically shielded type
	Speakers	Woofer: 10 cm × 1 Tweeter: 4 cm × 1
	Power handling capacity	30 W
	Impedance	4 Ω
	Frequency range	56 Hz - 40 kHz
	Sound pressure level	85 dB/W·m
	Dimensions	125 mm (W) × 251 mm (H) × 188 mm (D)
	Mass (approx.)	2.1 kg (1 unit)
Center/surround (SP-NXDV3S)	System	1-way bass reflex type,
	Speakers	Magnetically shielded type 5.5 cm × 1
	Power handling capacity	30 W
	Impedance	4 Ω
	Frequency range	85 Hz - 20 kHz
	Sound pressure level	78 dB/W·m
	Dimensions	120 mm (W) × 70 mm (H) × 93 mm (D) (242 mm (W) × 81 mm (H) × 97 mm (D)*1)
	Mass (approx.)	0.45 kg (1 unit) (1.3 kg*1)

*1: When the supplied stand is used (two stands are combined)

- 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 manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (▲) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

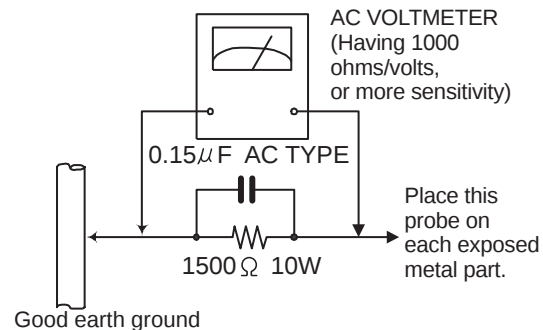
(5) Leakage shock hazard testing

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

- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000Ω per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF 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 "▲" mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.
(This regulation dose not Except the J and C version)

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.

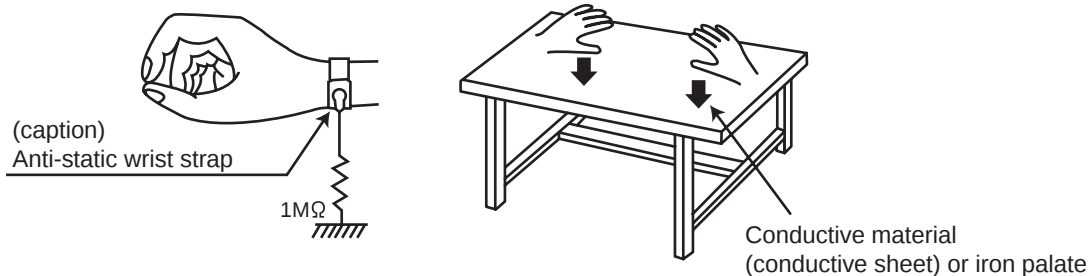
Be careful to use proper grounding in the area where repairs are being performed.

(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.

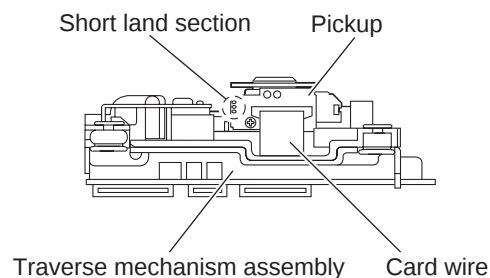
1.6 Handling the traverse unit (optical pickup)

- (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 alttiina 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 alttiina näkyvälle ja näkymättömälle lasersäteilylle. Vältä säteen kohdistumista suoraan itseesi. (f)
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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 alttiina 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 metal cover (See Figs.1 to 3)

- (1) From the both sides of the main body, remove the four screws **A** attaching the metal cover. (See Figs.1 and 2)
- (2) From the back side of the main body, remove the two screws **B** attaching the metal cover to the rear cover. (See Fig.3)
- (3) Take out the metal cover.

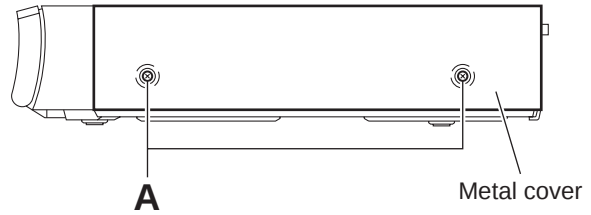


Fig.1

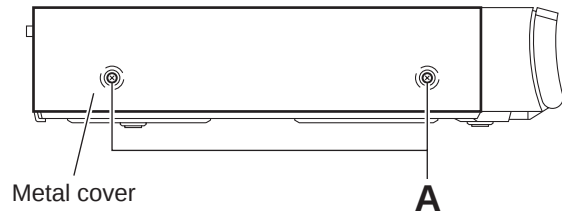


Fig.2

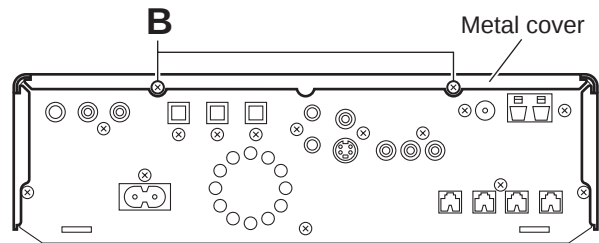


Fig.3

3.1.2 Removing the rear panel (See Fig.4)

- Prior to performing the following procedure, remove the metal cover.
- (1) From the back side of the main body, remove the thirteen screws **C** and screw **D** attaching the rear panel.
- (2) Release the two joints **a**, and take out the rear panel.

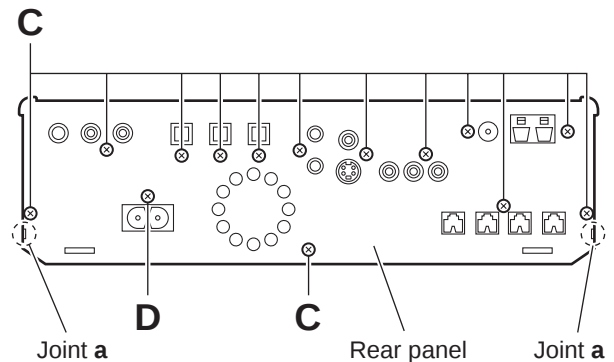


Fig.4

3.1.3 Removing the front panel assembly (See Figs.5 and 6)

- Prior to performing the following procedure, remove the metal cover.
 - (1) From the top side of the main body, disconnect the card wire from the connector CN703 on the micon board. (See Fig.5)
 - (2) From the bottom side of the main body, remove the three screws **E** attaching the front panel assembly. (See Fig.6)
 - (3) Release the joints **b** and **c** attaching the front panel assembly. (See Fig.6)
 - (4) Take out the front panel assembly from the main body forward.

3.1.4 Removing the tuner (See Figs.5 and 7)

- Prior to performing the following procedure, remove the metal cover.
 - (1) From the top side of the main body, disconnect the card wire from the connector CN761 on the micon board. (See Fig.5)
 - (2) From the back side of the main body, remove the two screws **F** attaching the tuner to the rear panel. (See Fig.7)
 - (3) Take out the tuner from the main body.

3.1.5 Removing the micon board (See Figs.5 and 7)

- Prior to performing the following procedure, remove the metal cover.

Reference:

Remove the rear panel as required. (Refer to 3.1.2 "Removing the rear panel")

- (1) From the back side of the main body, remove the five screws **G** attaching the micon board. (See Fig.7)
- (2) From the top side of the main body, remove the four screws **H** attaching the micon board. (See Fig.5)
- (3) Disconnect the parallel wire from the connector CN401 on the headphone board. (See Fig.5)
- (4) Disconnect the card wires from the connectors (CN211, CN212, CN221, CN701, CN702, CN703 and CN761) on the micon board. (See Fig.5)
- (5) Disconnect the parallel wires from the connectors (CN201, CN222, CN231 and CN751) on the micon board. (See Fig.5)
- (6) Take out the micon board.

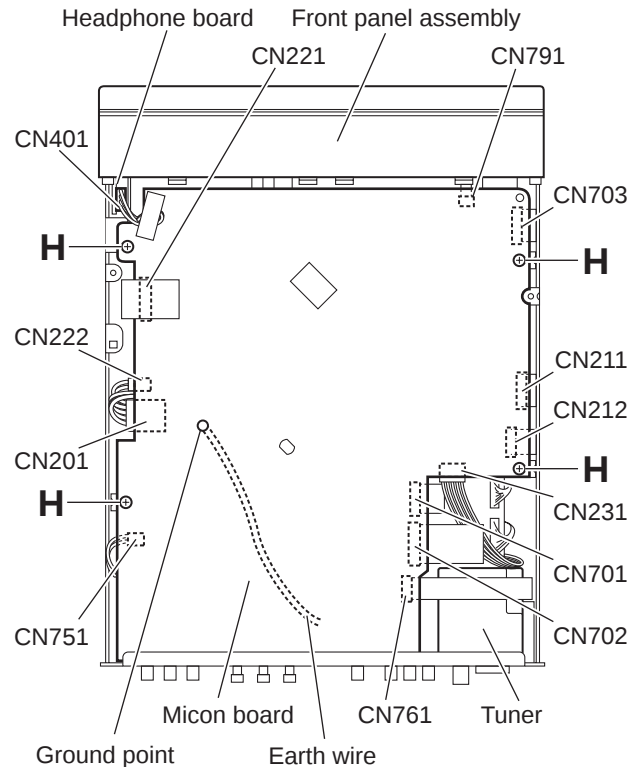


Fig.5

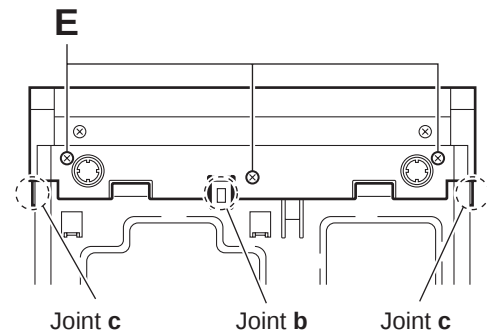


Fig.6

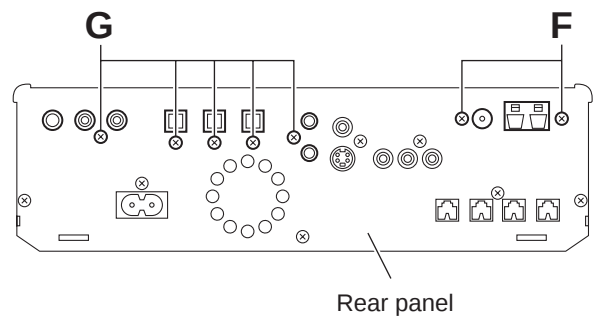


Fig.7

3.1.6 Removing the main board (See Fig.8)

- Prior to performing the following procedures, remove the metal cover, tuner and micon board.
 - (1) From the top side of the main body, remove the screw **J** and screw **K** attaching the main board.
 - (2) Disconnect the card wires from the connectors (CN603 and CN604) on the main board.
 - (3) Disconnect the parallel wires from the connectors (CN605 and CN606) on the main board.

Reference:

When attaching the main board, align the slot of it with the projection **d** of the main body.

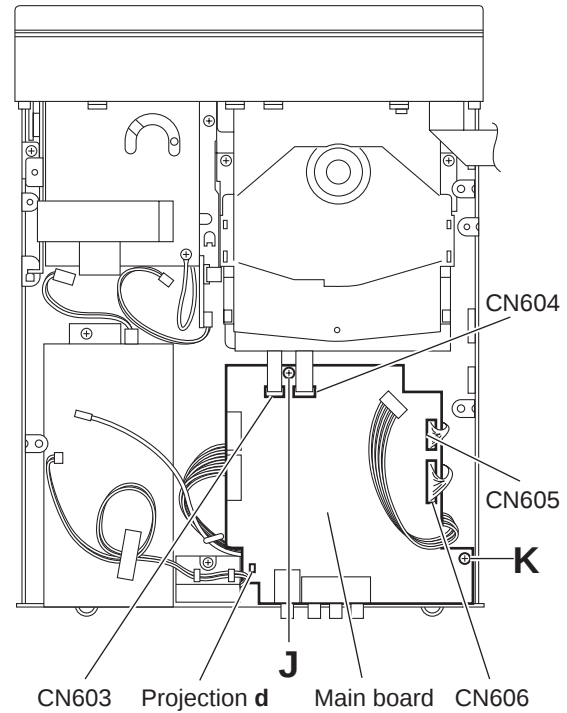


Fig.8

3.1.7 Removing the speaker terminal board (See Fig.9)

- Prior to performing the following procedures, remove the metal cover, tuner, micon board and main board.
- (1) From the top side of the main body, remove the screw **L** attaching the speaker terminal board.
- (2) Disconnect parallel wire from the connector CN381 on the speaker terminal board.
- (3) Take out the speaker terminal board.

Reference:

After attaching the speaker terminal, fix the parallel wire with the wire clamp as before.

3.1.8 Removing the amplifier board (See Figs.9 to 12)

- Prior to performing the following procedures, remove the metal cover, tuner, micon board and main board.
- (1) From the top side of the main body, remove the two screws **M** and two screws **N** attaching the amplifier assembly. (See Fig.9)
- (2) Disconnect the parallel wire from the connector CN381 on the speaker terminal board, and take out amplifier assembly. (See Fig.9)
- (3) From the bottom side of the amplifier assembly, remove the rubber sheet. (See Fig.10)
- (4) Remove the screw **P** attaching the heat sink, and take out the heat sink. (See Fig.10)

Caution:

After attaching the heat sink, put the rubber sheet on the heat sink as before.

- (5) From the both sides of the amplifier assembly, release the joints **e**, and take out the amplifier board. (See Figs.10 and 11)

Reference:

After attaching the amplifier assembly, fix the parallel wire with the wire clamp as before.

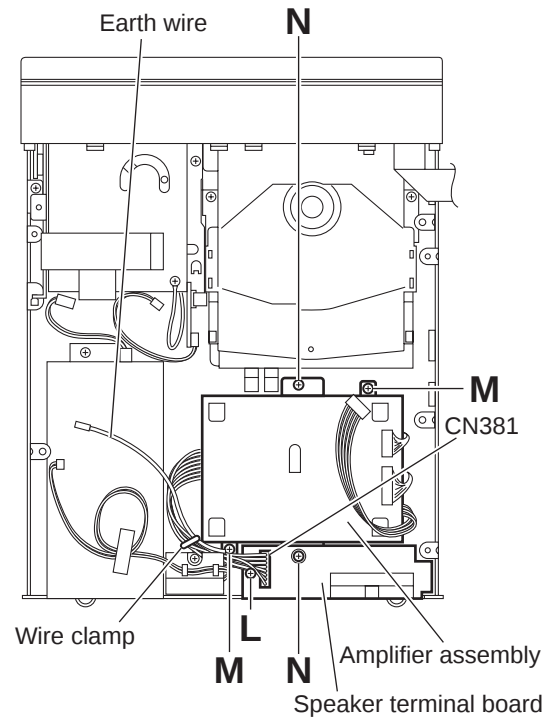


Fig.9

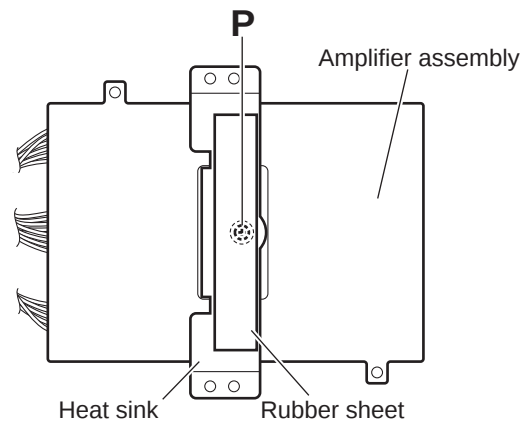


Fig.10

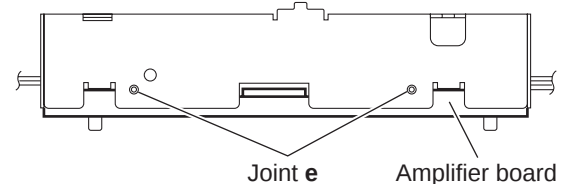


Fig.11

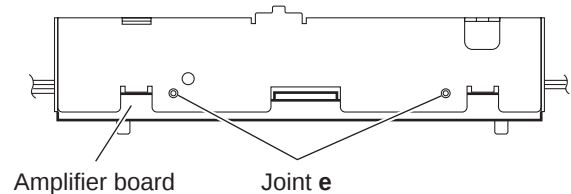


Fig.12

3.1.9 Removing the fan motor (See Fig.13)

- Prior to performing the following procedures, remove the metal cover, rear panel, tuner and micon board.

Reference:

Remove the main board as required. (Refer to 3.1.6 "Removing the main board")

- (1) From the top side of the main body, remove the screw **Q** attaching the fan motor.
- (2) Remove the tape attaching the fan wire to the SW power unit.
- (3) Take out the fan motor.

Reference:

- When attaching the screw **Q**, attach it with the wire clamp.
- After attaching the fan motor, fix the fan wire with the new tape.

3.1.10 Removing the SW power unit (See Fig.13)

- Prior to performing the following procedures, remove the metal cover, rear panel, tuner and micon board.

- (1) From the top side of the main body, remove the screw **R** attaching the SW power unit.
- (2) Remove the tape attaching the fan wire to the SW power unit.
- (3) Take out the SW power unit.

Reference:

After attaching the fan motor, fix the fan wire with the new tape.

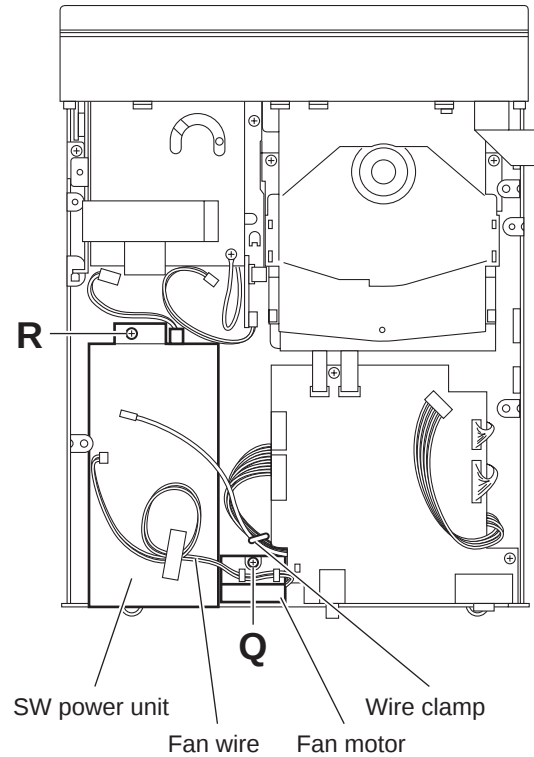


Fig.13

3.1.11 Removing the DVD mechanism assembly (See Fig.14)

- Prior to performing the following procedures, remove the metal cover, front panel assembly and micon board.
 - From the top side of the main body, disconnect the card wires from the connectors (CN603 and CN604) on the main board.
 - Disconnect the card wire from the connector CN291 on the holder board.
 - Remove the three screws **S** attaching the DVD mechanism assembly.
 - Take out the DVD mechanism assembly.

3.1.12 Removing the MD mechanism assembly (See Figs.14 to 16)

- Prior to performing the following procedures, remove the metal cover, front panel assembly and micon board.
 - From the top side of the main body, disconnect the card wire from the connector CN291 on the holder board. (See Fig.14)
 - Remove the two screws **T** attaching the MD mechanism assembly, and take out the MD mechanism assembly with MD bracket. (See Fig.14)
 - From the left side of the MD mechanism assembly, remove the two screws **U** attaching the MD bracket L to the MD mechanism assembly. (See Fig.15)
 - From the right side of the MD mechanism assembly, remove the two screws **V** attaching the MD bracket R to the MD mechanism assembly. (See Fig.16)

Reference:

When attaching the MD mechanism assembly, align it with the slot **f** and slot **g** of the main body. (See Fig.14)

3.1.13 Removing the holder board (See Fig.15)

- Prior to performing the following procedures, remove the metal cover, front panel assembly, micon board and MD mechanism assembly.
 - From the left side of the MD mechanism assembly, remove the screw **W** attaching the holder board to the MD bracket L.
 - Disconnect the card wire from the connector CN292 on the holder board.
 - Take out the holder board.

3.1.14 Removing the headphone board (See Fig.16)

- Prior to performing the following procedures, remove the metal cover, front panel assembly, micon board and MD mechanism assembly.
 - From the right side of the MD mechanism assembly, remove the screw **X** attaching the headphone board to the MD bracket R.
 - Take out the headphone board.

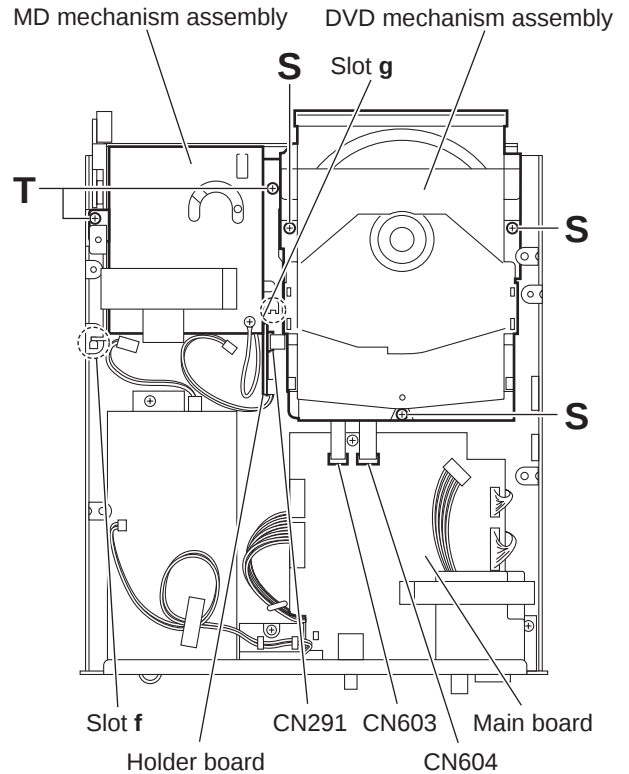


Fig.14

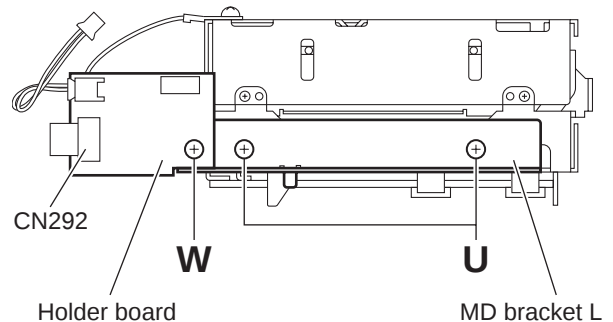


Fig.15

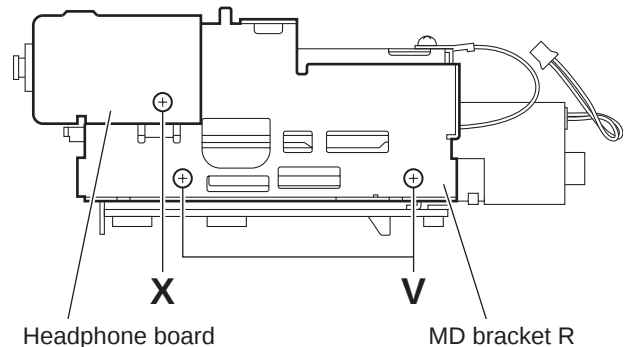


Fig.16

3.1.15 Removing the FL board

(See Fig.17)

- Prior to performing the following procedures, remove the metal cover and front panel assembly.
 - (1) From the inside of the front panel assembly, remove the eight screws **Y** attaching the FL board.
 - (2) Disconnect the connector CN881 on the FL board from the SW board, and take out the FL board from the front panel assembly.

Reference:

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

3.1.16 Removing the LED assembly

(See Figs.17 to 19)

- Prior to performing the following procedures, remove the metal cover and front panel assembly.
 - (1) From the bottom side of the front panel assembly, remove the two screws **Z** attaching the LED assembly. (See Fig.18)
 - (2) From the inside of the front panel assembly, remove the two screws **AA** and six screws **AB** attaching the LED assembly. (See Fig.17)
 - (3) Release the claws **h** and claws **i** of the LED assembly. (See Fig.19)
 - (4) Take out the LED assembly from the front panel assembly.

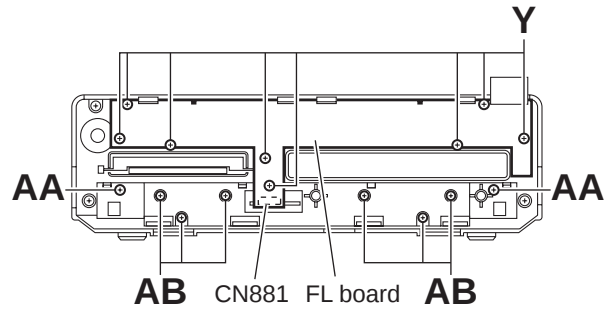


Fig.17

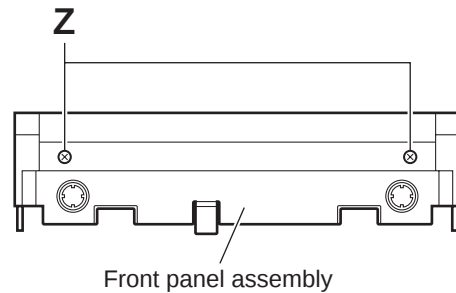


Fig.18

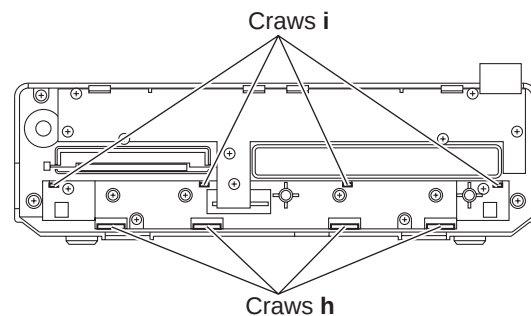


Fig.19

3.1.17 Removing the SW board (See Figs.20 and 21)

- Prior to performing the following procedures, remove the metal cover, front panel assembly and LED assembly.
 - (1) From the inside of the LED assembly, remove the four screws **AC** attaching the stopper boards. (See Fig.20)
 - (2) Take out the stopper boards. (See Fig.20)
 - (3) Take out the SW board from the front panel assembly. (See Fig.21)

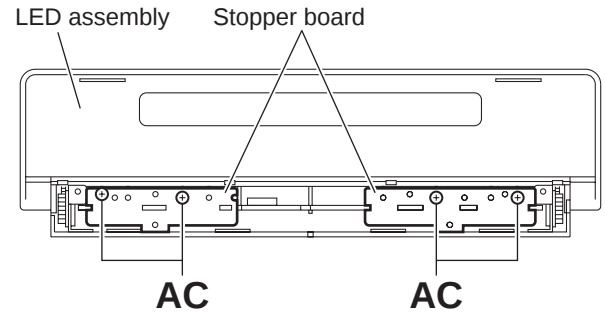


Fig.20

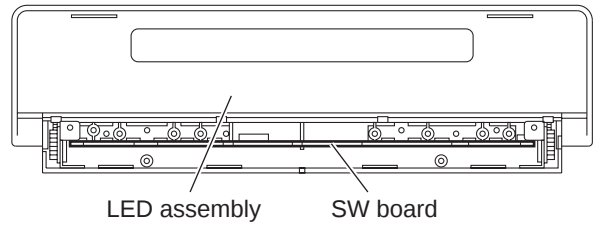


Fig.21

3.2 DVD mechanism assembly section

- Prior to performing the following procedure "Removing the DVD mechanism assembly".

3.2.1 Removing the DVD cover

(See Fig.1)

- (1) From the top side of the DVD mechanism assembly, remove the two screws **A** attaching the DVD cover.
- (2) Lift up the DVD cover upward, then remove it from the projections **a** of the DVD assembly.
- (3) Move the DVD cover in the direction of the arrow, and release it from the joints **b** of the DVD assembly.
- (4) Take out the DVD cover.

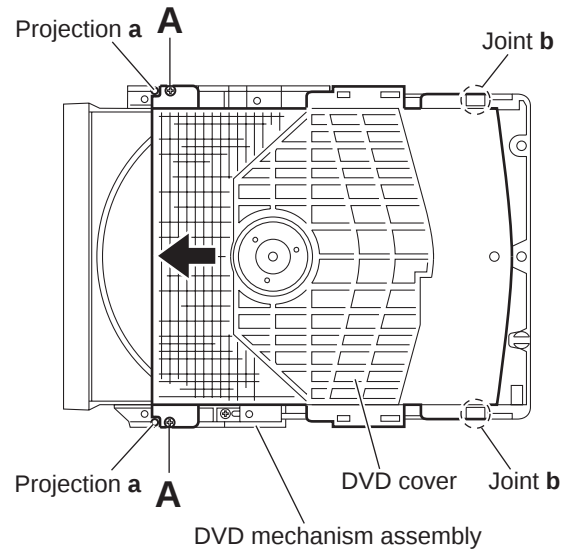


Fig.1

3.2.2 Removing the tray assembly

(See Figs.2 and 3)

- Prior to performing the following procedures, 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.2)
 - (2) From the top side of the DVD mechanism assembly, remove the two screws **B** attaching the tray assembly. (See Fig.2)
 - (3) Remove the bushing of the tray assembly from the projections **c** on the DVD mechanism assembly, and take out the tray assembly. (See Fig.3)

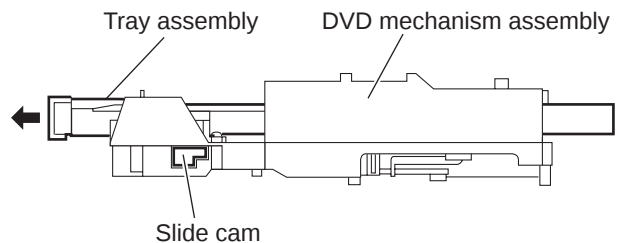


Fig.2

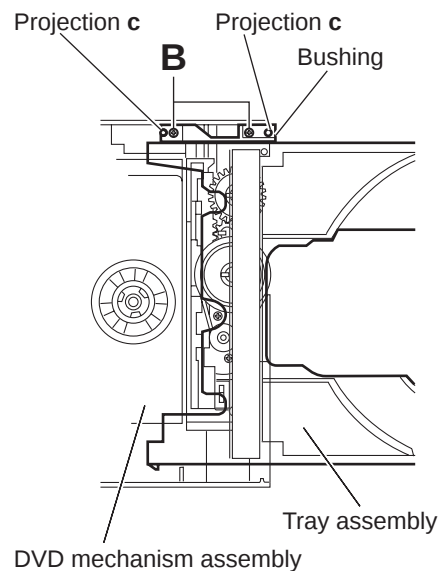


Fig.3

3.2.3 Removing the traverse mechanism assembly (See Figs.4)

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

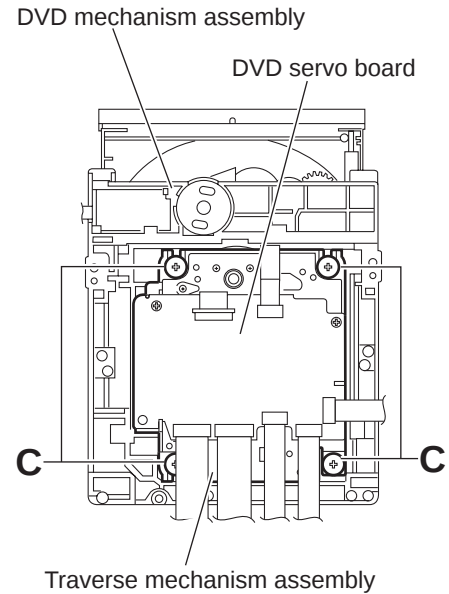


Fig.4

3.2.4 Removing the DVD servo board (See Figs.5 and 6)

- Prior to performing the following procedures, remove the traverse mechanism assembly.
- (1) From the side of the traverse mechanism assembly, solder the short land sections **d** on the pickup. (See Fig.5)
- (2) From the bottom side of the traverse mechanism assembly, release the lock of the connector [CN101](#) on the DVD servo board in the direction of the arrow 1 and disconnect the card wire. (See Fig.6)

Caution:

- Solder the short land sections **d** on the pickup before disconnecting the card wire from the connector [CN101](#) on the DVD servo board. If the card wire is disconnected without attaching solder, the pickup may be destroyed by static electricity. (See Figs.5 and 6)
 - When attaching the DVD servo board, be sure to remove solders from the short land sections **d** after connecting the card wire to the connector [CN101](#) on the DVD servo board. (See Figs.5 and 6)
- (3) Disconnect the card wire from the connector [CN201](#) on the DVD servo board. (See Fig.6)
 - (4) Remove the two screws **D** attaching the DVD servo board. (See Fig.6)
 - (5) Remove the DVD servo board from the projection **e** in the direction upward and remove the claw **g** in the direction 3 while removing the claw **f** in the direction of the arrow 2. (See Fig.6)

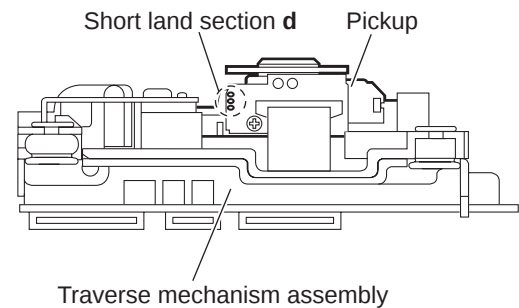


Fig.5

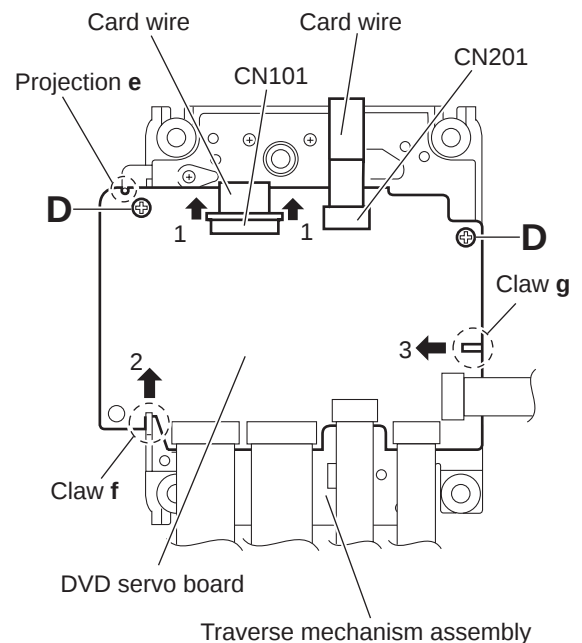


Fig.6

3.2.5 Removing the pickup (See Figs.5, 7 to 9)

- Prior to performing the following procedures, remove the traverse mechanism assembly.

- (1) From the side of the traverse mechanism assembly, solder the short land sections **d** on the pickup. (See Fig.5)
- (2) Release the lock of the connector on the pickup in the direction of the arrow and disconnect the card wire. (See Fig.7)

Caution:

- Solder the short land sections **d** 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.5 and 7)
 - When attaching the pickup, be sure to remove solders from the short land sections **d** after connecting the card wire to the connector on the pickup. (See Figs.5 and 7)
- (3) Remove the screw **E** attaching the plate and thrust spring. (See Fig.7)
 - (4) Remove the joint **h** attaching the plate to the feed holder and remove the plate with the thrust spring. (See Fig.7)
 - (5) Remove the shaft of the pickup from the section **i** on the traverse mechanism assembly and remove the shaft from the section **j** while moving it in the direction of the arrow. (See Fig.8)
 - (6) Remove the pickup from the section **k** of the traverse mechanism assembly and take out the pickup with the shaft. (See fig.8)
 - (7) From the bottom side of the pickup, remove the two screws **F** attaching the SW actuator and LEAD spring. (See Fig.9)
 - (8) Pull the shaft out of the pickup. (See Fig.9)

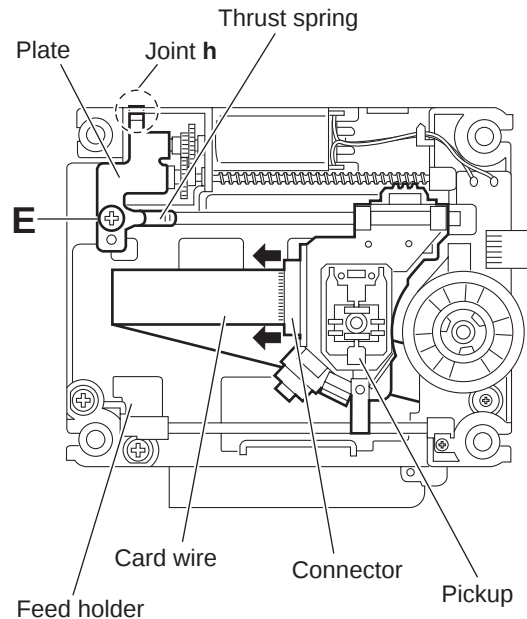


Fig.7

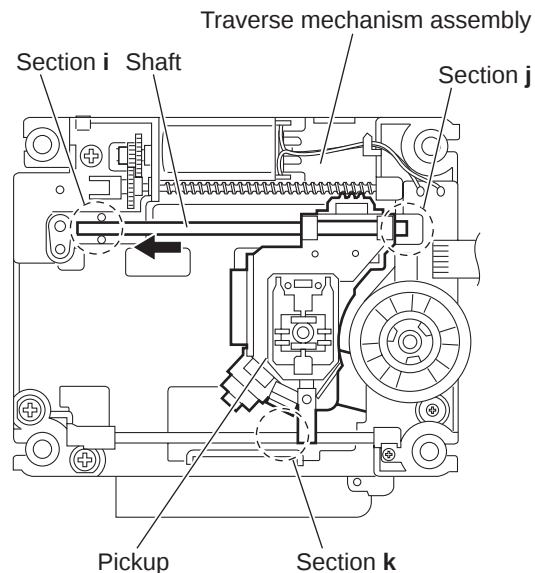


Fig.8

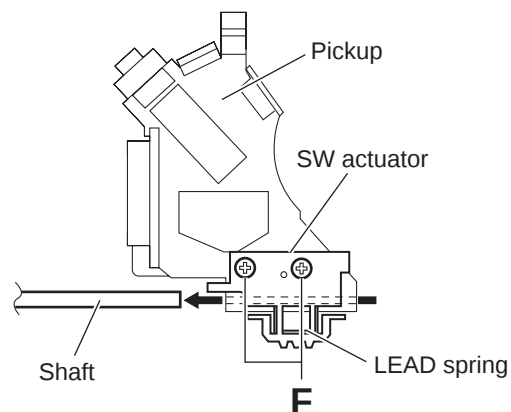


Fig.9

3.2.6 Attaching the pickup (See Figs.5, 7 to 10)

- See "3.2.5 Removing the pickup".
 - (1) Attach the shaft, SW actuator and LEAD spring to the pickup. (See Fig.9)
 - (2) Align the pickup to the section **k** of the traverse mechanism assembly first, and set the both ends of the shaft of the pickup in the sections **i** and **j** of the traverse mechanism assembly. (See Fig.8)
 - (3) Attach the plate and thrust spring. (See Fig.7)
 - (4) Remove solders from the short land sections **d** after connecting the card wire to the connector on the pickup. (See Figs.5 and 7)
 - (5) Turn the feed gear M in the direction of the arrow 1 to move the pickup in the direction of the arrow 2. (See Fig.10)

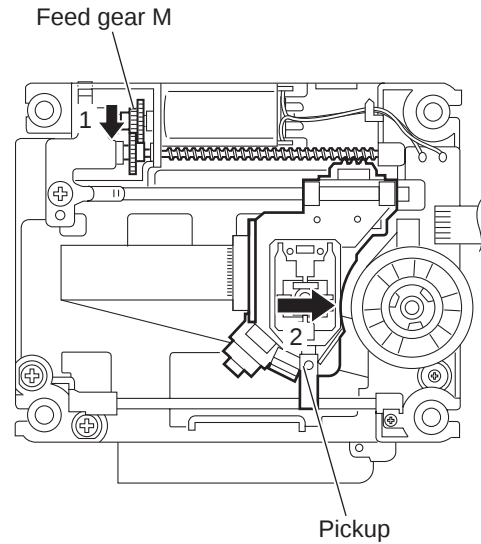


Fig.10

3.2.7 Removing the feed motor (See Figs.11 to 13)

- Prior to performing the following procedures, remove the traverse mechanism assembly.

- (1) From the top side of the traverse mechanism assembly, remove the screw **G** attaching the plate and thrust spring. (See Fig.11)
- (2) Remove the joint **m** attaching the plate to the feed holder and remove the plate with the thrust spring. (See Fig.11)
- (3) Remove the wires from the soldered section **n** on the spindle motor board. (See Fig.12)

Reference:

When attaching the feed motor, pass the wire through the section **p** on the spindle base. (See Fig.12)

- (4) Remove the feed holder, feed motor, lead screw, feed gear E and feed gear M at the same time after removing the three screws **H** attaching the feed holder. (See Fig.12)
- (5) From the side of the feed holder, remove the two screws **J** attaching the feed motor. (See Fig.13)

3.2.8 Removing the spindle motor board (See Figs.12 and 14)

- Prior to performing the following procedures, remove the traverse mechanism assembly and DVD servo board.

- (1) From the top side of the traverse mechanism assembly, remove the wires from the soldered section **n** on the spindle motor board. (See Fig.12)
- (2) From the bottom side of the traverse mechanism assembly, remove the three screws **K** attaching the spindle motor board. (See Fig.14)

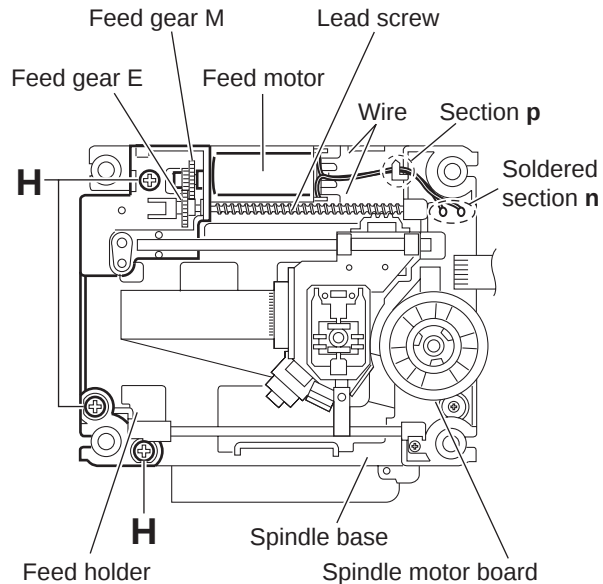


Fig.12

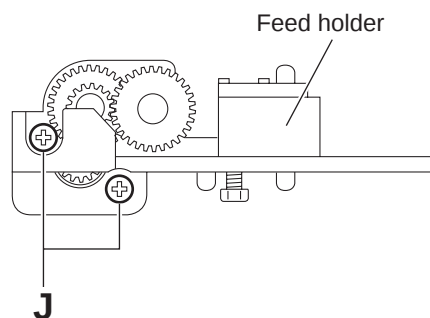


Fig.13

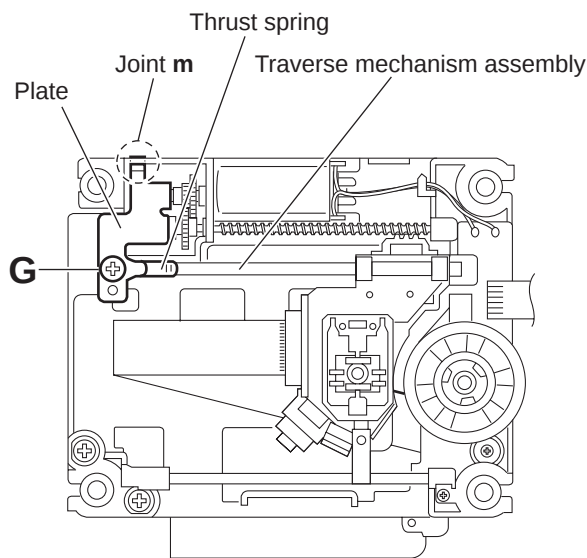


Fig.11

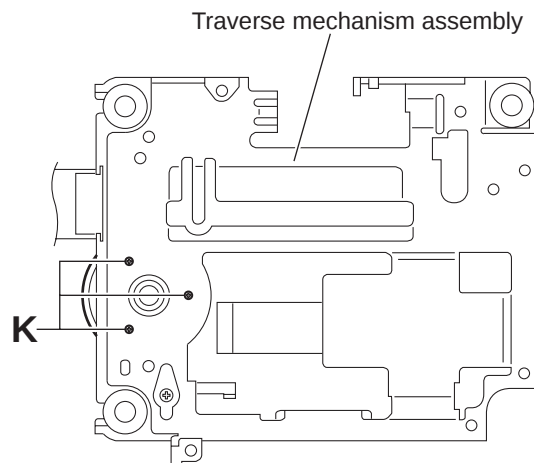


Fig.14

3.2.9 Removing the switch board

(See Fig.15)

- (1) From the bottom side of the DVD mechanism assembly, remove the screw **L** attaching the SW board.
- (2) Disconnect the card wire from the connector **CN1** on the switch board.
- (3) Remove the wires from the soldered section **q** on the switch board.
- (4) Lift the switch board while pressing the claw **r** of the DVD mechanism assembly in the direction of the arrow and remove it from the section **s**.

Reference:

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

3.2.10 Removing the motor

(See Figs.15 and 16)

- Prior to performing the following procedures, remove the DVD cover and tray assembly.
- (1) From the bottom side of the DVD mechanism assembly, remove the wires from the soldered section **q** on the switch board. (See Fig.15)
- (2) From the top side of the DVD mechanism assembly, remove the belt from the motor pulley. (See Fig.16)

Note:

Take care not to attach grease on the belt.

- (3) Remove the two screws **M** attaching the motor to the DVD mechanism assembly and take out the motor from the bottom side of the DVD mechanism assembly. (See Fig.16)

Reference:

Put the wires on the section **t** after attaching the motor to the DVD mechanism assembly. (See Fig.15)

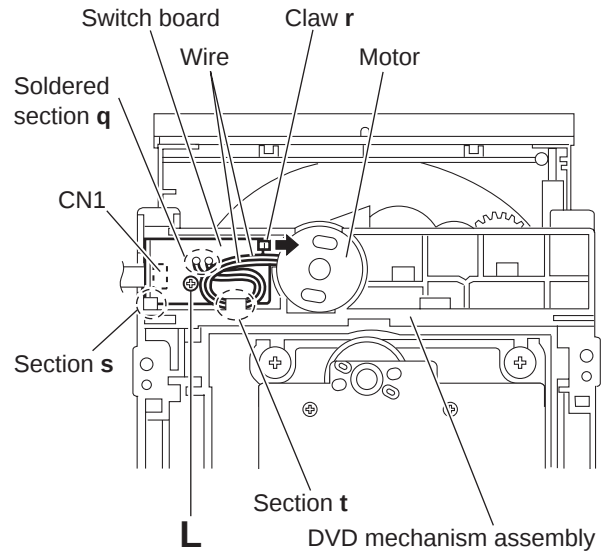


Fig.15

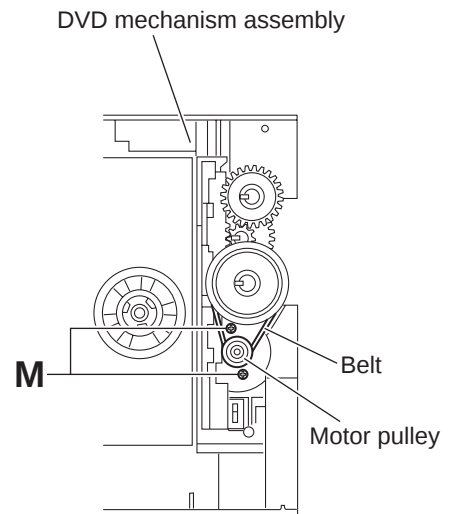


Fig.16

3.3 MD mechanism assembly section

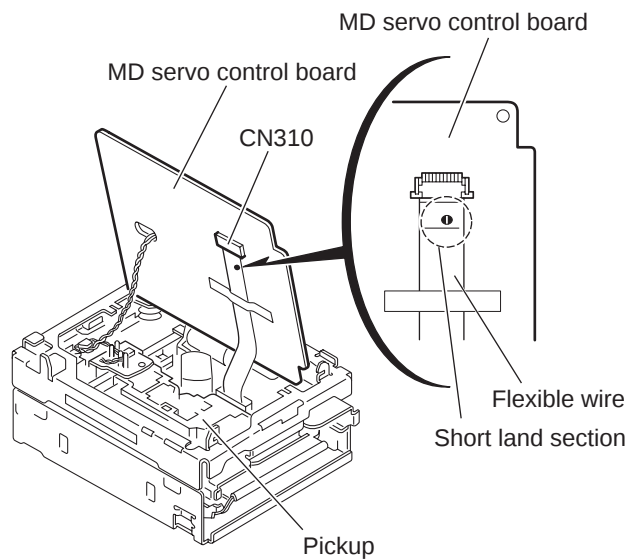
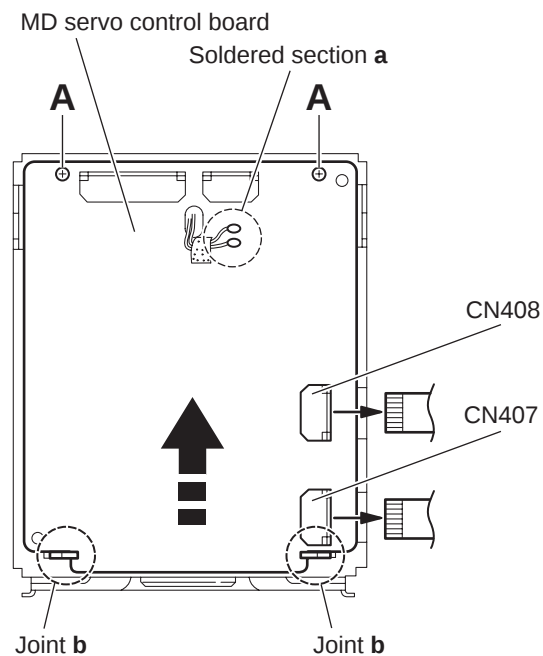
- Prior to performing the following procedure "Removing the MD mechanism assembly".

3.3.1 Removing the MD servo control board (See Figs.1 and 2)

- (1) From the bottom side of the main body, disconnect the card wire from the connector [CN408](#) on the MD servo control board. (See Fig.1)
- (2) Disconnect the flexible wire from the connector [CN407](#) on the MD servo control board. (See Fig.1)
- (3) Remove the wires from the soldered section **a** on the MD servo control board. (See Fig.1)
- (4) Remove the two screws **A** attaching the MD servo control board. (See Fig.1)
- (5) Move the MD servo control board in the direction of the arrow, and remove it from the joints **b** of the single frame. (See Fig.1)
- (6) From the inside of the main body, solder the short land section on the flexible wire. (See Fig.2)

Caution:

- Solder the short land section on the flexible wire before disconnecting the flexible wire from the connector [CN310](#) on the MD servo control board. If the flexible wire is disconnected without attaching solder, the pick-up may be destroyed by static electricity. (See Fig.2)
 - When attaching the MD servo control board, be sure to remove the solders from the short land section after connecting the flexible wire to the connector [CN310](#) on the MD servo control board. (See Fig.2)
- (7) From the reverse side of the MD servo control board, disconnect the flexible wire from the connector [CN310](#) and remove the MD servo control board. (See Fig.2)



3.3.2 Removing the mechanism cover

(See Fig.3)

- (1) From the both sides of the main body, remove the four screws **B** attaching the mechanism cover.
- (2) From the front side of the main body, release the front hook of the mechanism cover from the joint **c** of internal loading assembly.
- (3) Move the mechanism cover toward the front, and take out the mechanism cover in an upward direction.

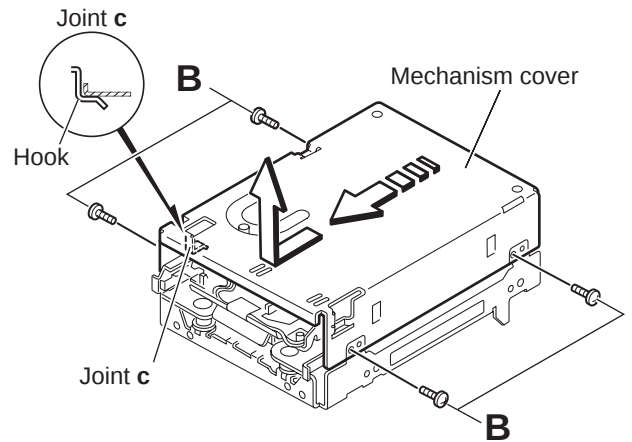


Fig.3

3.3.3 Removing the head lifter (See Figs.4 to 6)

- (1) Remove the head lifter spring from the hook **d** of the main body. (See Fig.4)

Reference:

Remove the head lifter spring from the head lifter as required.

- (2) Move the head lifter in the direction of the arrow, and release the joints **e**. (See Fig.5)
- (3) Remove the spring from the head lifter, and take out the head lifter. (See Fig.6)

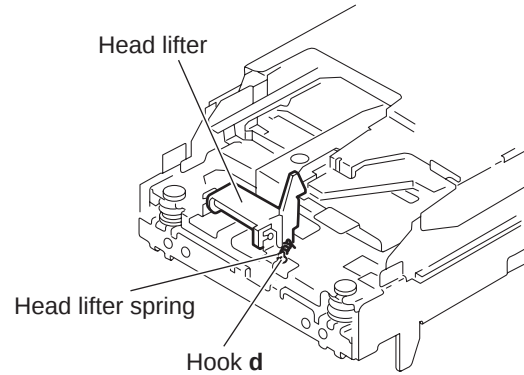


Fig.4

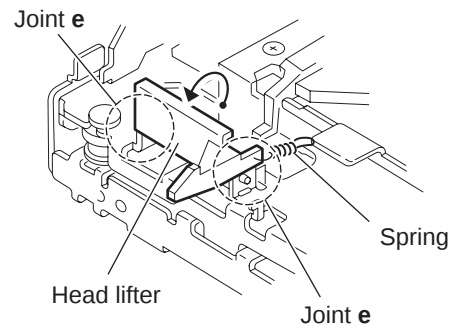


Fig.5

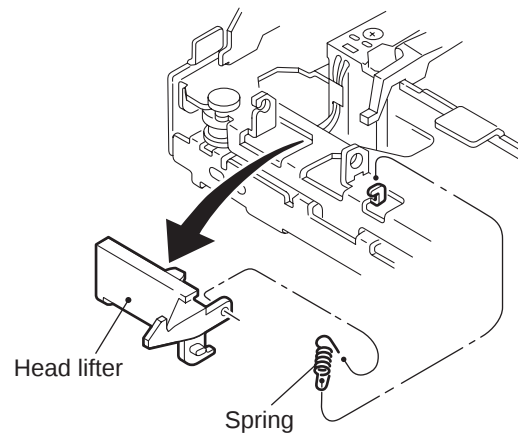


Fig.6

3.3.4 Removing the MD head assembly (See Figs.7 and 8)

- Remove the MD servo control board.
 - (1) From the bottom side of the main body, remove the wire from the H.wire holder 1 of the MD head assembly. (See Fig.7)
 - (2) From the top side of the main body, remove the screw **C** attaching the MD head assembly. (See Fig.8)
 - (3) Take out the MD head assembly in the direction of the arrow. (See Fig.8)

Note:

- When attaching the wire, fix it to the H.wire holder 1 on the bottom side of the pick up. (See Fig.7)
- After attaching the wire, confirm that the rest switch is pressed by the pickup. (See Fig.7)

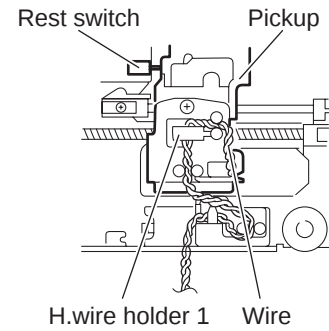


Fig.7

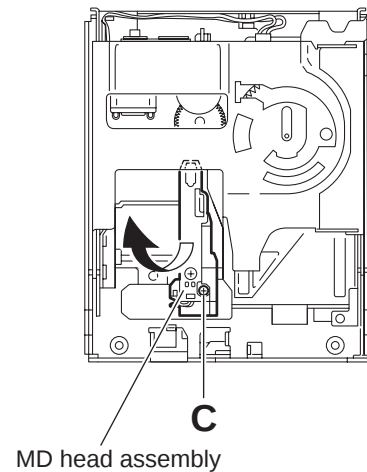


Fig.8

3.3.5 Removing the loading assembly, traverse mechanism assembly and single frame (See Figs.9 and 10)

Reference:

The loading assembly, traverse mechanism assembly and single frame will be removable after removing the loading assembly from the main body.

- Remove the MD servo control board, mechanism cover, head lifter and MD head assembly.
 - (1) From the top side of the main body, remove the three screws **D** attaching the loading assembly. (See Fig.9)
 - (2) Move the loading assembly forward, and release the joint **f** of it from the traverse mechanism assembly. (See Fig.9)
 - (3) Remove the loading assembly in an upward direction, and take out the traverse mechanism assembly from the single frame. (See Fig.10)

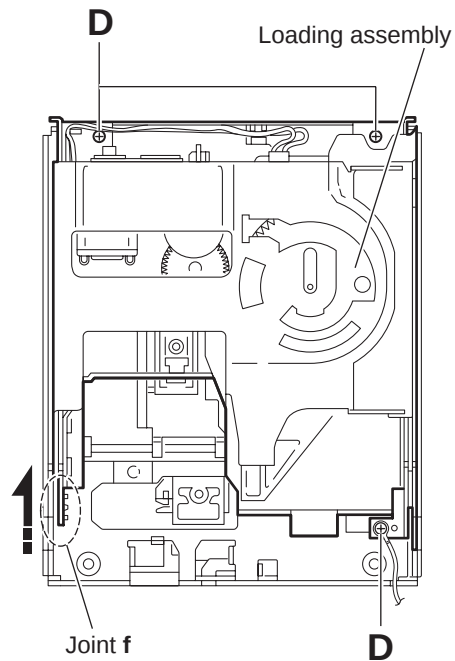


Fig.9

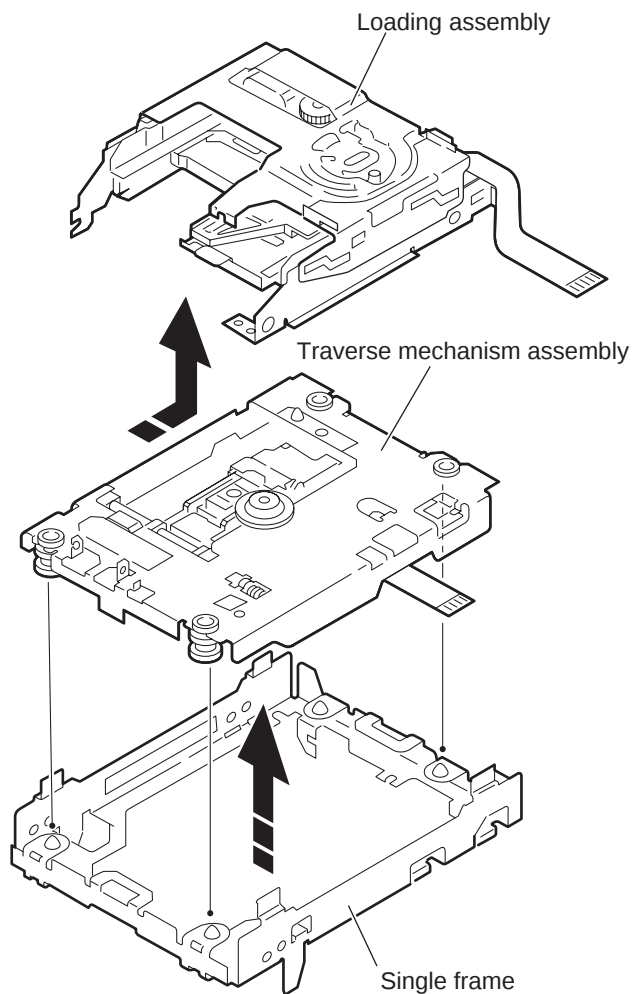


Fig.10

3.3.6 Removing the slide base L and slide base R (See Fig.11)

- Remove the MD servo control board, mechanism cover, head lifter and loading assembly.
 - From the top side of the loading assembly, remove the two screws **E** attaching the slide base L and slide base R.
 - Release the slide base L from the joints **g** of the loading assembly.
 - Take out the slide base R.

Reference:

When attaching the slide base L, fix it to the joints **g** of the loading assembly.

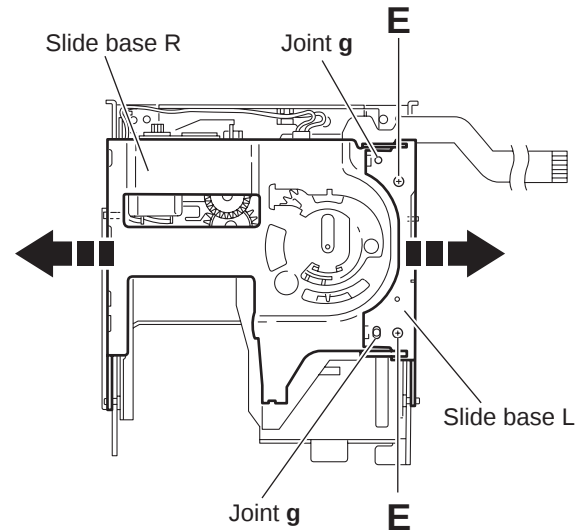


Fig.11

3.3.7 Removing the loading mechanism assembly (See Fig.12)

- Remove the MD servo control board, mechanism cover, head lifter and loading assembly.
 - From the top side of the loading assembly, release the hook **h** of the loading mechanism base.
 - While rifting the loading mechanism assembly, take out it.

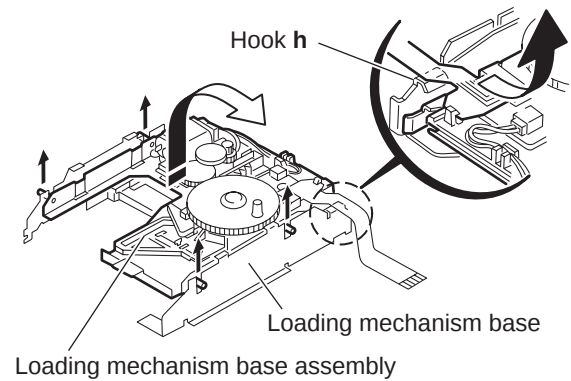


Fig.12

3.3.8 Removing the loading motor (See Figs.13 and 14)

- Remove the MD servo control board, mechanism cover, head lifter, loading assembly and loading mechanism assembly.
 - (1) From the top side of the loading mechanism assembly, disconnect the wire from the connector [CN612](#) on the MD cam switch board. (See Fig.13)
 - (2) Remove the wire from the wire holder. (See Fig.13)
 - (3) Remove the screw **F** attaching the loading motor assembly. (See Fig.13)
 - (4) Release the joint **i** from the loading motor assembly, and take out the loading motor assembly. (See Fig.13)
 - (5) Remove the belt from the loading motor assembly. (See Fig.14)
 - (6) Remove the two screws **G** attaching the loading motor, and take out the loading motor. (See Fig.14)

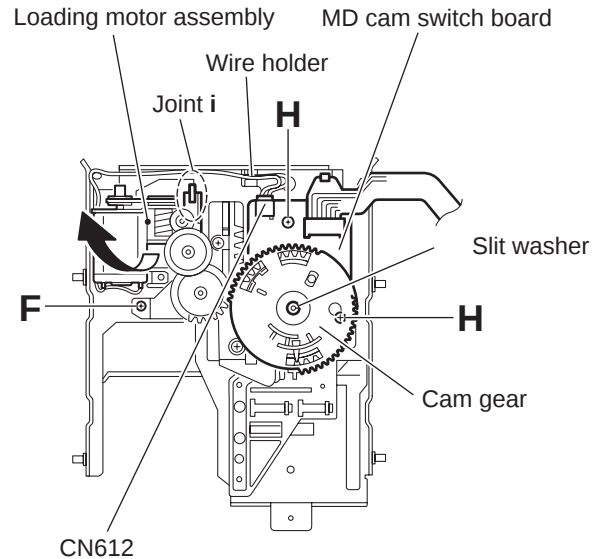


Fig.13

3.3.9 Removing the cam gear and MD cam switch board (See Fig.13)

- Remove the MD servo control board, mechanism cover, head lifter, MD head assembly, loading assembly and loading mechanism assembly.
 - (1) From the top side of the loading mechanism assembly, remove the slit washer attaching the cam gear.
 - (2) Pull out the cam gear from the loading mechanism assembly.
 - (3) Remove the wire from the wire holder, and disconnect the wire from the connector [CN612](#) on the MD cam switch board.
 - (4) Remove the two screws **H** attaching the MD cam switch board, and take out the MD cam switch board.

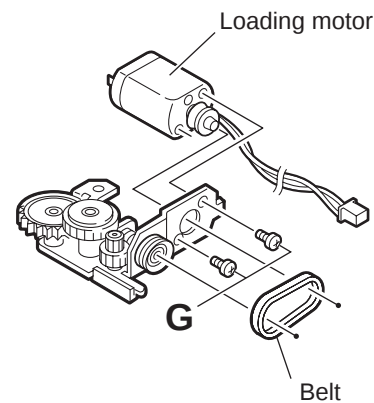


Fig.14

3.3.10 Removing the slide bar and cartridge holder assembly (See Figs.15 and 16)

- Remove the MD servo control board, mechanism cover, head lifter, MD head assembly, loading assembly and loading mechanism assembly.
 - (1) From the top side of the loading assembly, remove the two screws **J** attaching the slide bar to the cartridge holder assembly. (See Figs.15 and 16)
 - (2) Remove the slide bar in an upward direction, and take out the cartridge holder assembly. (See Figs.15 and 16)

3.3.11 Removing the eject bar (See Fig.15)

- Remove the MD servo control board, mechanism cover, head lifter, MD head assembly, loading assembly, loading mechanism assembly and cartridge holder assembly.
 - (1) From the top side of the loading assembly, move the eject bar in the direction of the arrow until it stops.
 - (2) From the bottom side of the main body, push the claw **j** of the cartridge holder assembly.
 - (3) Take out the eject bar from the UD base.

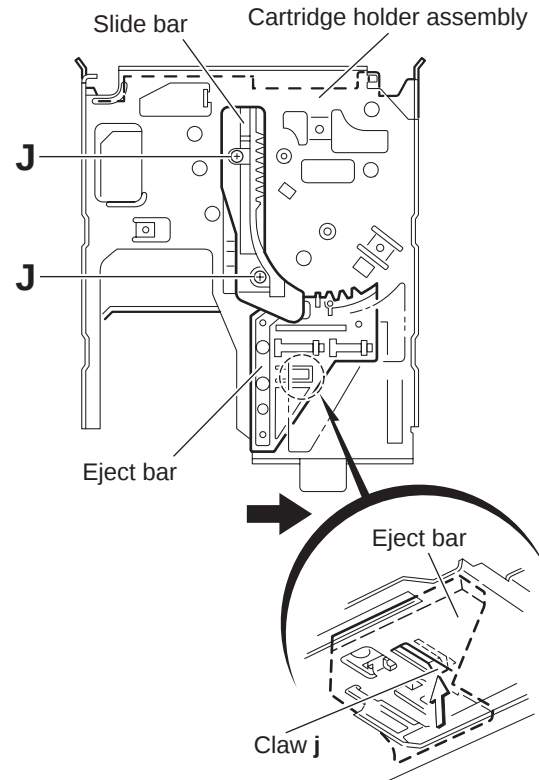


Fig.15

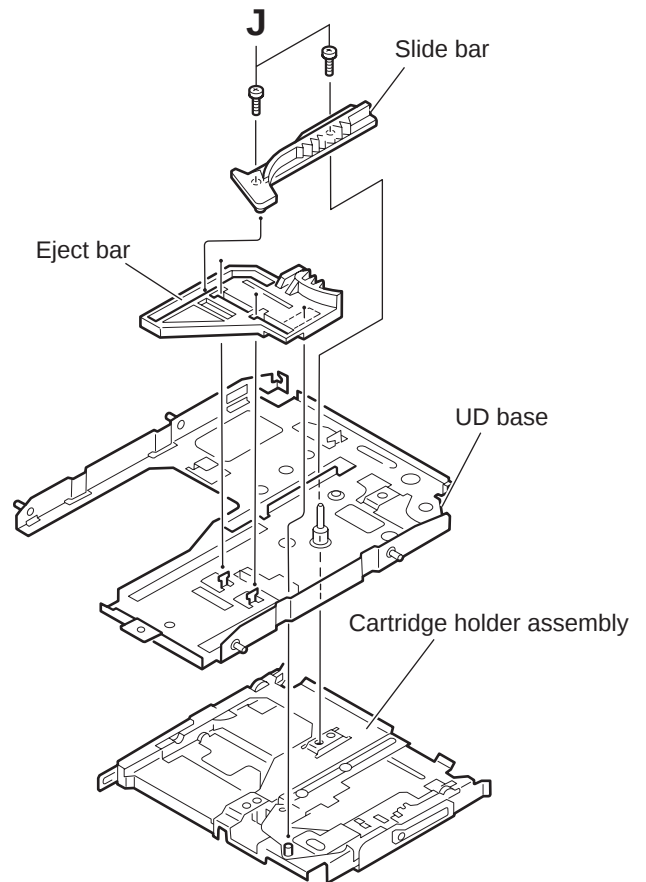


Fig.16

3.3.12 Removing the insulators

(See Fig.17)

- Remove the MD servo control board, mechanism cover, head lifter, MD head assembly and traverse mechanism assembly.
 - (1) From top side of the traverse mechanism assembly, remove the four insulators from the notches of the traverse mechanism chassis.
 - (2) Take out the insulators.

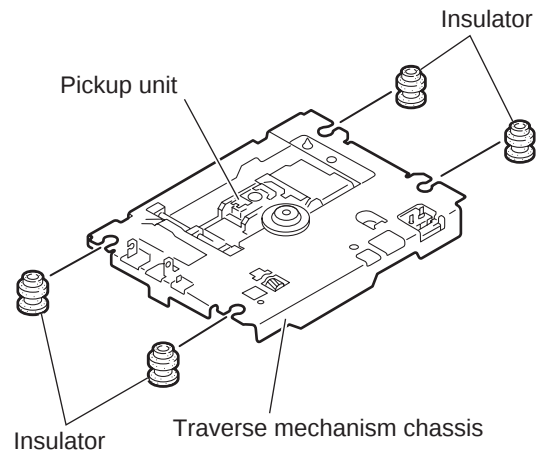


Fig.17

3.3.13 Removing the pickup unit

(See Fig.18)

- Remove the MD servo control board, mechanism cover, head lifter, MD head assembly, traverse mechanism assembly and insulators.
 - (1) From the reverse side of the traverse mechanism assembly, remove the screw **K** attaching the shaft holder **F**.
 - (2) Move the guide shaft in the direction of the arrow, and remove it from the shaft holder **R**.
 - (3) Move the guide shaft side of the pickup unit, and release the joint **k** with the pickup guide.
 - (4) Take out the pickup unit with the guide shaft in the direction of the arrow.

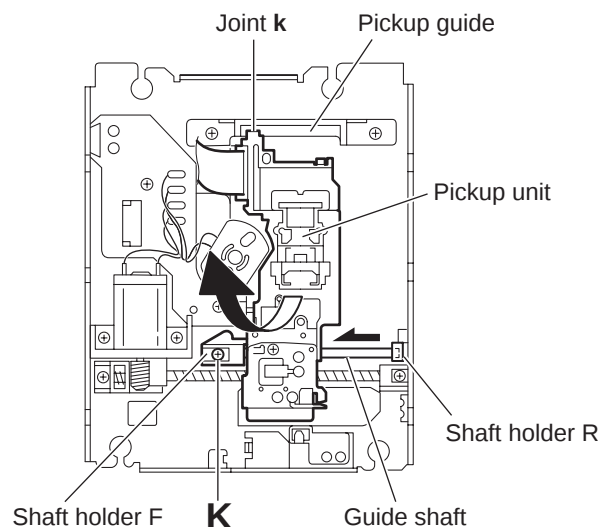


Fig.18

3.3.14 Removing the pickup

(See Fig.19)

- Remove the MD servo control board, mechanism cover, head lifter, MD head assembly, traverse mechanism assembly, insulators and pickup unit.
 - (1) From the top side of the pickup unit, pull out the guide shaft from the pickup.
 - (2) Remove the two screws **L** attaching the rack spring to the pickup.

Caution:

- Solder the short land section on the flexible wire before disconnecting the flexible wire from the pickup. If the flexible wire is disconnected without attaching solder, the pickup may be destroyed by static electricity.
- When attaching the pickup, be sure to remove the solders from the short land section after connecting the flexible wire to the pickup.

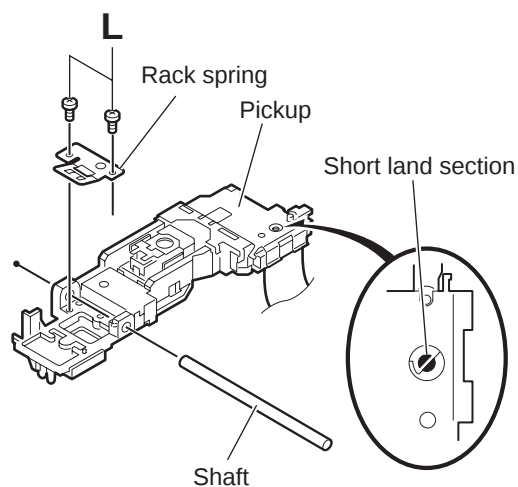


Fig.19

3.3.15 Removing the feed motor assembly (See Figs.20 and 21)

- Remove the MD servo control board, mechanism cover, head lifter, MD head assembly, traverse mechanism assembly and insulators.

Reference:

Remove the pickup unit as required.

- (1) From the reverse side of traverse mechanism assembly, remove the wires (White/Black) of the feed motor assembly from the soldered section **m** on the traverse mechanism board. (See Fig.20)
- (2) Remove the two screws **M** attaching the feed motor assembly. (See Fig.20)
- (3) Remove the two screws **N** attaching the feed motor to the feed motor bracket. (See Fig.21)
- (4) Take out the feed motor.

3.3.16 Removing the traverse mechanism board (See Fig.20)

- Remove the MD servo control board, mechanism cover, head lifter, MD head assembly, traverse mechanism assembly, insulators and feed motor assembly.
- (1) From the reverse side of traverse mechanism assembly, remove the wires (Red/Black) of the spindle motor from the soldered section **n** on the traverse mechanism board.
 - (2) Remove the screw **P** attaching the traverse mechanism board, and take out the traverse mechanism board.

Note:

- It is necessary to move pickup to outer a little with rest switch to interfere if pickup is in the inner when attaching the traverse mechanism board.
- Turn the screw shaft gear when moving pickup.

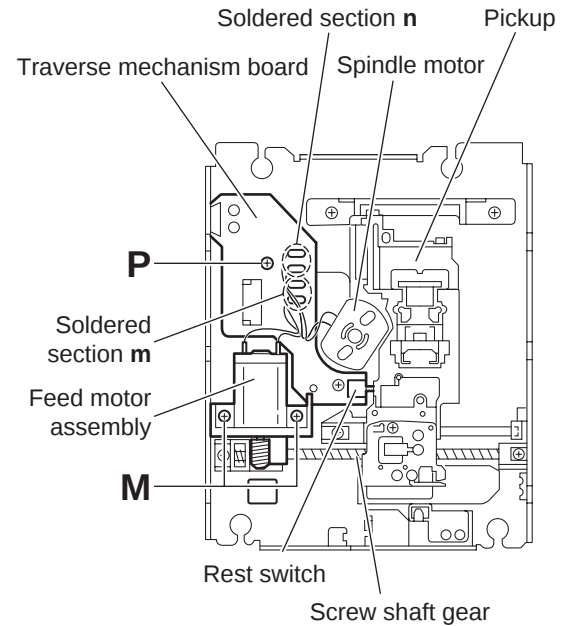


Fig.20

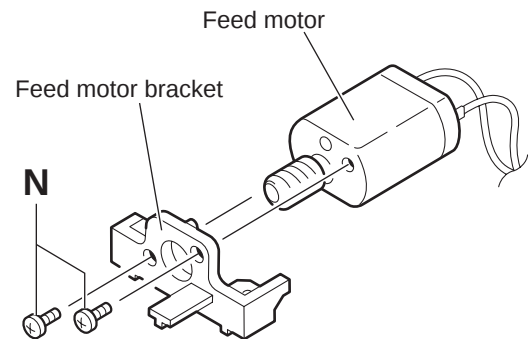


Fig.21

3.3.17 Reattaching the loading assembly

(See Figs.22 to 29)

- (1) Reattach the eject bar to the UD base. (See Figs.22 and 23)
- (2) Reattach the slide bar to the loading mechanism chassis while fitting the boss **p** of the slide bar to the groove of the eject bar. (See Fig.22)
- (3) Move the slide bar and eject bar in the direction of the arrow, and reattach the cartridge holder assembly with the two screws **Q**. (See Figs.22 and 23)

Note:

Make sure the section **q** of the eject lever is fitted to the slot **r** of the eject bar at the bottom side of the loading mechanism chassis after moving the eject lever and loading slider of the cartridge holder assembly in the direction of the arrow. (See Figs.23 and 24)

- (4) Reattach the wire holder to the UD base while passing the hook **s** of the UD base through the slot **t** of the wire holder. (See Fig.23)

Note:

The boss on the reverse side of the wire holder is fitted to the round hole of the UD base.

- (5) Reattach the MD cam switch board with the two screws **R**. (See Fig.23)
- (6) Turn the cam switch to align the boss to the triangle mark on the MD cam switch board. (See Fig.25)
- (7) Reattach the cam gear with a slit washer while aligning the hole of it to the boss of the cam switch. (See Fig.25)

Note:

When reattaching the cam gear, the boss of the cam switch should be aligned to the hole of it, and the triangle mark of it should be aligned to the section **u** of the eject bar. (See Fig.25)

- (8) Reattach the loading motor assembly with the screw **S**. (See Fig.25)
- (9) Connect the wire of the loading motor to the connector [CN612](#) on the MD cam switch board. (See Fig.25)
- (10) Hang the wire to the hook **v** of the UD base and fix it with the wire holder. (See Fig.25)
- (11) Reattach the four pins on the both sides of the UD base to the notches of the loading mechanism base. (See Fig.26)

Note:

When reattaching the UD base, placing the section **w** of the cartridge holder assembly under the hook **x** of the loading mechanism base.

- (12) Reattach the slide base R while aligning the two pins on another side of the UD base to the slots of it. (See Figs.27 and 28)

Note:

Align the hook **y** of the slide base R to the section **z** on the inward side of the cam gear rib. (See Figs.27 and 28)

- (13) Reattach the slide base L on the slide base R while aligning the two pins on another side of the UD base to the slots of it. (See Fig.27)
- (14) Reattach the slide base L with the two screws **T**, making sure the two slots of it are fitted to the two bosses **aa**. (See Figs.27 and 29)

Reference:

To expedite the work, lift the UD base slightly when fitting each pin to the notches.

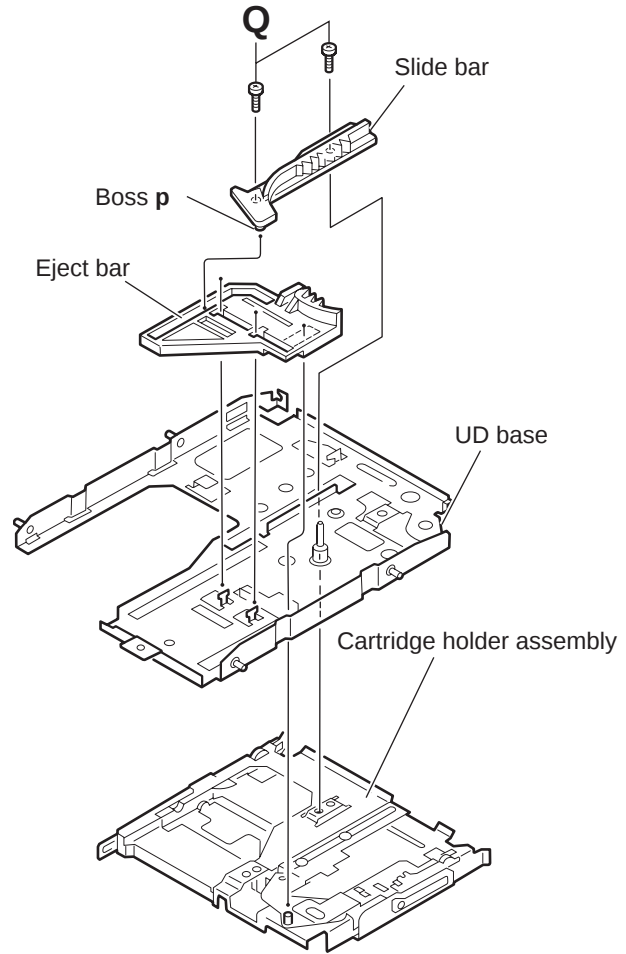


Fig.22

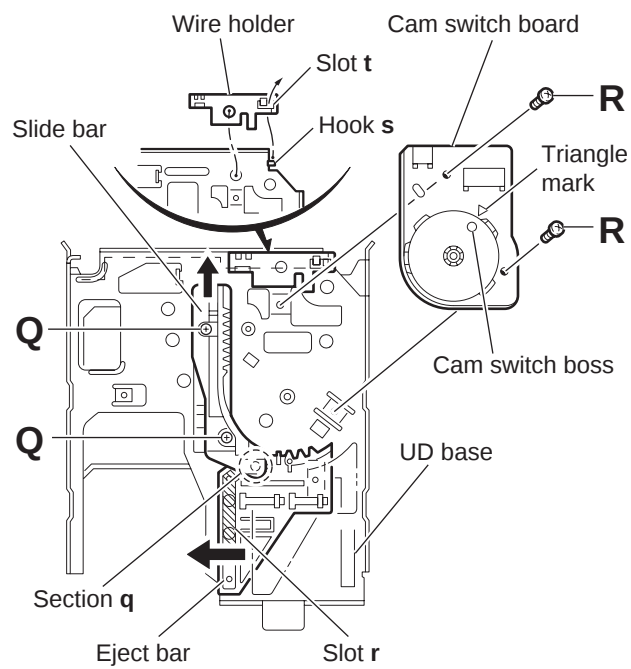


Fig.23

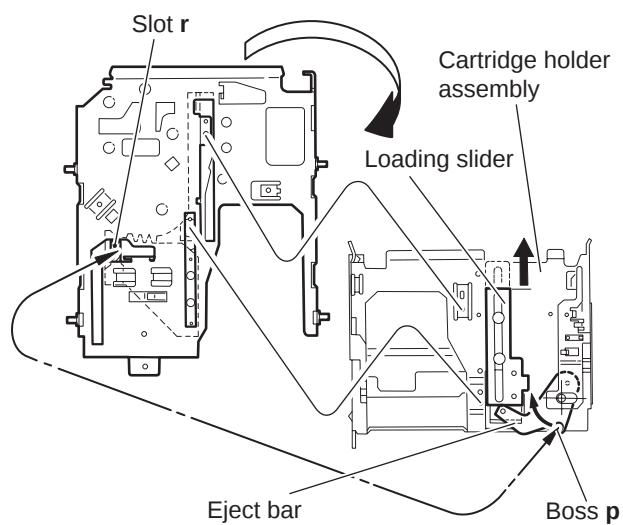


Fig.24

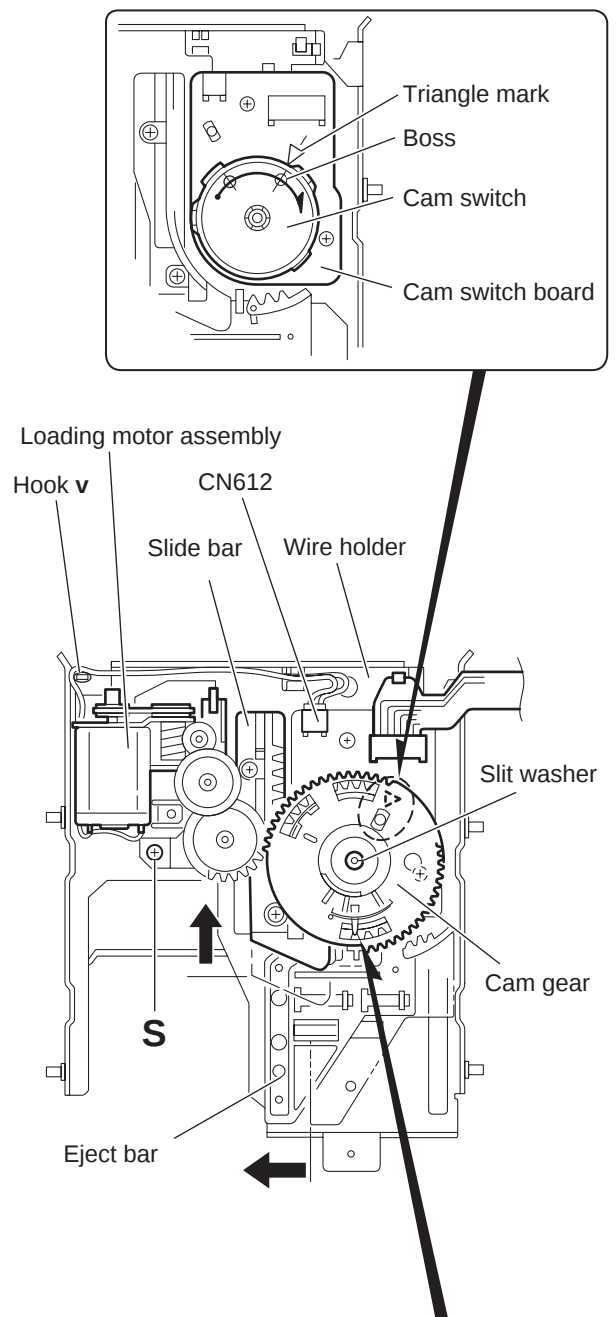


Fig.25

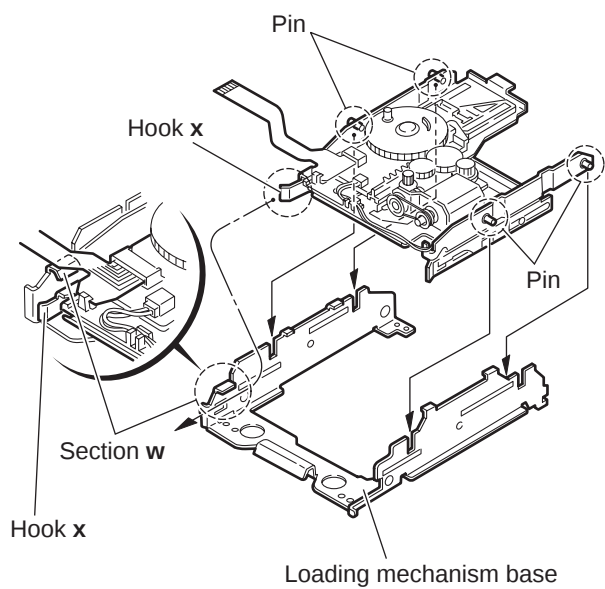


Fig.26

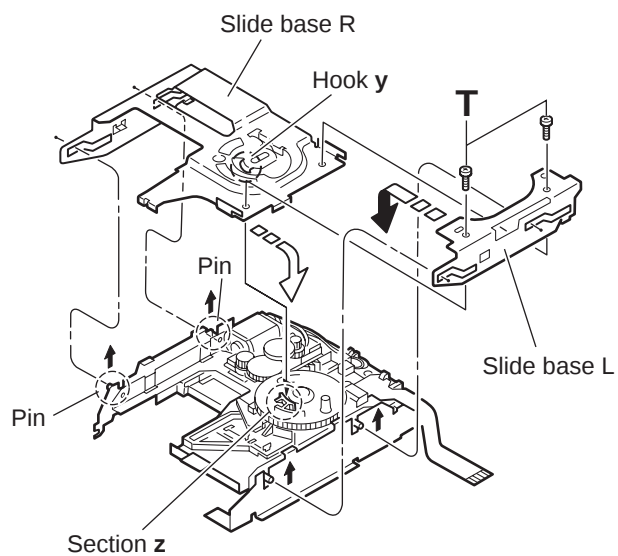


Fig.27

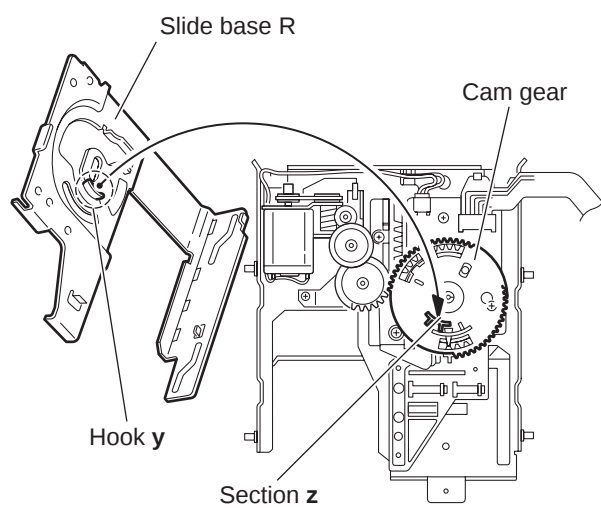


Fig.28

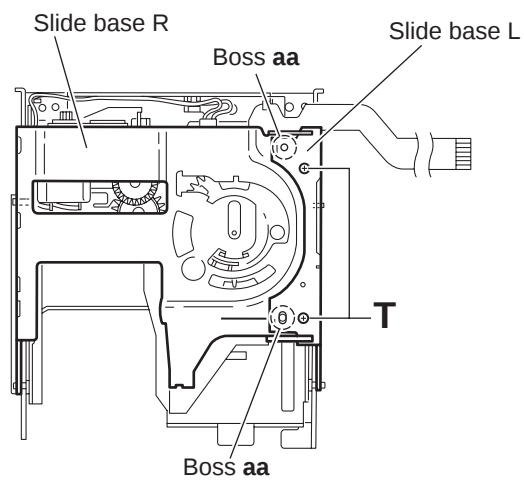
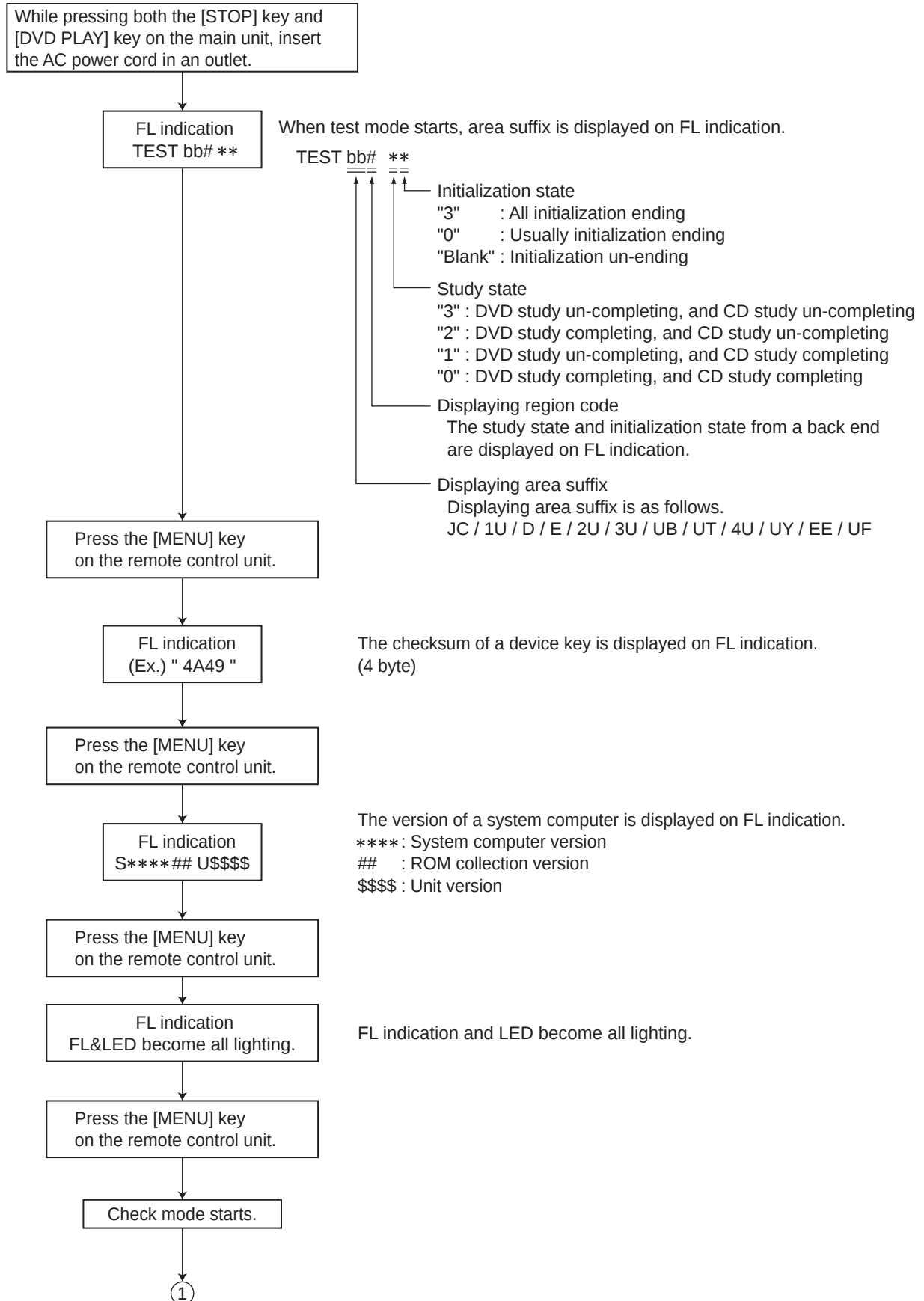
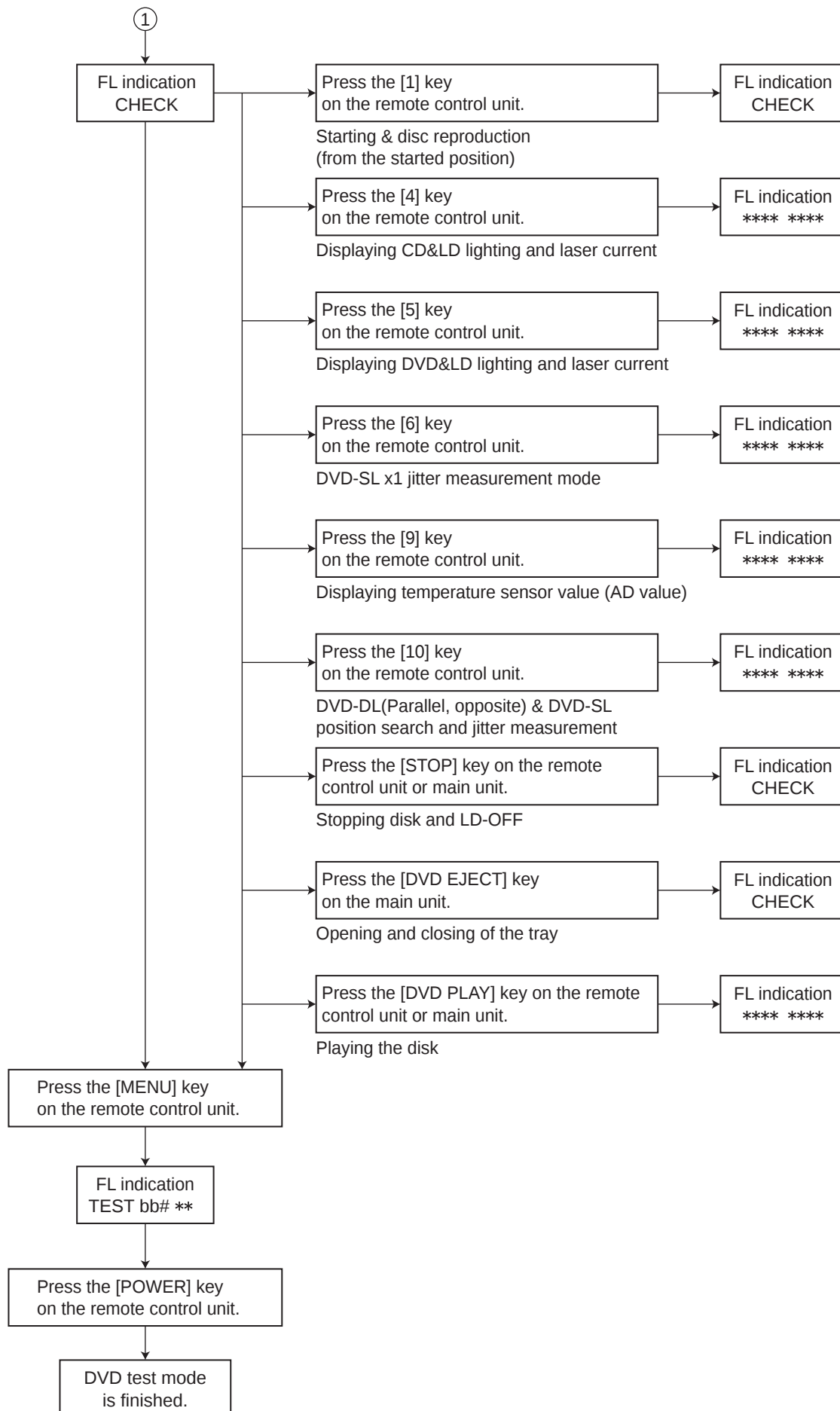


Fig.29

SECTION 4 ADJUSTMENT

4.1 DVD test mode





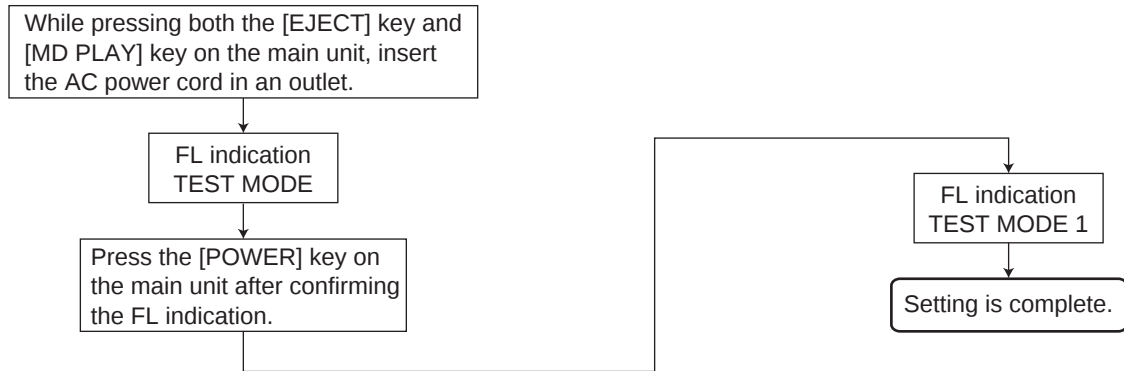
4.2 Adjustment method for MD section

Note:

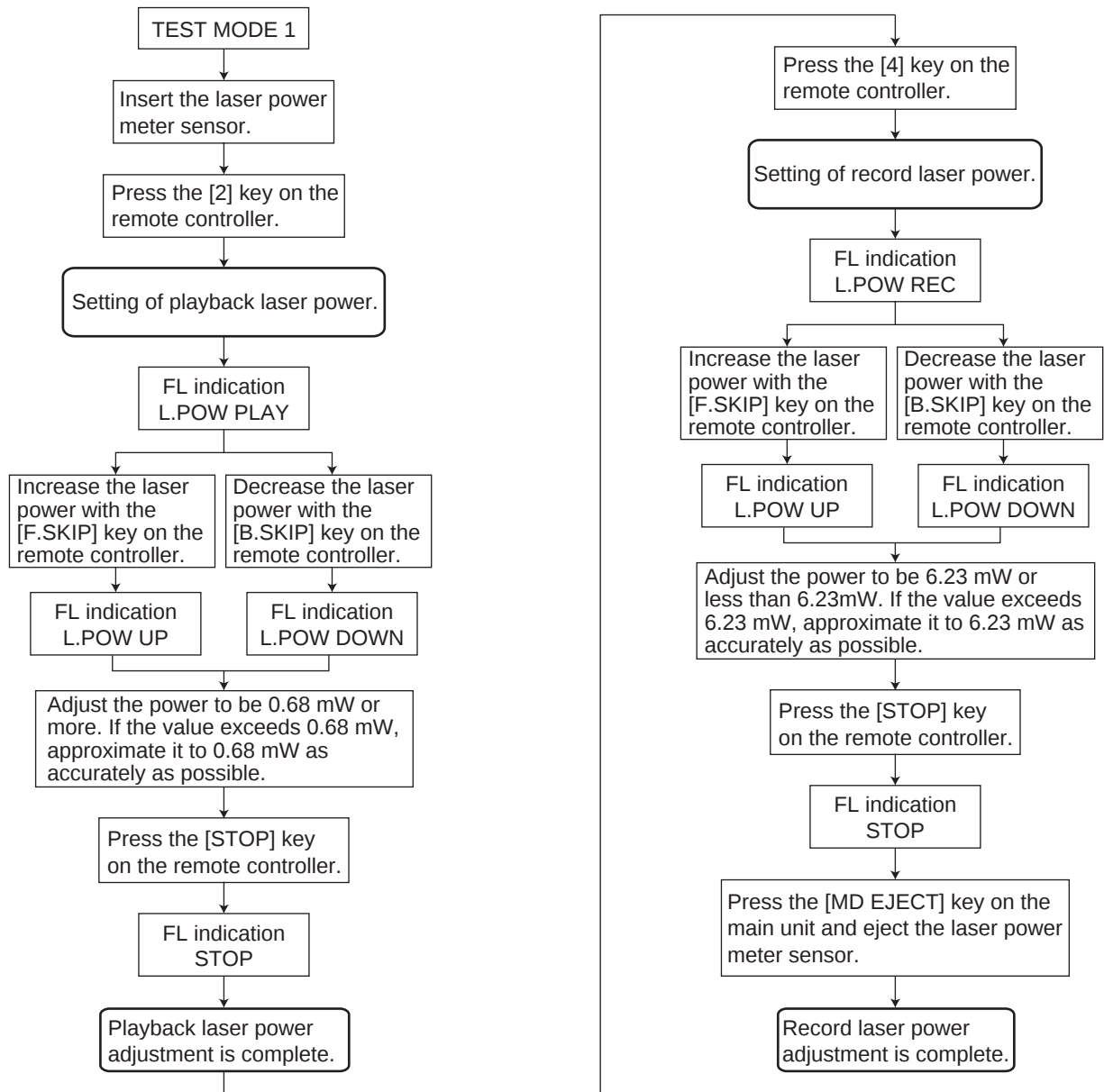
This set has an automatic adjustment function by test mode setting.
In addition, pay attention not to have initialized EEPROM of this set.

4.2.1 Adjustment method by a test mode

(1) Setting of TEST MODE 1



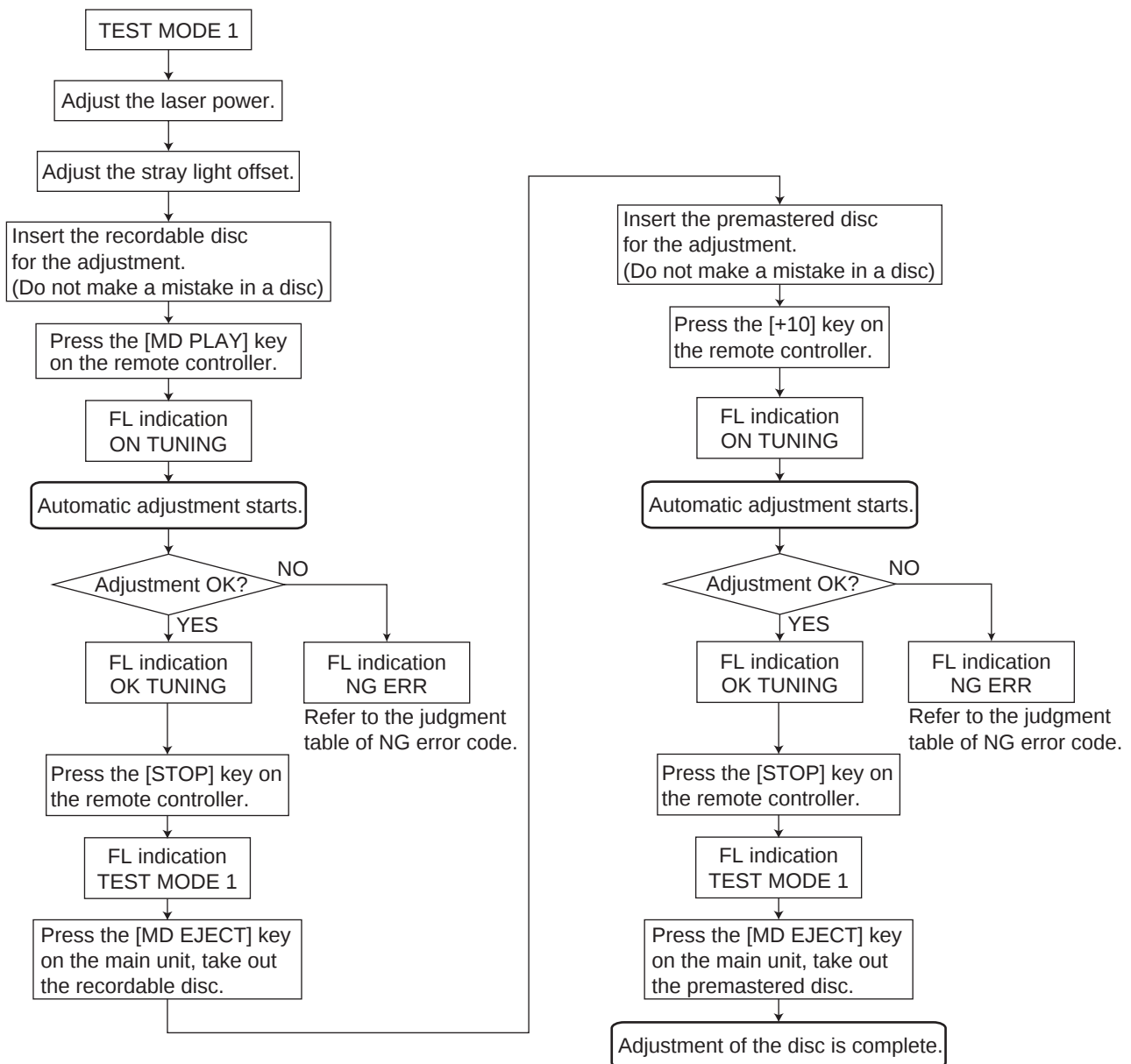
(2) Adjustment of the laser power



(3) Adjustment of stray light offset



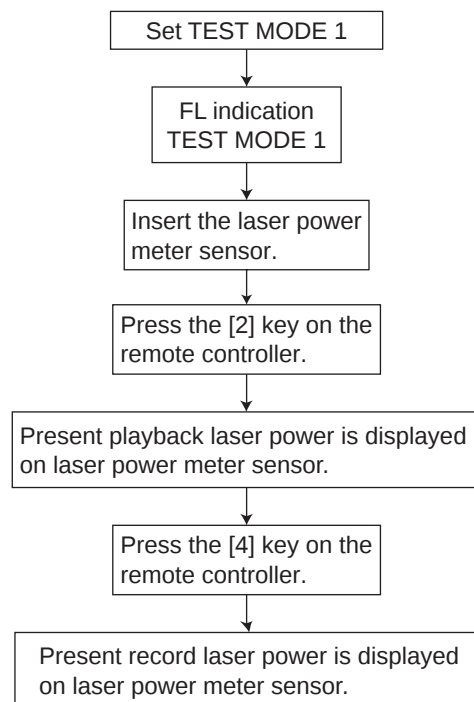
(4) Adjustment of the disc



* Judgment table of NG error code

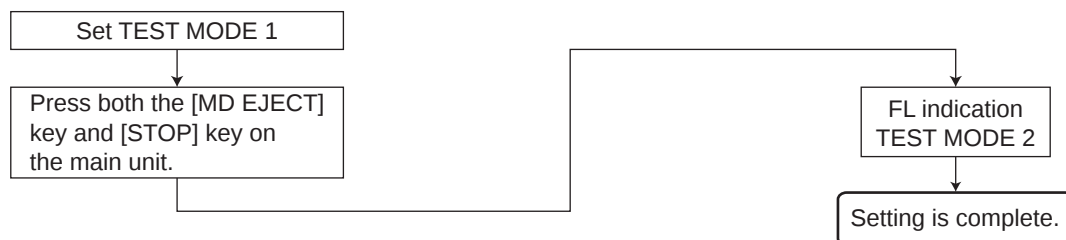
Recordable Disc	Premastered Disc	Adjustment NG section
0	0	No error (normal)
20	30	Focus ON
21	32	Tracking error gain balance adjustment
22	-	Tracking error gain balance adjustment
23	31	Spindle constant voltage drive
24	33	Tracking ON
25	34	Spindle ADIP/EFM rough servo ON
26	35	Focal loop gain adjustment
27	36	Focal balance adjustment
28	37	Tracking error gain balance adjustment
29	38	Lens position servo sensitivity adjustment
2A	39	Tracking ON
2B	3A	Spindle ADIP/EFM rough servo ON
2C	3B	Tracking loop gain adjustment
2D	3C	NRFDET slice level measurement
3E	-	Pit→Grv movement
3F	3F	Other processing

(5) Method of checking laser power

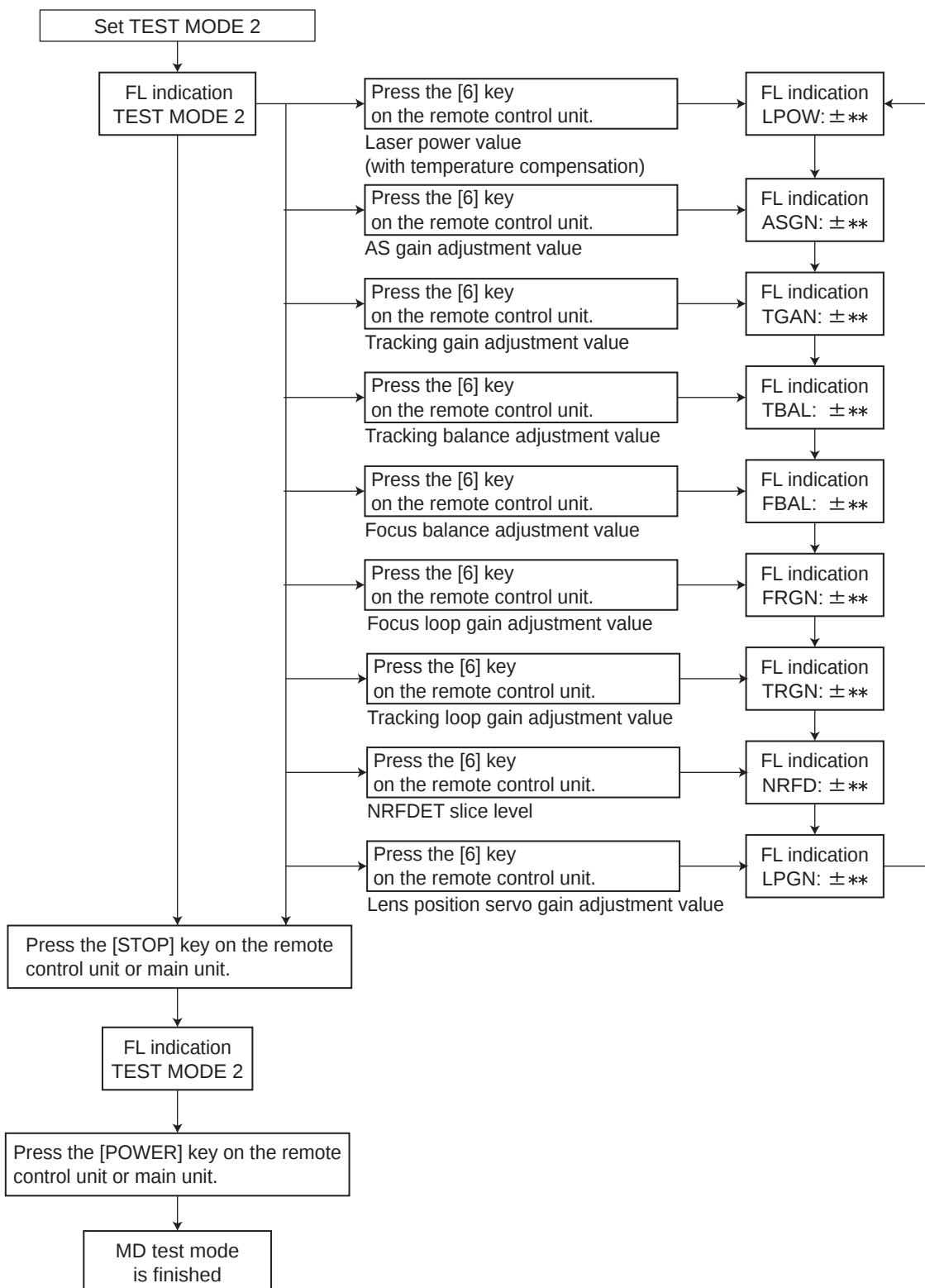


Caution:
Because EEPROM of the main unit has been updated when [STOP] key is pressed, pay enough attention not to push it.

(6) Setting of TEST MODE 2



(7) Displaying change value of a pickup adjustment



SECTION 5 TROUBLESHOOTING

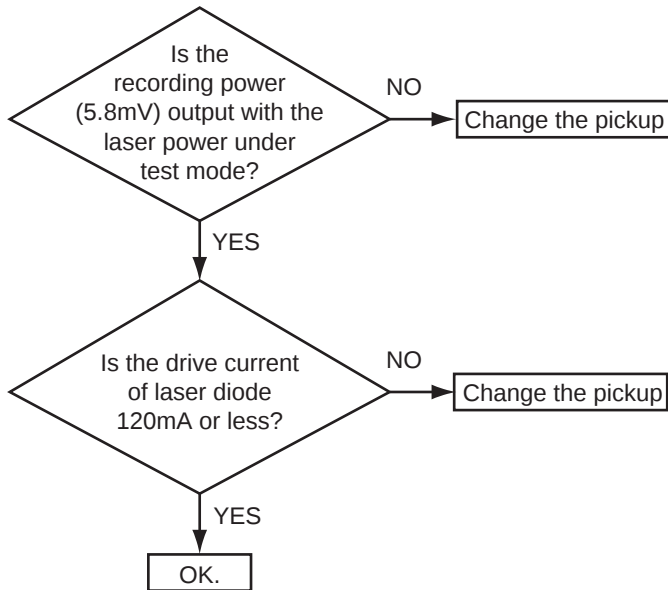
5.1 Maintenance of laser pickup (MD)

1. Confirm the life of a laser diode

When the life of the laser diode has expired, the following symptoms will appear.

- (1) Recording will become impossible.
- (2) The RF output (EFM output, amplitude of eye pattern) will become lower.
- (3) The drive current required for light emitting of laser diode will be increased.

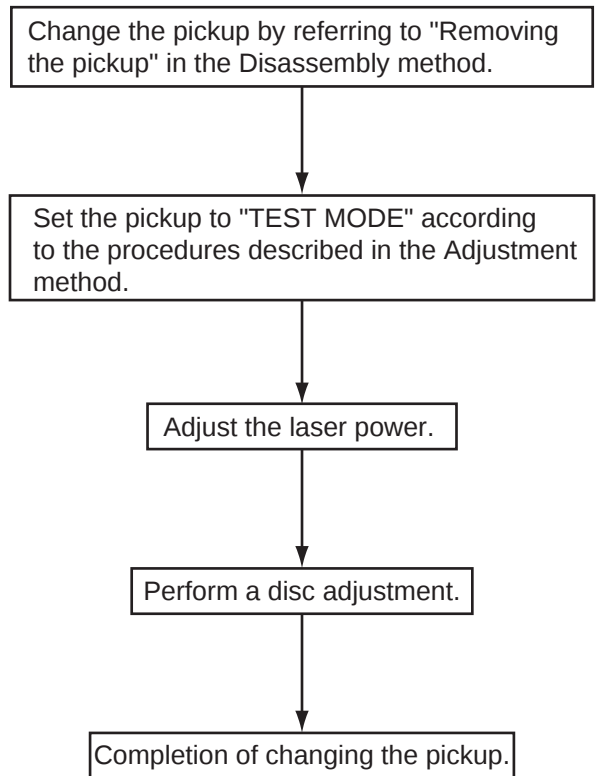
2. Confirm the service life according to the following flow chart.



3. Method of measuring the drive current of laser diode

When the voltage measured at R337(both end) on the MD servo control board (ENX-0223) have become 120mV or over, the service life of the laser diode is judged to have been exhausted.

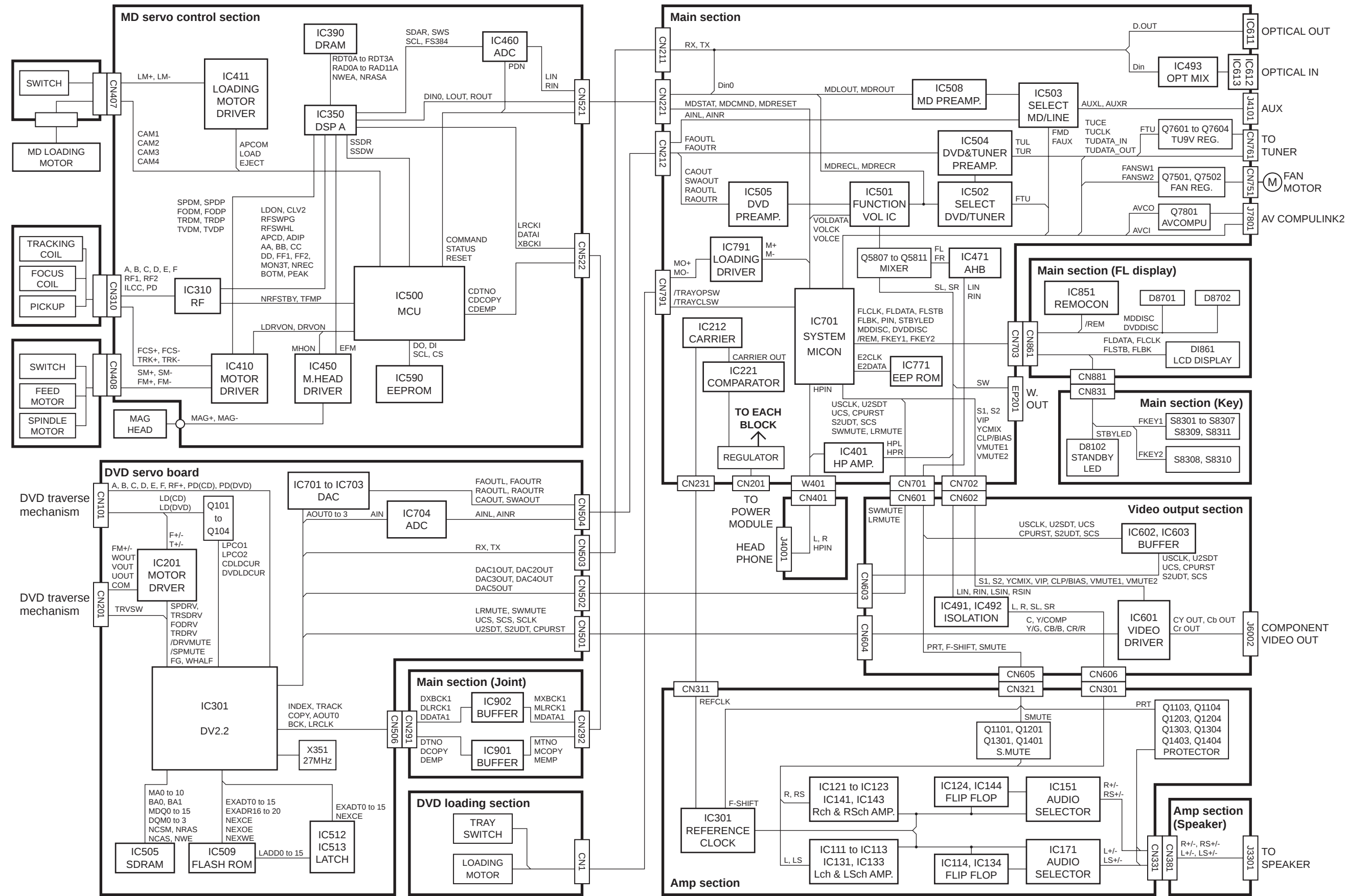
5.2 Replacement of laser pickup (MD)



Note:

Since this system is designed to perform magnetic recording, the laser power ten times or over of the conventional MD player will be output. Therefore, be sure to perform not only adjustment and operation of this system so carefully as not to directly look at the laser beam or touch on the body.

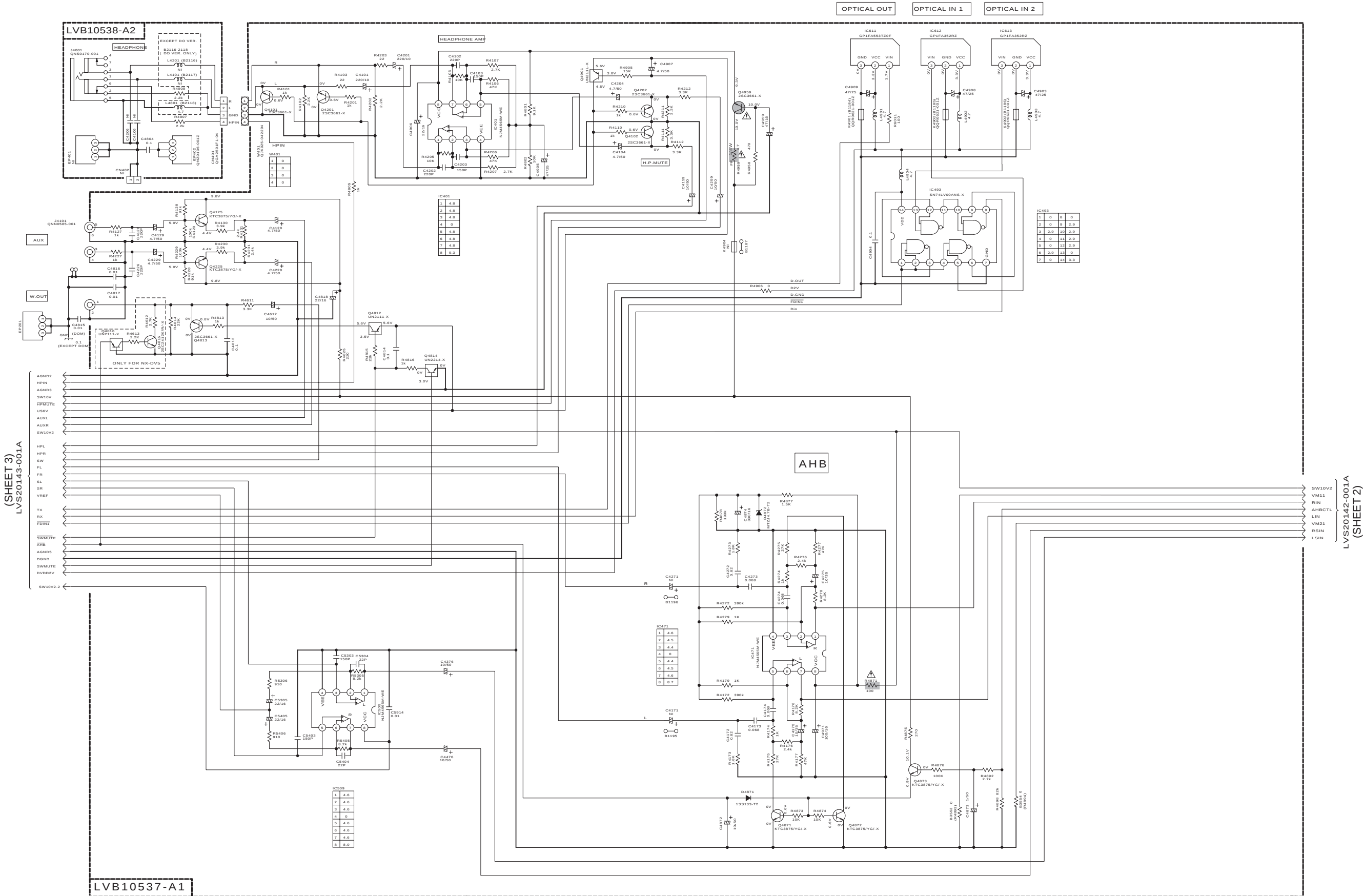
Block diagram



■ Regulator section



■ AHB section



(SHEET 3)
LVS20143-001A

LVS20142-001A
(SHEET 2)

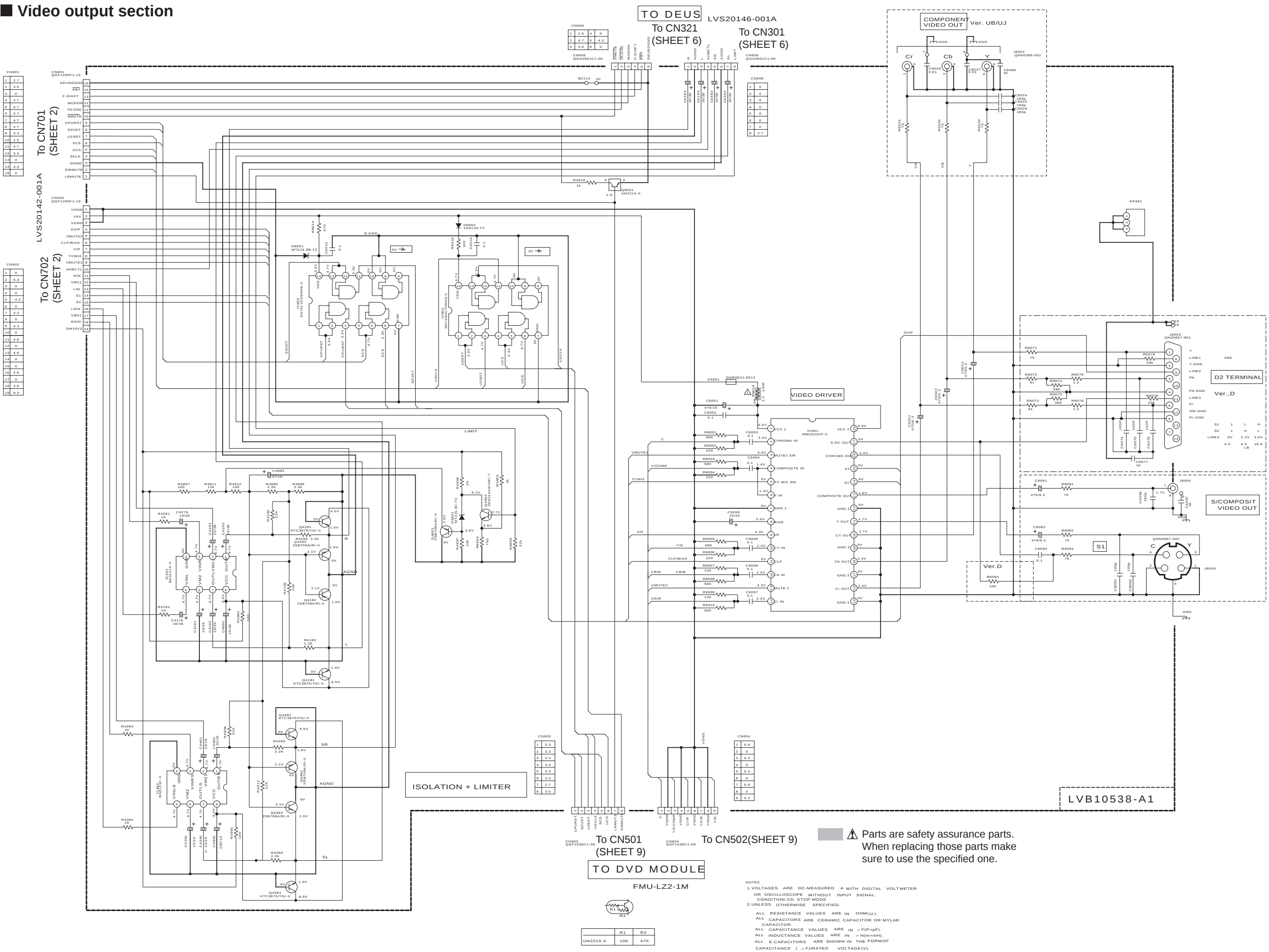
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL. CONDITION: CD STOP MODE
2. UNLESS OTHERWISE SPECIFIED:

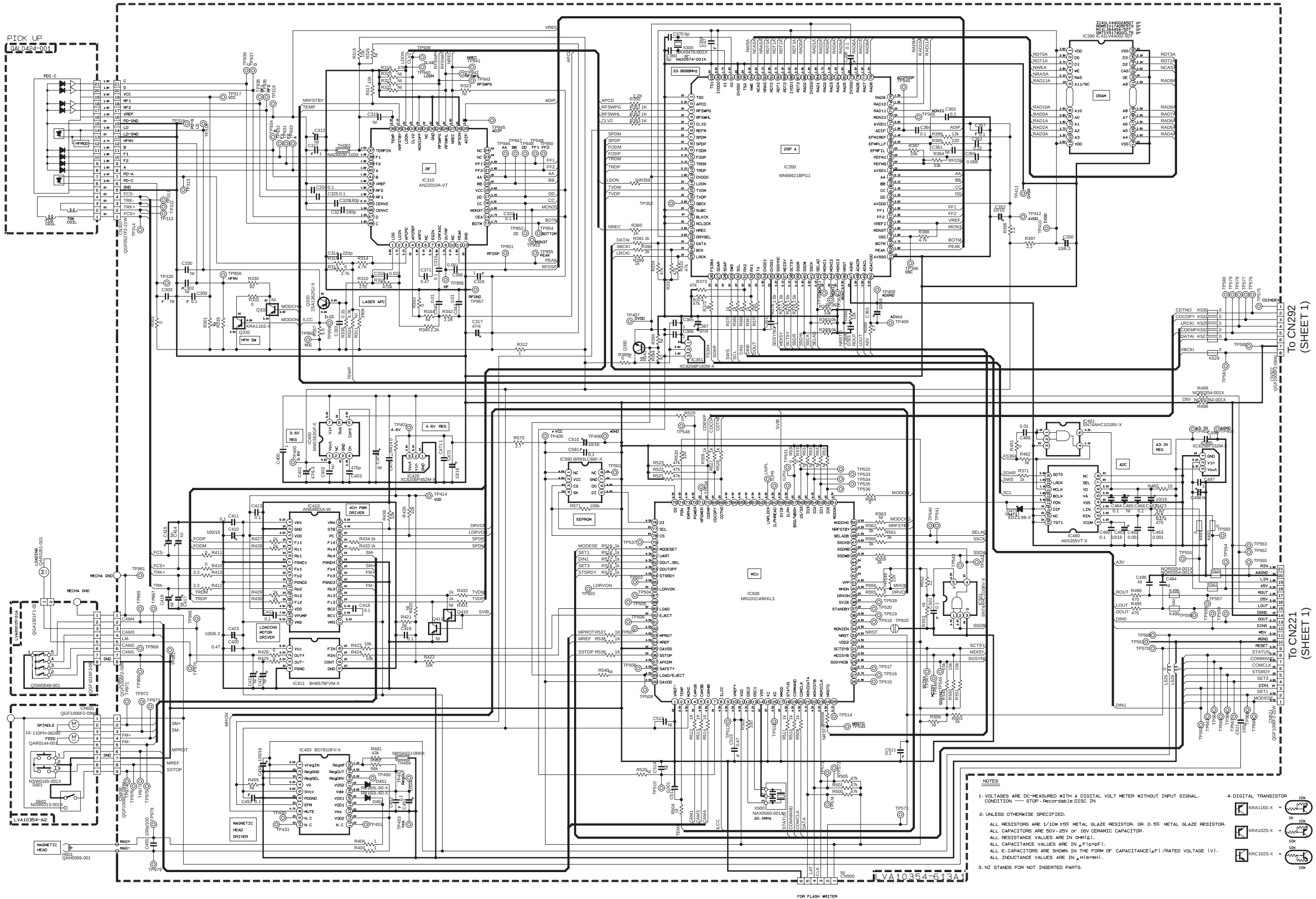
ALL RESISTANCE VALUES ARE IN OHM(O).
ALL CAPACITANCE VALUES ARE IN P(P)=pF).
ALL INDUCTANCE VALUES ARE IN H(H)=mH).
ALL E-CAPACITORS ARE SHOWN THE FORM OF CAPACITANCE # (RATED VOLTAGE (V)).
ALL DIMENSIONS ARE IN MILLIMETERS (MM).

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

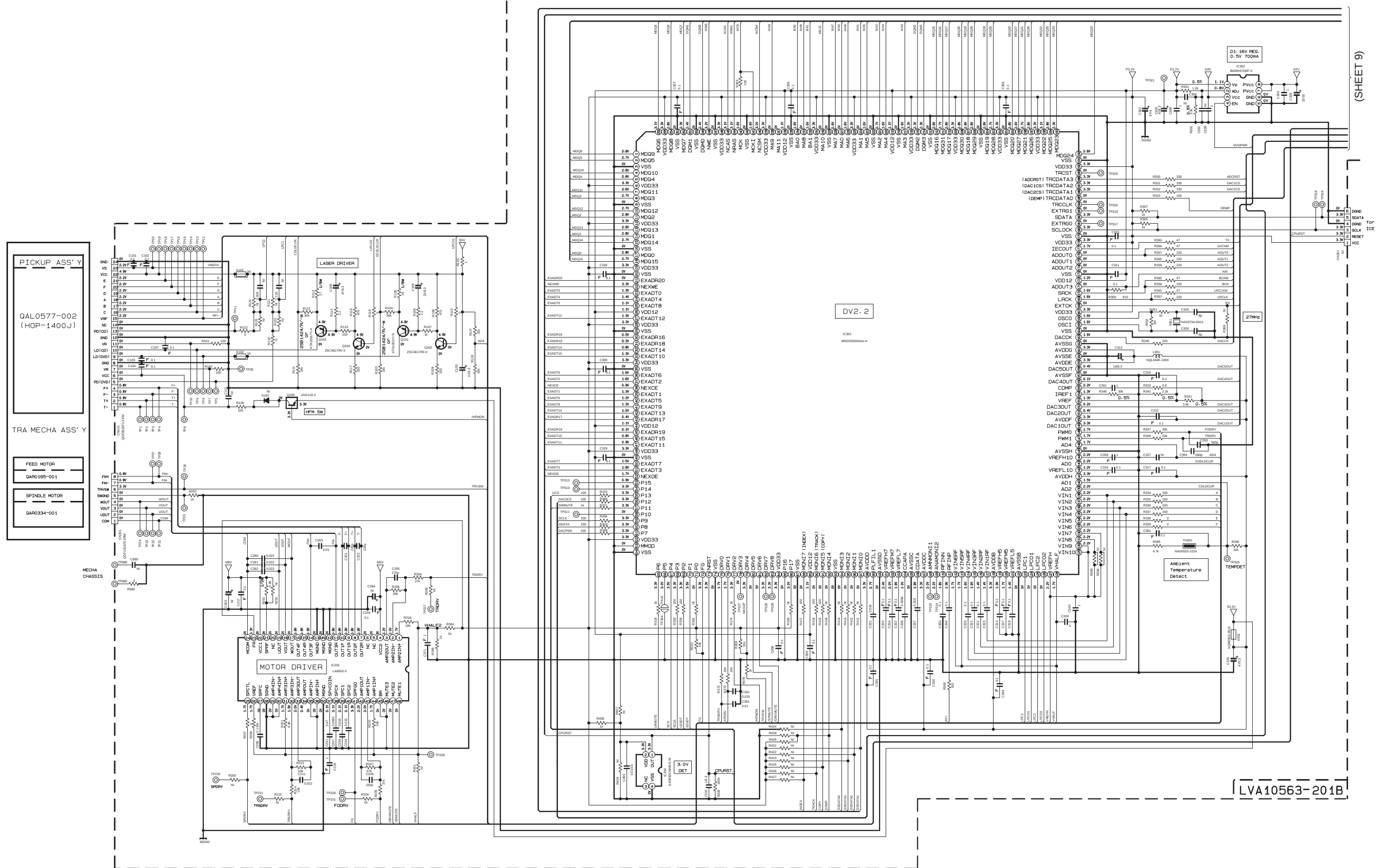
■ Video output section



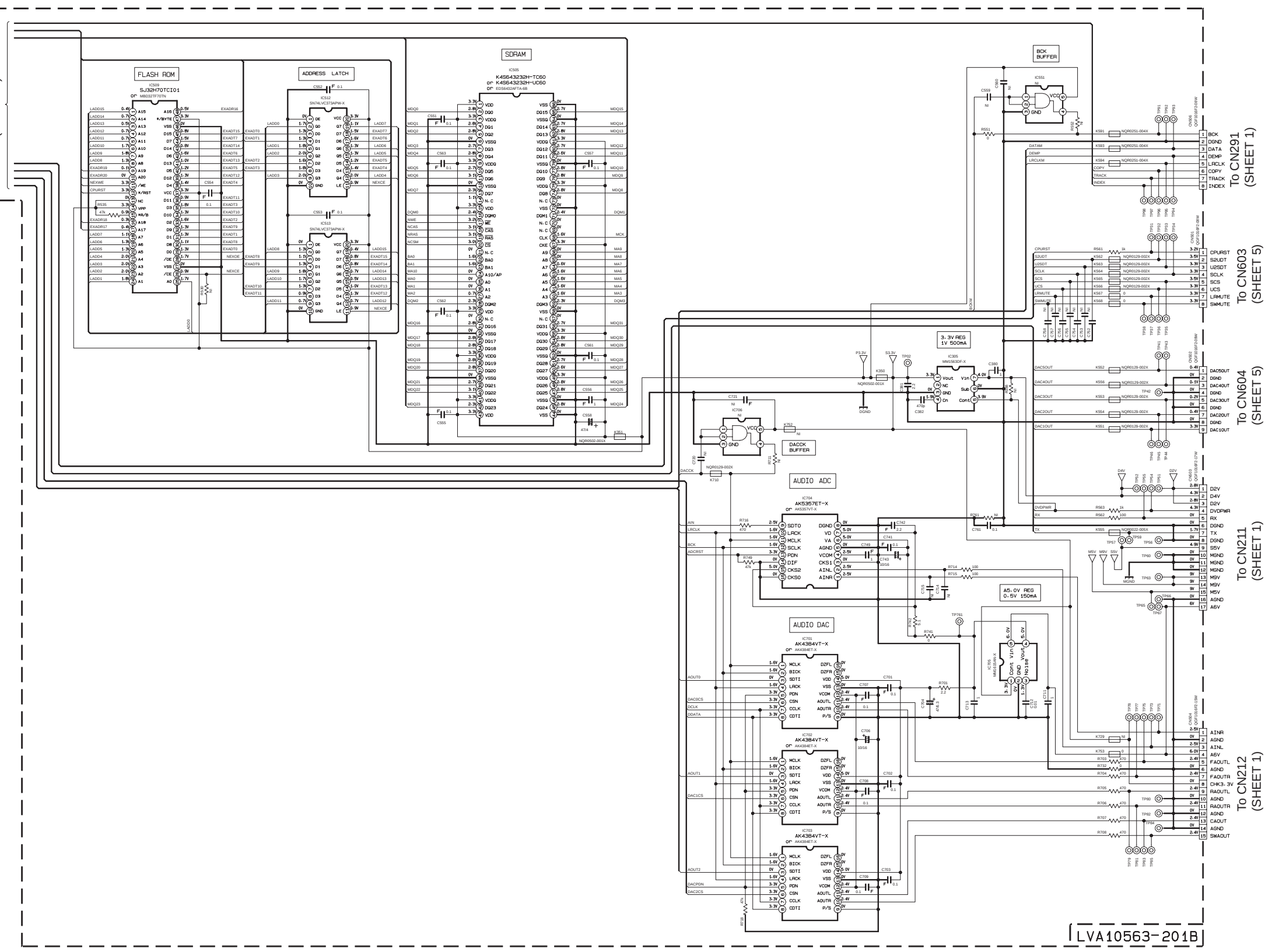
■ MD mechanism section



DVD servo section (1/2)



(SHEET 8)



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL-CONDITION — A DVD disc in the Tray 1, and STOP mode.

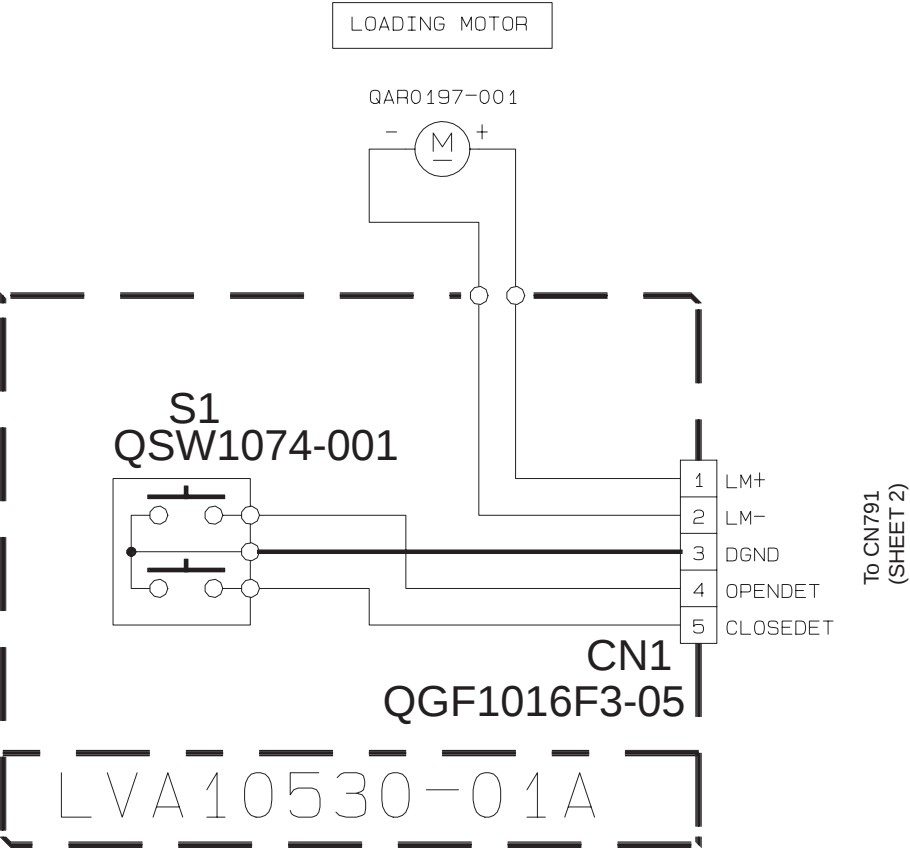
2. UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE 1/16W ±5% METAL GLAZE RESISTOR, OR 0.6% METAL GLAZE RESISTOR.
ALL CAPACITORS ARE 50V, 25V, 16V, 10V or 6.3V CERAMIC CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITANCE VALUES ARE IN pF(pF).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
ALL INDUCTANCE VALUES ARE IN μH(μH).

3. NI STANDS FOR NOT INSERTED PARTS.

4. DIGITAL TRANSISTOR

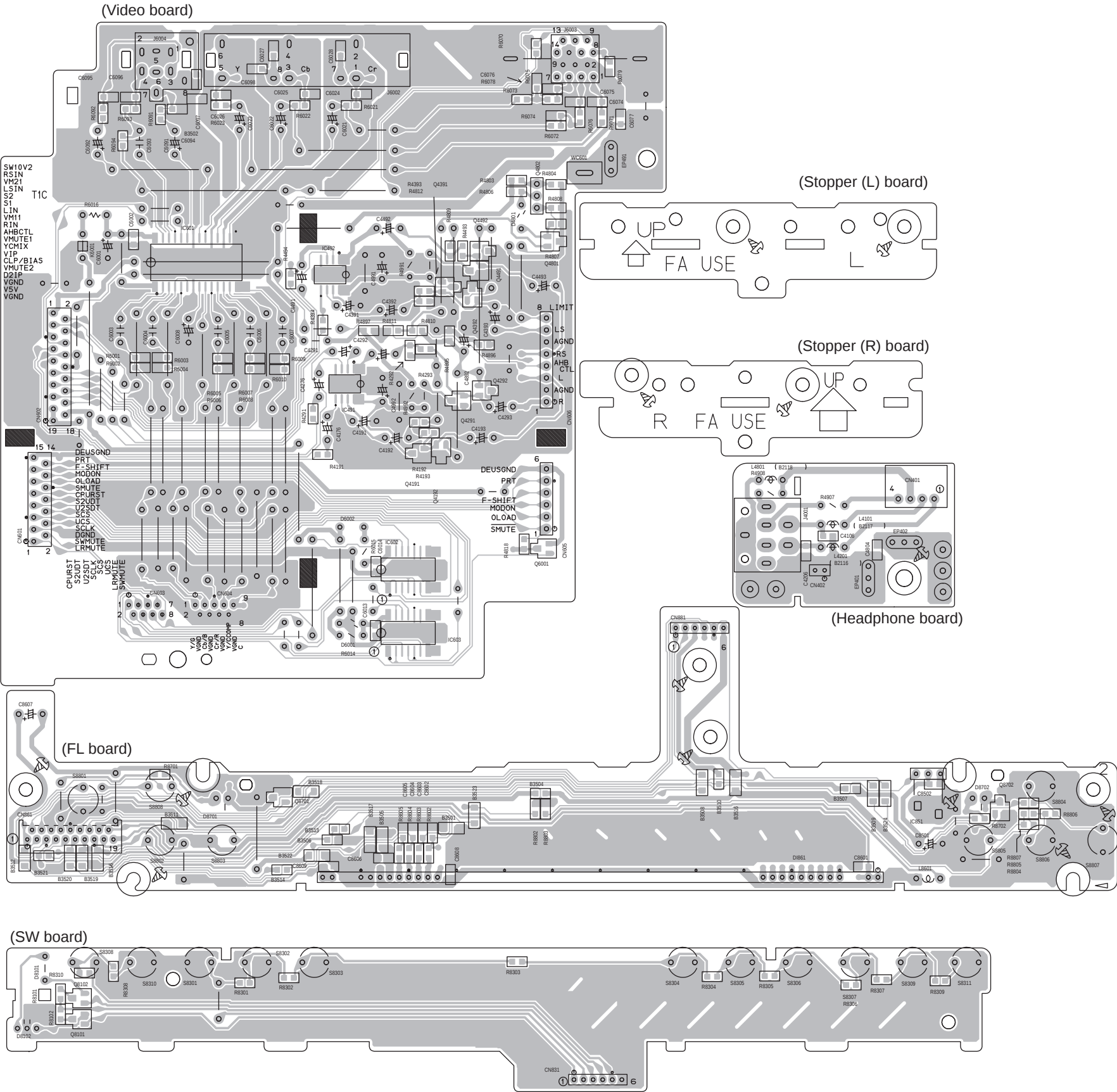
UN119-X =

< MEMO >



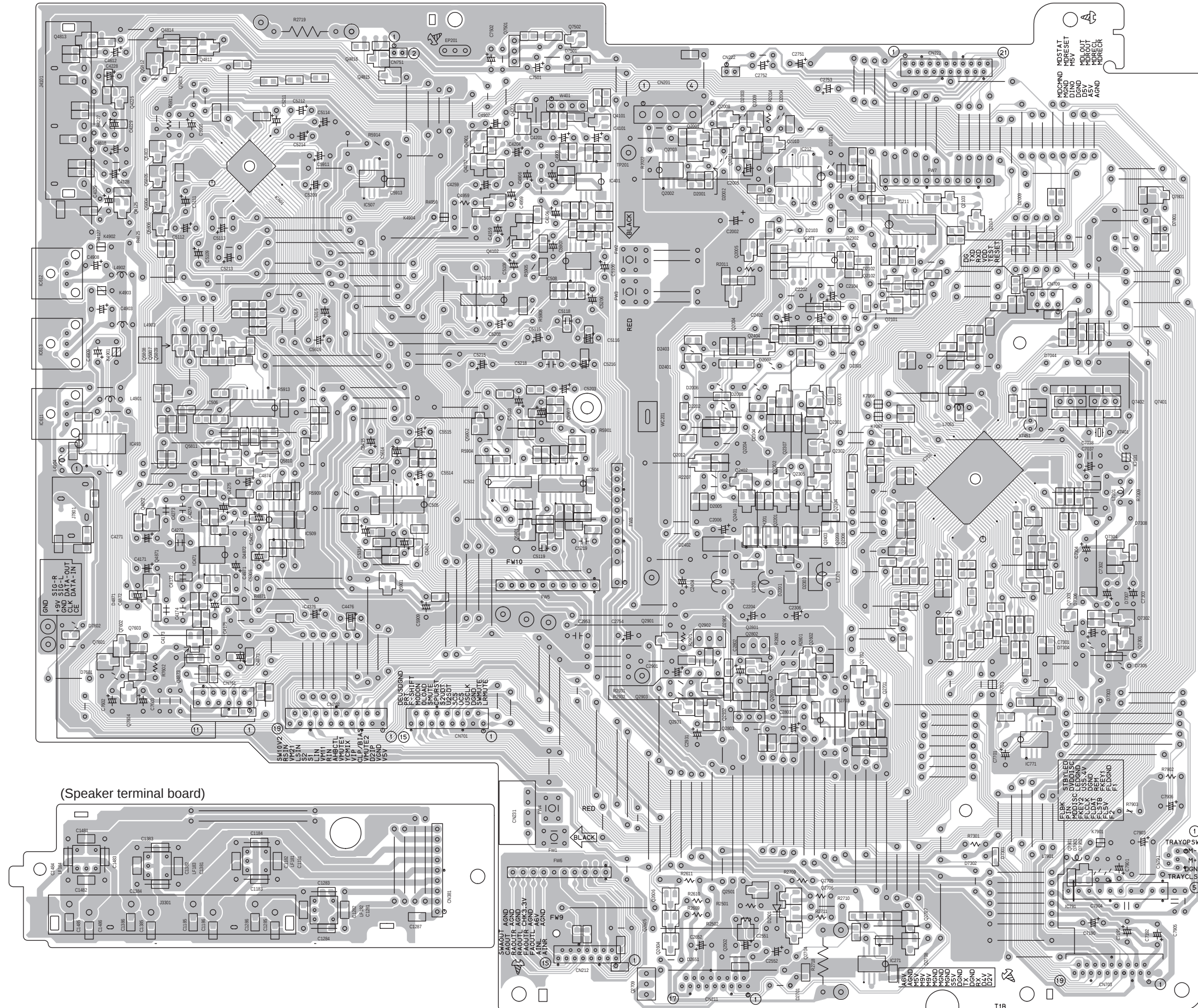
Printed circuit boards

■ Main board



■ Micom board

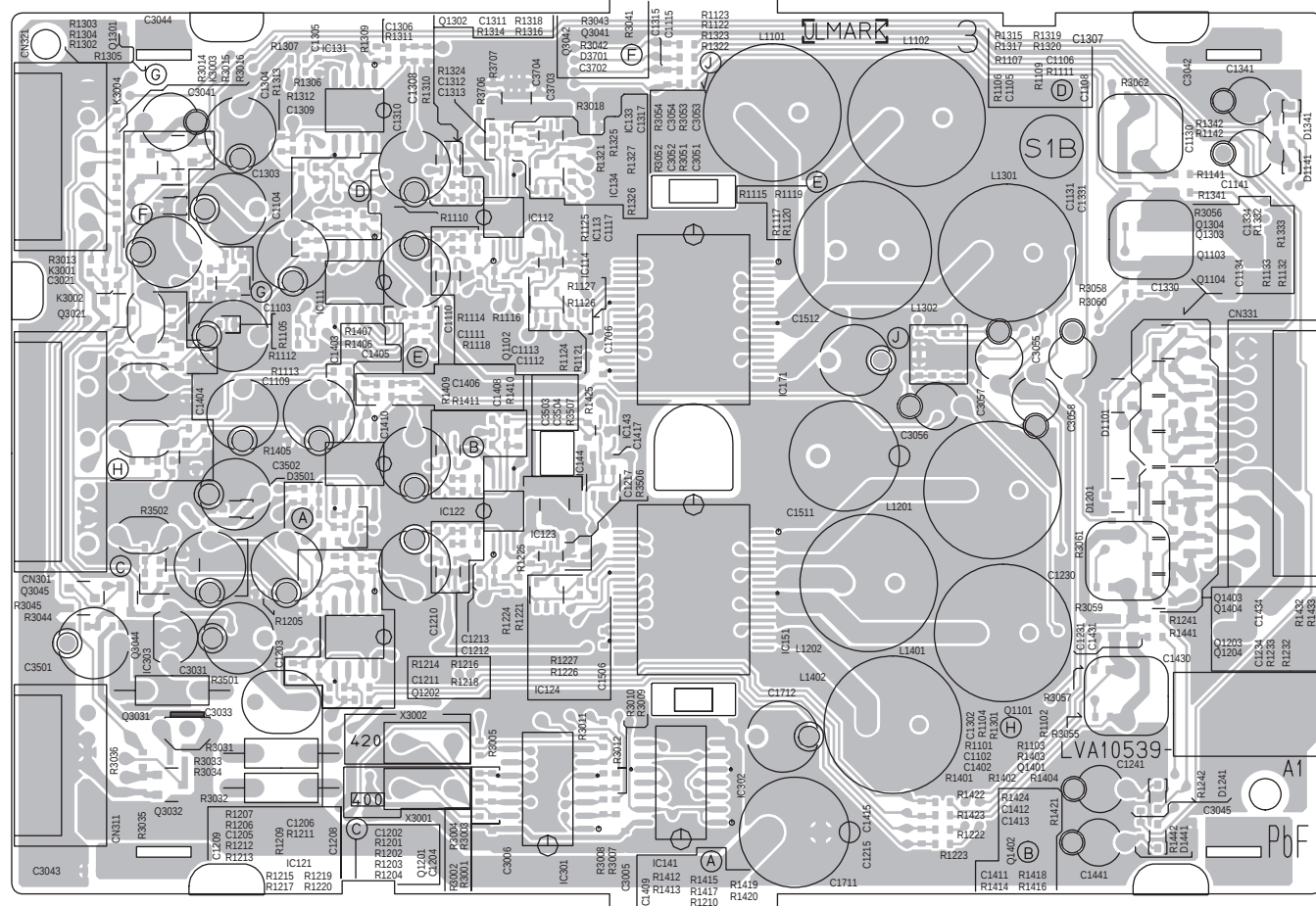
(Micom board)



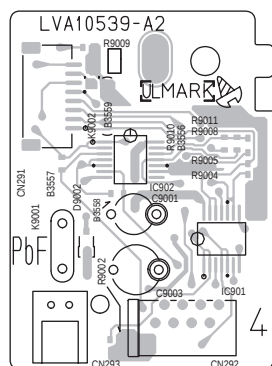
■ Digital amplifier board

Forward side

(Amplifier board)

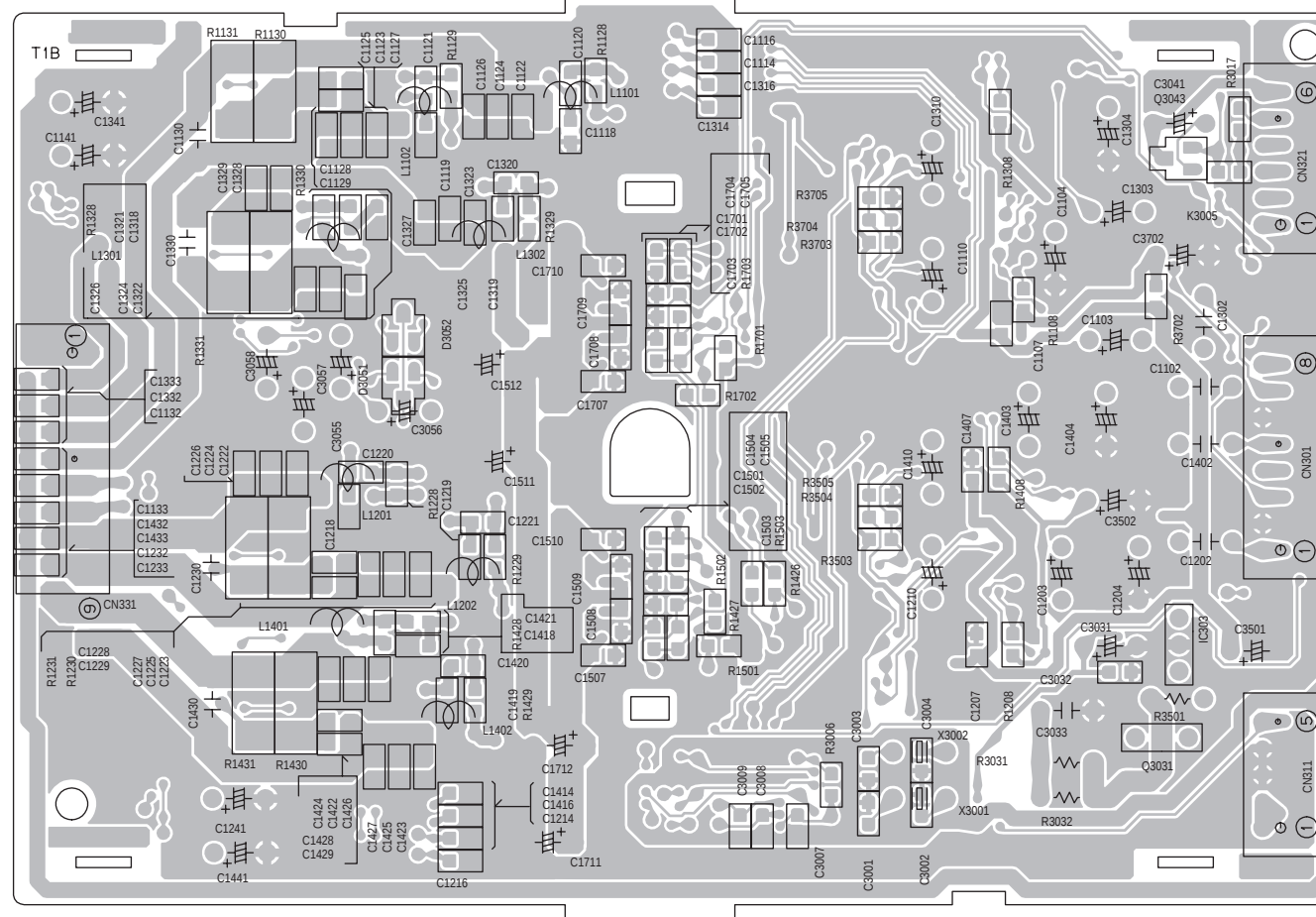


(Holder board)

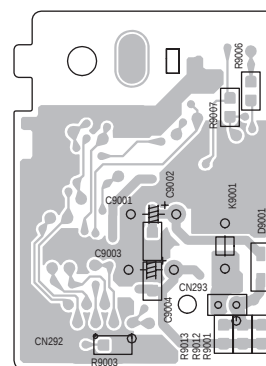


Reverse side

(Amplifier board)

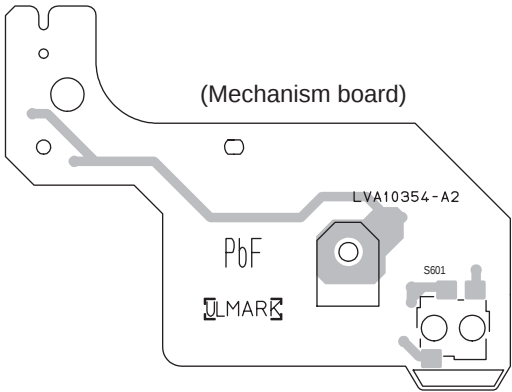


(Holder board)

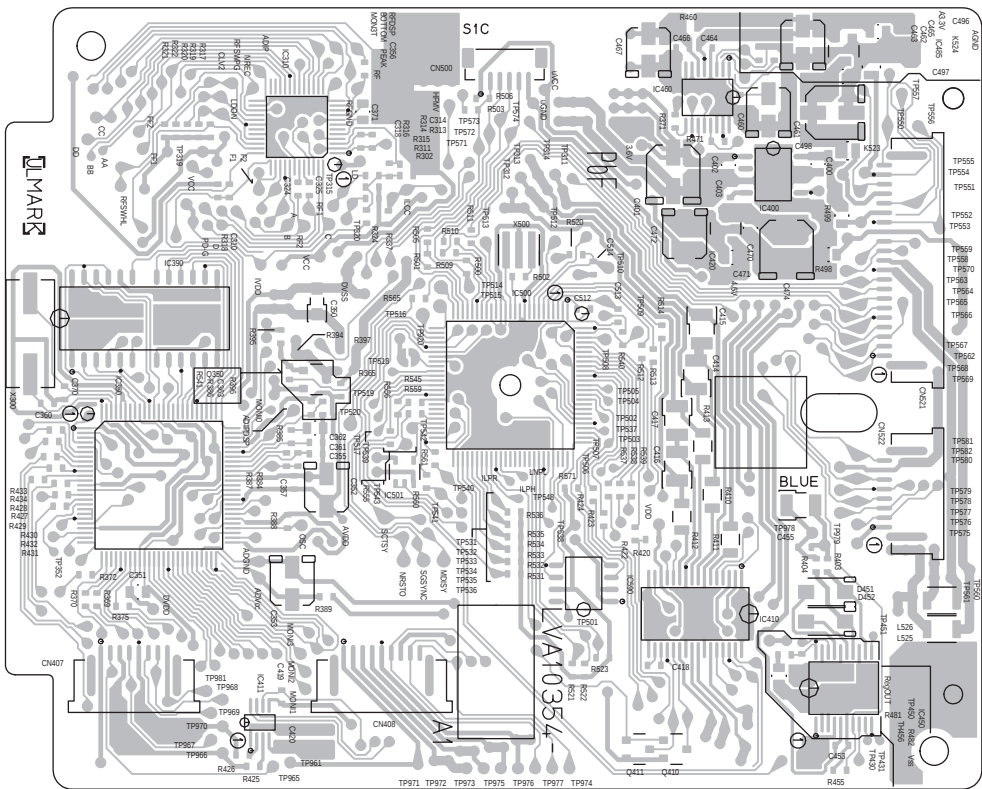


■ MD servo board

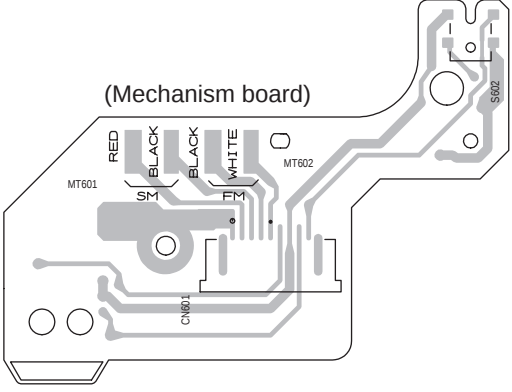
Forward side



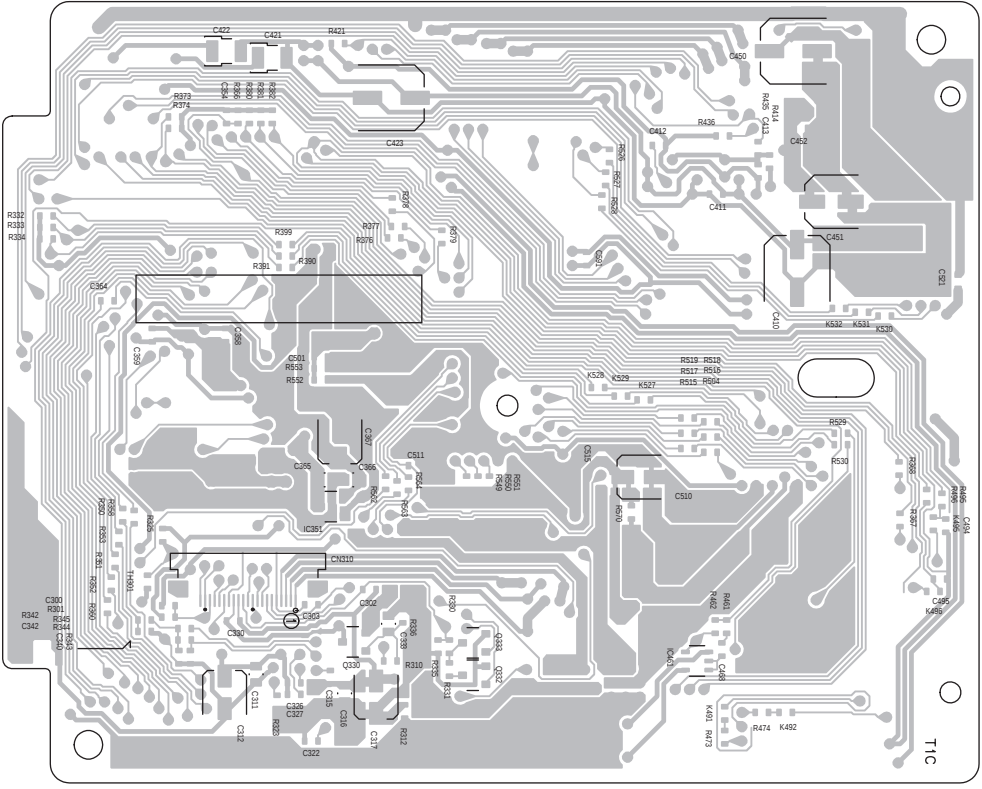
(MD servo board)



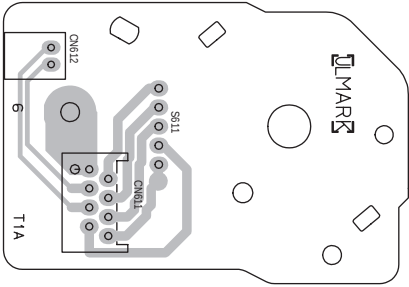
Reverse side



(MD servo board)



■ MD cam switch board



< MEMO >

PARTS LIST

[NX-DV3]

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

Area suffix

UB ----- Hong Kong
UJ ----- U.S.Military

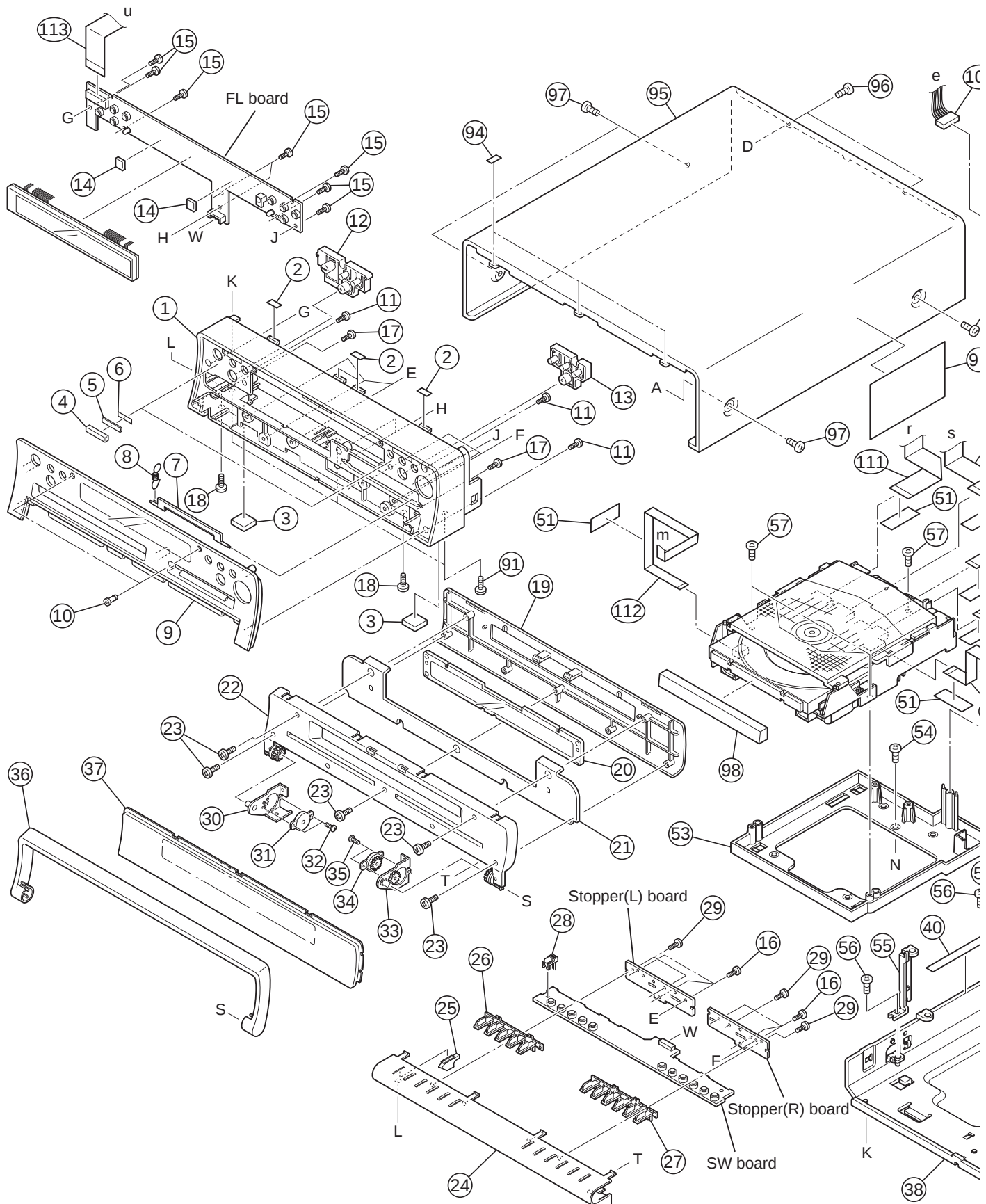
- Contents -

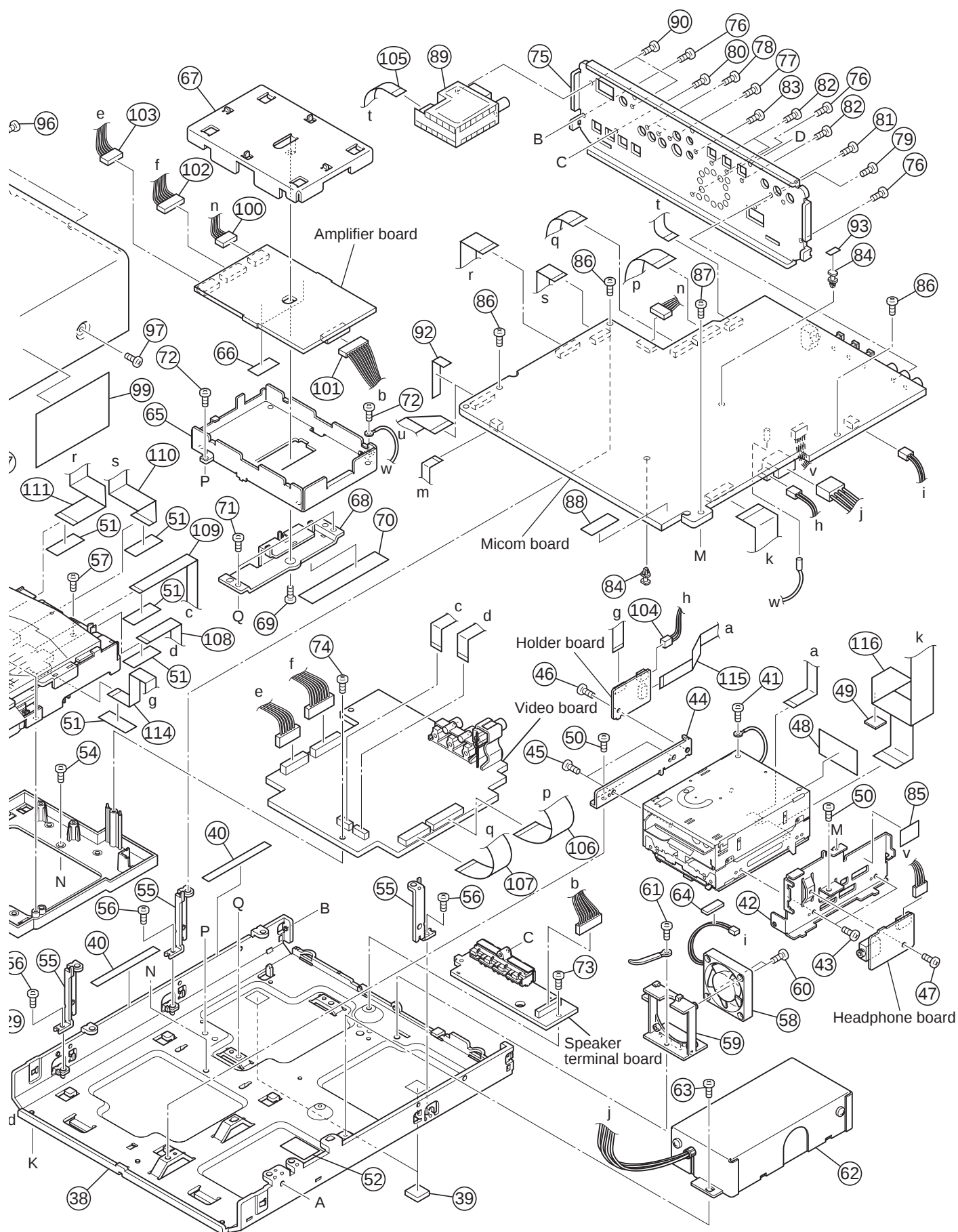
Exploded view of general assembly and parts list (Block No.M1)	3- 2
Speaker assembly and parts list(Front speaker) (Block No.M2)	3- 6
MD mechanism assembly and parts list (Block No.ME)	3- 7
DVD mechanism assembly and parts list (Block No.MJ)	3- 9
DVD loading base assembly and parts list (Block No.MN)	3-11
Electrical parts list (Block No.01~07)	3-13
Packing materials and accessories parts list (Block No.M3)	3-28

Exploded view of general assembly and parts list

Block No.

M	1	M	M
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General Assembly

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

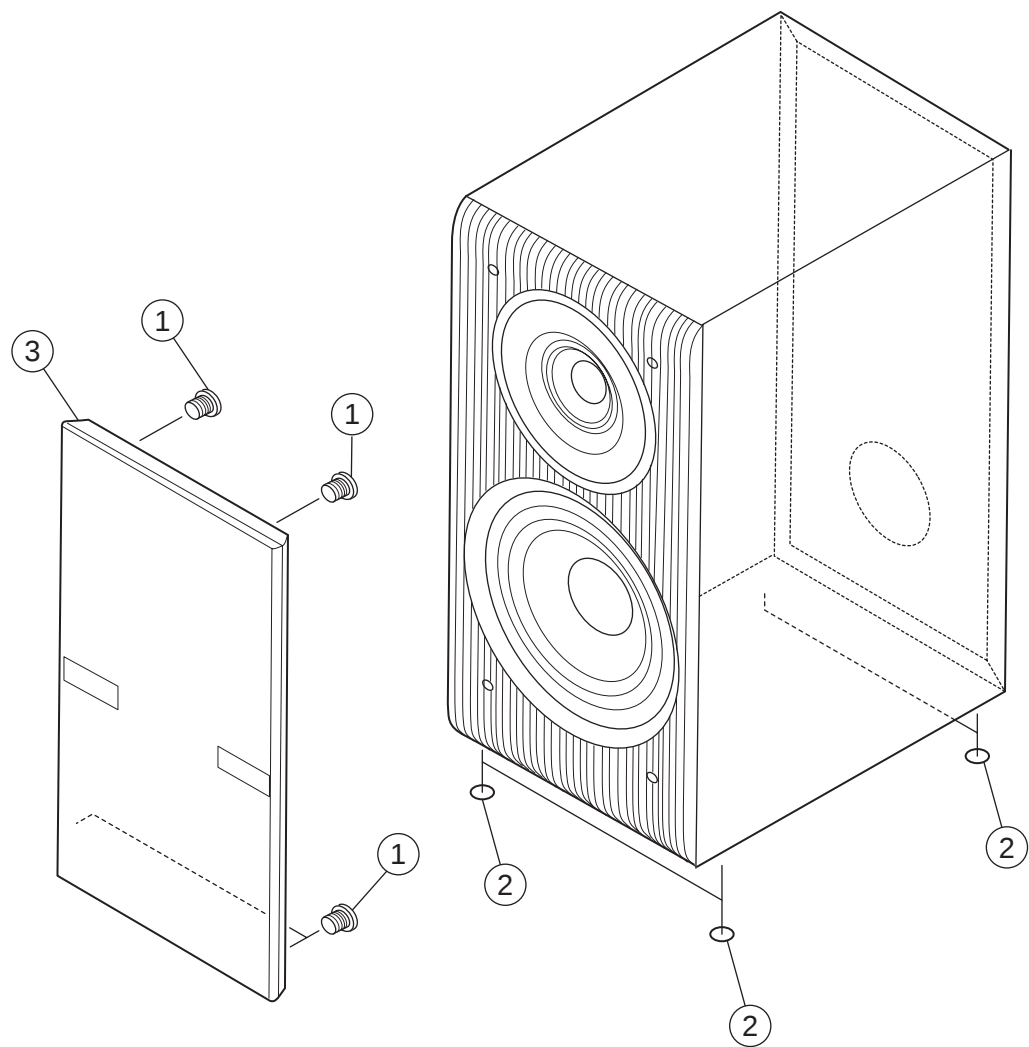
Symbol No.	Part No.	Part Name	Description	Local
1	LV10975-002A	FRONT PANEL		
2	LV30225-0Y3A	SPACER	(x4)	
3	LV40301-002A	FELT SPACER	(x2)	
4	LV43975-001A	P.C.MAGNET	(x2)	
5	LV43976-001A	MAGNET BRACKET	(x2)	
6	LV30225-0V6A	SPACER	(x2)	
7	GV30489-006A	MD LID		
8	LV43984-001A	SPRING		
9	LV21834-002A	FRONT LENS		
10	E69897-002	CUSHION	(x2)	
11	QYSDSG2608ZA	TAP SCREW	M2.6 x 8mm(x3)	
12	LV35354-002A	POWER BTN ASSY		
13	LV35344-001A	MD BUTTON		
14	VYSH101-009	SPACER	(x2)	
15	QYSDSG2608ZA	TAP SCREW	M2.6 x 8mm(x8)	
16	QYSBSF2610EA	TAP SCREW	M2.6 x 10mm(x6)	
17	QYSDSG2608ZA	TAP SCREW	M2.6 x 8mm(x2)	
18	QYSDSG3006NA	TAP SCREW	M3 x 6mm(x2)	
19	LV21836-002A	DOOR COVER		
20	LV35314-001A	DOOR LENS B		
21	LV35309-001A	DOOR BRACKET		
22	LV21835-002A	DOOR CASE		
23	QYSDSF2006ZA	TAP SCREW	M2 x 6mm(x5)	
24	LV21839-002A	BUTTON COVER		
25	LV43982-001A	STANDBY LENS		
26	LV35341-001A	FUNCTION BUTTON		
27	LV35342-001A	CONTROL BUTTON		
28	LV43983-001A	LED HOLDER		
29	QYSDSG2608ZA	TAP SCREW	M2.6 x 8mm(x4)	
30	LV35339-001A	GEAR ASSY L		
31	GV40034-001A	DAMPER ASSY.		
32	QYSDST2004ZA	TAP SCREW	M2 x 4mm(x2)	
33	LV35340-001A	GEAR ASSY R		
34	GV40034-001A	DAMPER ASSY.		
35	QYSDST2004ZA	TAP SCREW	M2 x 4mm(x2)	
36	LV21838-001A	DOOR FRAME		
37	LV21837-003A	DOOR LENS A		
38	LV10969-001A	BOTTOM CHASSIS		
39	LV40301-002A	FELT SPACER	(x2)	
40	LV30225-071A	SPACER	(x2)	
41	QYSBST3006ZA	TAP SCREW	M3 x 6mm	
42	LV35306-001A	MD BRACKET(R)		
43	QYSBST3006ZA	TAP SCREW	M3 x 6mm(x2)	
44	LV35307-001A	MD BRACKET(L)		
45	QYSBST3006ZA	TAP SCREW	M3 x 6mm(x2)	
46	QYSBST3006ZA	TAP SCREW	M3 x 6mm	
47	QYSBST3006ZA	TAP SCREW	M3 x 6mm	
48	LV30225-0M5A	SPACER		
49	VYSH101-009	SPACER		
50	QYSBST3006ZA	TAP SCREW	M3 x 6mm(x2)	
51	LV30225-011A	SPACER	(x6)	
52	LV42035-002A	LASER CAUTION		
53	LV21832-001A	DVD HOLDER		
54	QYSBST3006ZA	TAP SCREW	M3 x 6mm	
55	LV35308-001A	PWB BRACKET	(x3)	
56	QYSBST3006EA	TAP SCREW	M3 x 6mm(x3)	
57	QYSDSF3010ZA	TAP SCREW	M3 x 10mm(x3)	
58	QAR0148-001	FAN MOTOR		
59	LV35310-001A	FAN HOLDER		
60	QYSBSF2610EA	TAP SCREW	M2.6 x 10mm(x2)	
61	QYSBST3006ZA	TAP SCREW	M3 x 6mm	
62	QAL0511-006	SW POWER UNIT		UB
62	QAL0511-007	SW POWER UNIT		UJ
63	QYSBST3004EA	TAP SCREW	M3 x 4mm	
64	LV30225-011A	SPACER		
65	LV35312-001A	SHIELD CASE B		
66	LV43407-008A	RUBBER SHEET	(x2)	
67	LV35311-001A	SHIELD CASE A		
68	LV35313-001A	HEAT SINK		
69	QYSDSG2606EA	TAP SCREW	M2.6 x 6mm	
70	LV43407-007A	RUBBER SHEET		
71	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
72	QYSBST3004EA	TAP SCREW	M3 x 4mm(x2)	
73	QYSBST3006ZA	TAP SCREW	M3 x 6mm	

△	Symbol No.	Part No.	Part Name	Description	Local
	74	QYSDSF3010ZA	TAP SCREW	M3 x 10mm	
	75	LV35315-005A	REAR PANEL		UB
	75	LV35315-006A	REAR PANEL		UJ
	76	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	77	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	78	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
	79	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	80	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	81	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	82	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	83	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	84	QZW0036-002	PC SUPPORT	(x2)	
	85	VYSH101-009	SPACER		
	86	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x3)	
	87	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	88	LV30225-011A	SPACER		
	89	QAU0346-001	TUNER	TU 1	
	90	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
	91	QYSDSG3006NA	TAP SCREW	M3 x 6mm(x3)	
	92	LV30225-071A	SPACER		
	93	LV30225-0Y4A	SPACER		
	94	LV30225-0Y5A	SPACER	(x3)	
	95	LV21823-001A/S/	METAL COVER		
	96	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
	97	QYSDSG3006NA	TAP SCREW	M3 x 6mm(x4)	
	98	LV35353-001A	TRAY FITTING		
	99	LV43963-001A	LICENSE LABEL		
	100	QJJ008-051400	SIN CR C-C WIRE		
	101	QJJ008-091404	SIN CR C-C WIRE		
	102	QJJ008-080703	SIN CR C-C WIRE		
	103	QJJ008-060704	SIN CR C-C WIRE		
	104	QJJ009-021302	SIN CR C-C WIRE		
	105	QUQ412-1111CJ	FFC WIRE	11pin 11cm	
	106	QUQ412-1918DJ	FFC WIRE	19pin 18cm	
	107	QUQ412-1528DJ	FFC WIRE	15pin 28cm	
	108	QUQ410-0810CJ	FFC WIRE	8pin 10cm	
	109	QUQ410-0911CJ	FFC WIRE	9pin 11cm	
	110	QUQ410-1716CJ	FFC WIRE	17pin 16cm	
	111	QUQ410-1516CJ	FFC WIRE	15pin 16cm	
	112	QUQ410-0512CJ	FFC WIRE	5pin 12cm	
	113	QUQ410-1915DJ	FFC WIRE	19pin 15cm	
	114	QUQ410-0810CJ	FFC WIRE	8pin 10cm	
	115	QUQ410-0810CJ	FFC WIRE	8pin 10cm	
	116	QUQ410-2117DJ	FFC WIRE	21pin 17cm	

Speaker assembly and parts list

(Front speaker)

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



The parts without symbol number are not service.

Speaker(Front speaker)

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

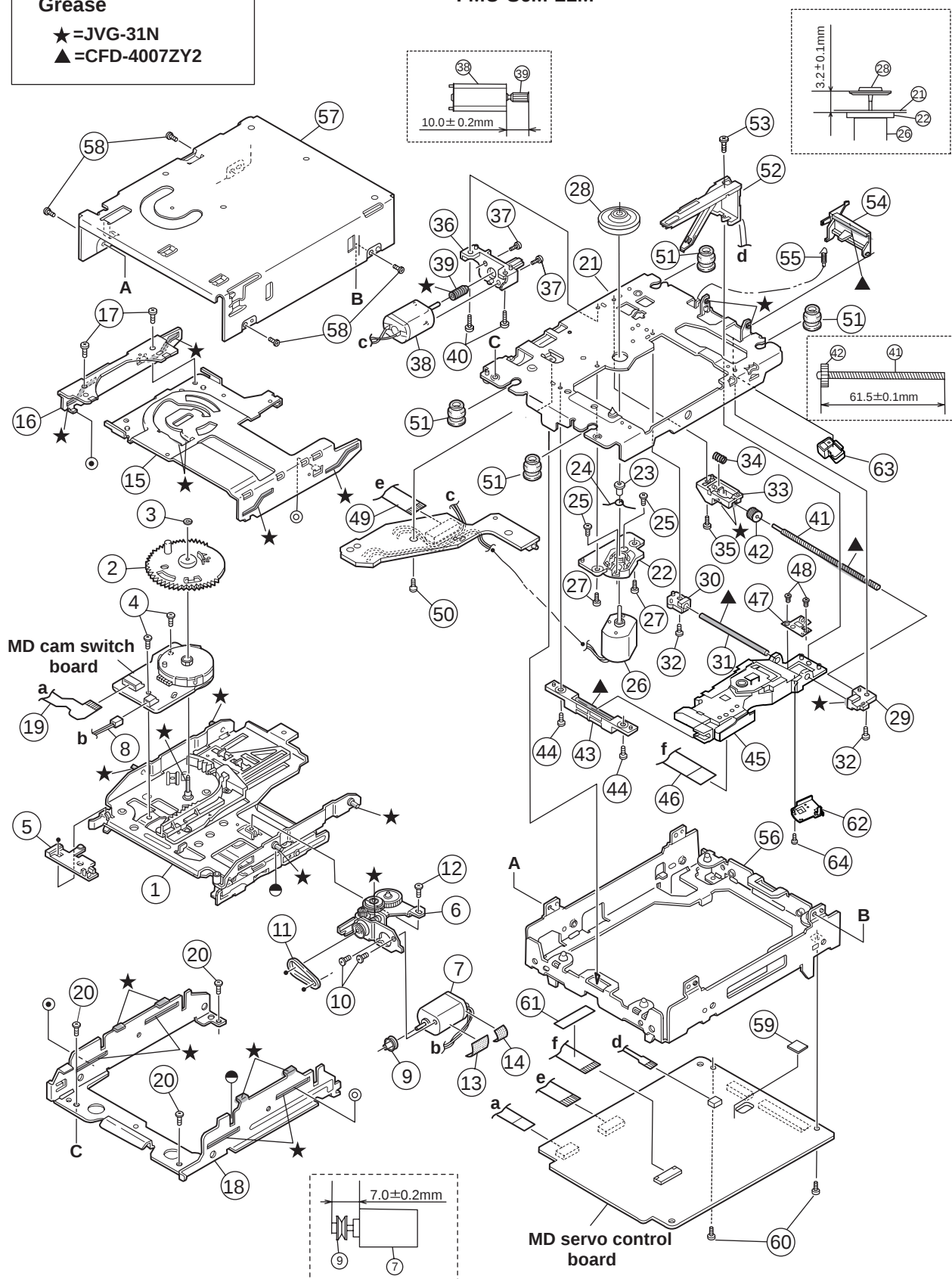
 Symbol No.	Part No.	Part Name	Description	Local
1	5600003311	HOLDER	(x8)	
2	9000007941	FOOT	(x8)	
3	LV21851-007A	SPK NET-L		
3	LV21851-008A	SPK NET-R		

MD mechanism assembly and parts list

Grease
 ★=JVG-31N
 ▲=CFD-4007ZY2

FMU-S6M-21M

Block No. **M E M M**



The parts without symbol number are not service.

MD mechanism

Block No. [M][E][M][M]

△	Symbol No.	Part No.	Part Name	Description	Local
	1	LV20548-033A	LOADING ASSY		
	2	LV31472-004A	CAM GEAR		
	3	QYWDL1230252	SLIT WASHER	3mm/1.2mm x 0.25mm	
	4	LV41477-004A	MINI TAP SCREW	(x2)	
	5	LV32168-002A	WIRE HOLDER		
	6	LV31710-002A	L.MOTOR ASSY		
	7	QAR0251-002	MOTOR		
	8	WJM0117-003A	E-SI C WIRE C-F		
	9	LV41341-001A	MOTOR PULLEY		
	10	QYSPSPT2020MA	SCREW	M2 x 2mm(x2)	
	11	LV41342-001A	BELT		
	12	LV41477-004A	MINI TAP SCREW		
	13	LV30225-068A	SPACER		
	14	LV30225-085A	SPACER		
	15	LV20543-003A	SLIDE BASE R		
	16	LV31483-001A	SLIDE BASE L		
	17	LV41477-004A	MINI TAP SCREW	(x2)	
	18	LV10286-004A	LOAD.MECHA BASE		
	19	LVB40003-001A	FPC		
	20	LV41477-004A	MINI TAP SCREW	(x3)	
	21	LV31709-004A	TM.CHASSIS ASSY		
	22	LV20545-003A	SP.MOTOR BASE		
	23	LE40515-001A	COLLAR		
	24	LV42825-001A	S.R.SPRING		
	25	QYSPSPU1720NA	SCREW	M1.7 x 2mm(x2)	
	26	QAR0179-001	SP.MOTOR		
	27	LV41477-004A	MINI TAP SCREW	(x2)	
	28	LE30470-203A	T.TABLE ASSY		
	29	LV41343-001A	SHAFT HOLDER R		
	30	LV41344-003A	SHAFT HOLDER F		
	31	VKH5803-001	GUIDE SHAFT		
	32	LV41477-004A	MINI TAP SCREW	(x2)	
	33	LV31484-001A	T.SPRING HOLDER		
	34	LV41350-001A	COMP.SPRING		
	35	LV41477-004A	MINI TAP SCREW		
	36	LV31485-001A	FEED MOTOR BKT		
	37	QYSPSPT2025NA	SCREW	M2 x 2.5mm(x2)	
	38	QAR0144-003	MOTOR		
	39	LV41345-001A	FEED WORM		
	40	LV41477-004A	MINI TAP SCREW	(x2)	
	41	LV42702-001A	SCREW SHAFT		
	42	LV41347-001A	S.SHAFT GEAR		
	43	LV33594-001A	PICK UP GUIDE		
	44	LV41477-004A	MINI TAP SCREW	(x2)	
△	45	QAL0424-003	MD PICK UP		
	46	QAL0430-001	FPC CABLE		
	47	LV41348-001A	RACK SPRING		
	48	QYSPSGT1425NA	TAP SCREW	M1.4 x 2.5mm(x2)	
	49	WJT0042-002A-E	E-CARD WIRE		
	50	LV41477-004A	MINI TAP SCREW		
	51	LV40761-003A	INSULATOR	(x4)	
	52	QAH0089-003	MD HEAD		
	53	LV43207-002A	SCREW		
	54	LV31487-004A	HEAD LIFTER		
	55	LV41349-001A	H.LIFTER SPRING		
	56	LV10284-002A	SINGLE FRAME		
	57	LV10285-005A	MECHA COVER		
	58	LV41477-004A	MINI TAP SCREW	(x4)	
	59	LV30225-073A	SPACER		
	60	VKZ4539-054	MINI SCREW	(x2)	
	61	LV30225-096A	SPACER		
	62	LV33488-001A	H.WIRE HOLDER 1		
	63	LV33606-001A	H.WIRE HOLDER 2		
	64	QYSPSGU1735MA	TAP SCREW	M1.7 x 3.5mm	

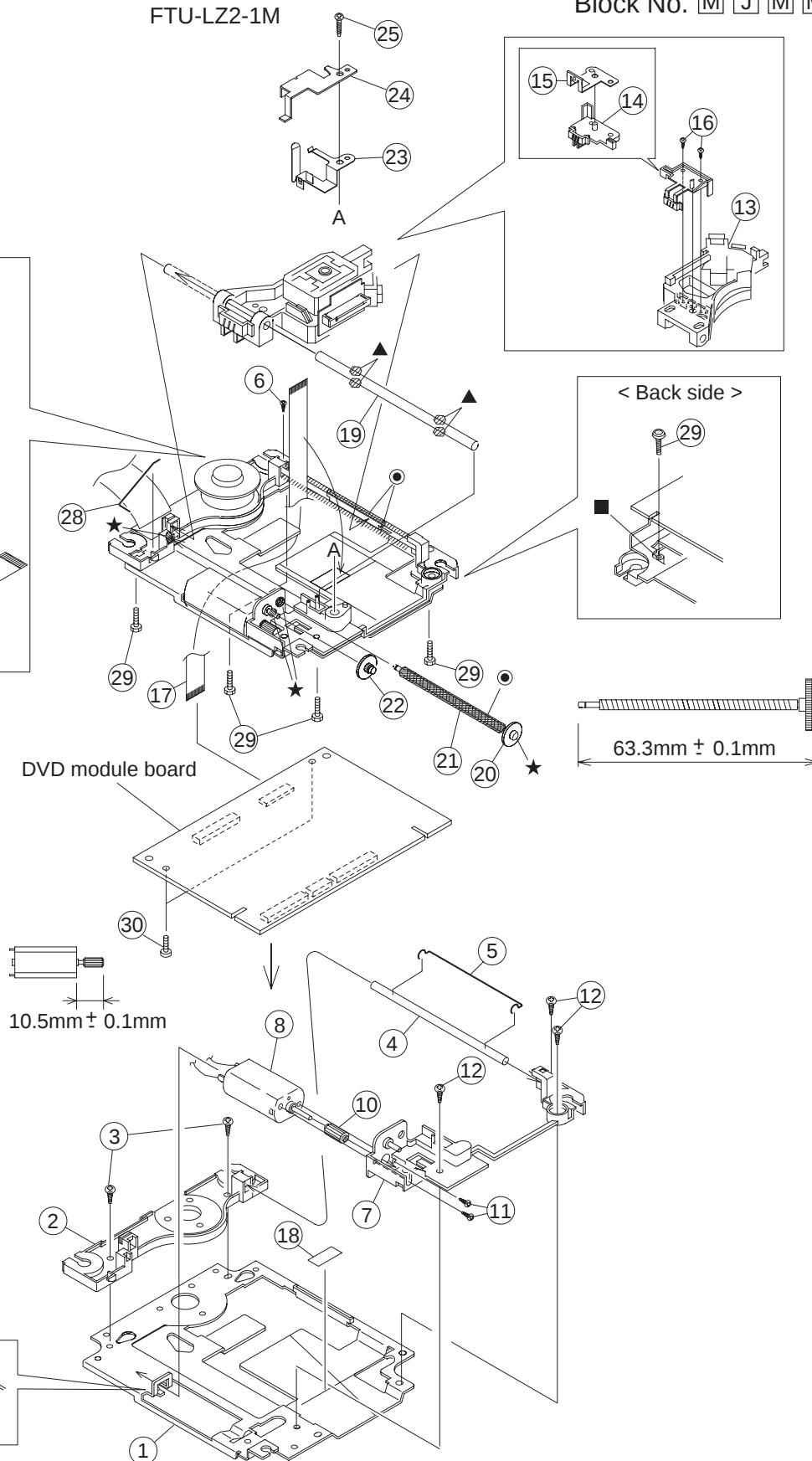
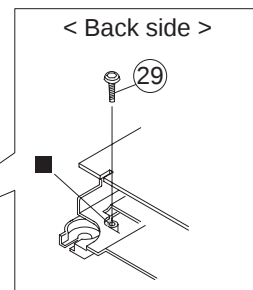
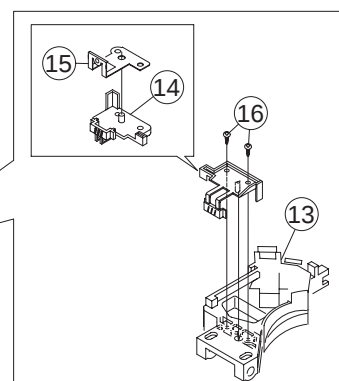
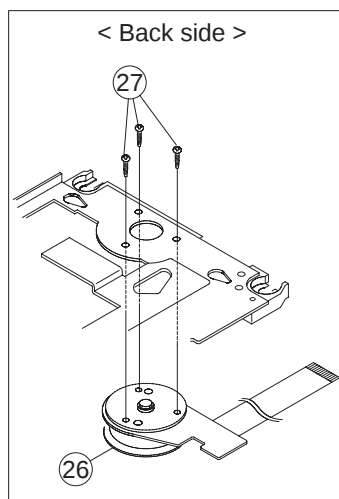
DVD mechanism assembly and parts list

FTU-LZ2-1M

Block No. M J M M

Grease

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



The parts without symbol number are not service.

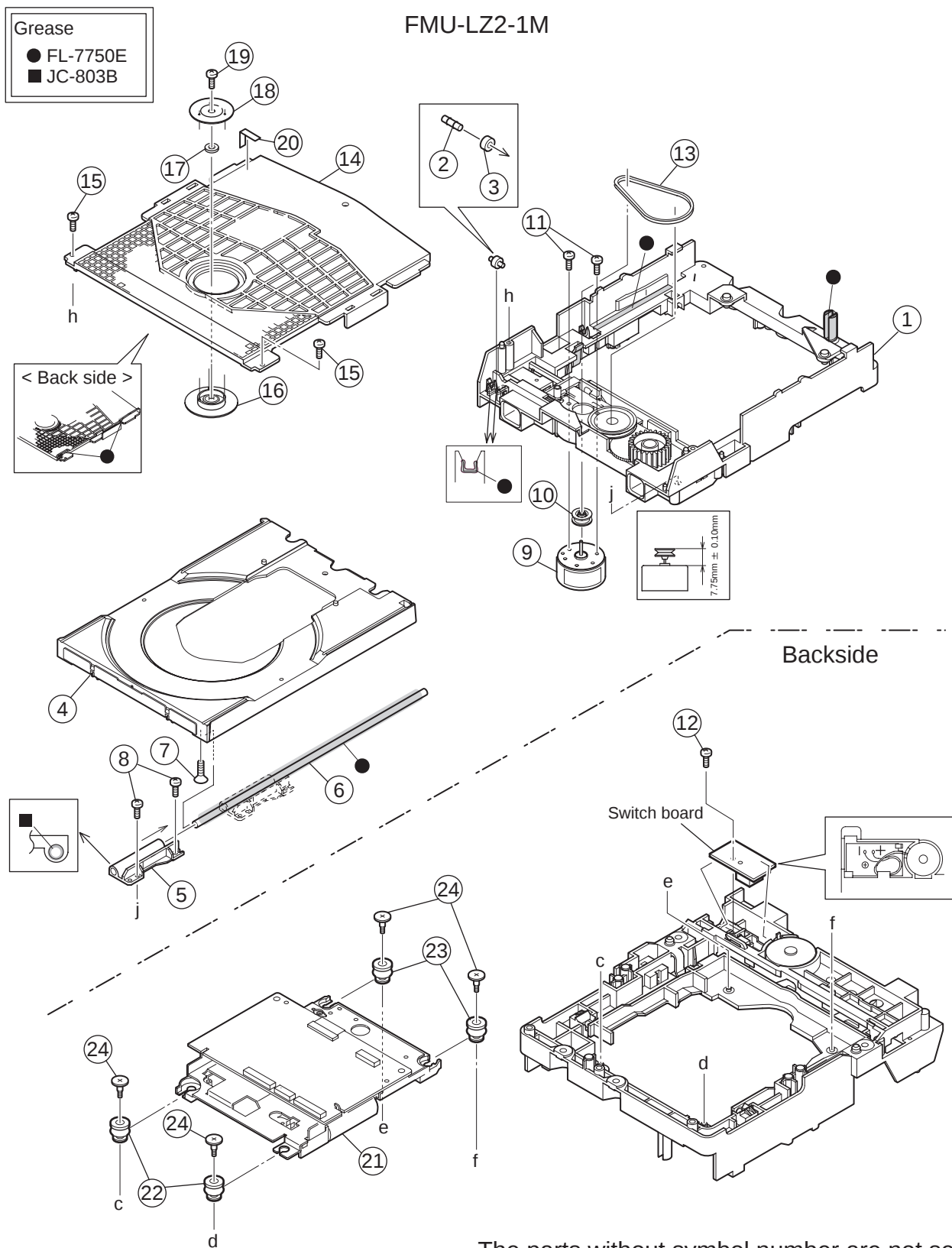
DVD mechanism

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		LV30225-0X5A	SPACER		
10		LV41510-201A	FEED GEAR T		
11		QYSPSPU2040M	SCREW	M2 x 4mm(x2)	
12		QYSDST2605M	TAP SCREW	M2.6 x 5mm(x3)	
13		QAL0577-002	P.UP		
14		LE20732-001A	SW ACTUATOR		
15		LE31093-001A	LEAD SPRING		
16		QYSPSFU1740Z	TAP SCREW	M1.7 x 4mm(x2)	
17		QUQ105-2412AC	FFC WIRE	24pin 12cm	
18		LV44007-001A	TAPE		
19		LE40931-001A	SHAFT		
20		LE40855-002A	FEED GEAR E		
21		LV41517-003A	LEAD SCREW		
22		LE40930-001A	FEED GEAR M		
23		LE40928-002A	THURUST SPRING		
24		LE40927-002A	PLATE		
25		QYSDST2614Z	TAP SCREW	M2.6 x 14mm	
26		QAR0334-001	S.MOTOR		
27		QYSPSPU1760Z	SCREW	M1.7 x 6mm(x3)	
28		LE40994-001A	T.SPRING		
29		LE40858-002A	SPECIAL SCREW	(x4)	
30		QYSDST2004Z	TAP SCREW	M2 x 4mm(x2)	

DVD loading base assembly and parts list

Block No. M N M M



DVD loading base

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

	Symbol No.	Part No.	Part Name	Description	Local
1		LV11064-001A	LOADER SUB ASSY		
2		E407140-001SS	C.D ROLLER		
3		E407149-001SS	RUBBER TUBE		
4		LV10979-001A	TRAY		
5		LV35383-002A	SHAFT GUIDE		
6		LV44022-001A	SHAFT		
7		QYSSSF2008ZA	TAP SCREW	M2 x 8mm	
8		QYSDSF2008ZA	TAP SCREW	M2 x 8mm(x2)	
9		QAR0197-001	MOTOR		
10		LV43844-001A	MOTOR PULLEY		
11		QYSPSPU1730ZA	SCREW	M1.7 x 3mm(x2)	
12		QYSDSF2008ZA	TAP SCREW	M2 x 8mm	
13		LV43974-001A	BELT		
14		LV21852-001A	CLAMPER BASE		
15		QYSDSF2008ZA	TAP SCREW	M2 x 8mm(x2)	
16		LV35056-001A	DVD CLAMPER		
17		LV42930-003A	P.C.MAGNET		
18		LV43848-001A	YOKE		
19		LE40906-002A	SPECIAL SCREW		
20		LV30225-011A	SPACER		
21		-----	DVD TRAMECHA UN		
22		LE40900-003A	INSULATOR	(x2)	
23		LE40900-005A	INSULATOR	(x2)	
24		LE40901-002A	SPECIAL SCREW	(x4)	

Electrical parts list

Main board

Block No. [0][1]

△ Symbol No.	Part No.	Part Name	Description	Local
IC491	BA3121F-X	IC		
IC492	BA3121F-X	IC		
IC601	MM1623XF-X	IC		
IC602	SN74AHCT08NS-X	IC		
IC603	SN74LVC08ANS-X	IC		
IC851	GP1UM261XKVF	IR DETECT UNIT		
Q4191	KTC3875/YG/-X	SI TRANSISTOR		
Q4192	2SB709A/R/-X	TRANSISTOR		
Q4291	KTC3875/YG/-X	SI TRANSISTOR		
Q4292	2SB709A/R/-X	TRANSISTOR		
Q4391	KTC3875/YG/-X	SI TRANSISTOR		
Q4392	2SB709A/R/-X	TRANSISTOR		
Q4491	KTC3875/YG/-X	SI TRANSISTOR		
Q4492	2SB709A/R/-X	TRANSISTOR		
Q4801	2SB709A/R/-X	TRANSISTOR		
Q4802	2SD2144S/VW/-T	TRANSISTOR		
Q6001	UN2214-X	TRANSISTOR		
Q8101	UN2211-X	TRANSISTOR		
Q8102	UN2211-X	TRANSISTOR		
Q8701	KTC3875/YG/-X	SI TRANSISTOR		
Q8702	KTC3875/YG/-X	SI TRANSISTOR		
D4801	MTZJ5.6C-T2	Z DIODE		
D6001	MTZJ3.3B-T2	Z DIODE		
D6002	1SS133-T2	SI DIODE		
D8102	SPR-39MVWF	LED	RED-GREEN	
D8701	SLR-343VC-T	LED		
D8702	SLR-343VC-T	LED		
C4176	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C4191	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C4192	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C4193	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C4276	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C4291	QTE1V06-226Z	E CAPACITOR	22uF 35V	
C4292	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C4293	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C4391	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C4392	QEK1CM-106Z	E CAPACITOR	10uF 16V M	
C4393	QEK1CM-106Z	E CAPACITOR	10uF 50V M	
C4491	QETN1CM-226Z	E CAPACITOR	22uF 16V M	
C4492	QEK1CM-106Z	E CAPACITOR	10uF 16V M	
C4493	QEK1CM-106Z	E CAPACITOR	10uF 50V M	
C4804	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4892	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C4991	QEK1CM-227Z	E CAPACITOR	220uF 16V M	
C4992	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C6001	QETN1AM-477Z	E CAPACITOR	470uF 10V M	
C6002	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C6003	QFV61HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C6004	QFV61HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C6005	QFV61HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C6006	QFV61HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C6007	QFV61HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C6008	QETN1EM-226Z	E CAPACITOR	22uF 25V M	
C6013	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C6014	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C6021	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6022	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6023	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6024	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C6025	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C6026	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C6027	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6091	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6092	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C6093	QFV61HJ-104Z	MF CAPACITOR	0.1uF 50V J	
C6094	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C6095	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C6096	NDC31HJ-181X	C CAPACITOR	180pF 50V J	

△ Symbol No.	Part No.	Part Name	Description	Local
C6097	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6098	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C8501	QER61CM-226Z	E CAPACITOR	22uF 16V M	
C8502	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C8601	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C8607	QER61CM-107Z	E CAPACITOR	100uF 16V M	
C8608	NCF21HZ-104X	C CAPACITOR	0.1uF 50V Z	
C8609	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
R4191	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4192	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R4193	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R4291	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4292	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R4293	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R4393	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R4394	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4493	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R4494	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4803	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R4804	NRSA63J-751X	MG RESISTOR	750Ω 1/16W J	
R4806	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R4807	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R4808	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R4809	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R4810	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4811	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R4812	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R4818	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4895	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R4896	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R4897	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R4907	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R4908	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R4991	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R4992	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R6001	NRSA63J-621X	MG RESISTOR	620Ω 1/16W J	
R6002	NRSA63J-241X	MG RESISTOR	240Ω 1/16W J	
R6003	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R6004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R6005	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R6006	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R6007	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R6008	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R6009	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R6010	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R6014	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R6015	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
△ R6016	QRZ9015-2R2X	FUSI RESISTOR	2.2Ω	
R6021	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6022	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6023	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6091	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6092	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6093	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R8101	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R8102	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R8301	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R8302	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R8303	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R8304	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R8305	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R8306	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R8307	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R8308	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8309	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8310	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R8602	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R8603	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R8604	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R8605	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R8701	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R8702	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R8802	NRSA63J-202X	MG RESISTOR	2kΩ 1/16W J	
R8803	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R8804	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local
R8805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R8806	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R8807	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
L4801	QQL244K-4R7Z	COIL	4.7uH K	
L8601	QQL244K-100Z	COIL	10uH K	
CN401	QGA2501F1-04	CONNECTOR	W-B (1-4)	
CN601	QGF1205F1-15	CONNECTOR	FFC/FPC (1-15)	
CN602	QGF1205F1-19	CONNECTOR	FFC/FPC (1-19)	
CN603	QGF1036C1-08	CONNECTOR	FFC/FPC (1-8)	
CN604	QGF1036C1-09	CONNECTOR	FFC/FPC (1-9)	
CN605	QGA2501C1-06	CONNECTOR	W-B (1-6)	
CN606	QGA2501C1-08	CONNECTOR	W-B (1-8)	
CN831	QGB2024J1-06S	CONNECTOR	B-B (1-6)	
CN861	QGF1016F3-19	CONNECTOR	FFC/FPC (1-19)	
CN881	QGB2024K1-06S	CONNECTOR	B-B (1-6)	
DI861	QLF0147-001	FL TUBE		
EP402	QNZ0136-001Z	EARTH PLATE		
J4001	QNS0170-001	HEADPHONE JACK		
J6002	QNN0386-001	PIN JACK		
J6004	QNN0557-002	PIN JACK		
K6001	QQR0621-001Z	COIL		
S8301	QSW0683-001Z	PUSH SW		
S8302	QSW0683-001Z	PUSH SW		
S8303	QSW0683-001Z	PUSH SW		
S8304	QSW0683-001Z	PUSH SW		
S8305	QSW0683-001Z	PUSH SW		
S8306	QSW0683-001Z	PUSH SW		
S8307	QSW0683-001Z	PUSH SW		
S8308	QSW0683-001Z	PUSH SW		
S8309	QSW0683-001Z	PUSH SW		
S8310	QSW0683-001Z	PUSH SW		
S8311	QSW0683-001Z	PUSH SW		
S8801	QSW0683-001Z	PUSH SW		
S8802	QSW0683-001Z	PUSH SW		
S8803	QSW0683-001Z	PUSH SW		
S8804	QSW0683-001Z	PUSH SW		
S8805	QSW0683-001Z	PUSH SW		
S8806	QSW0683-001Z	PUSH SW		
S8807	QSW0683-001Z	PUSH SW		
S8808	QSW0683-001Z	PUSH SW		

Micom board

Block No. [0][2]

△ Symbol No.	Part No.	Part Name	Description	Local
IC211	SN74LV14ANS-X	IC		
IC212	TC74VHC74F-X	IC		
IC221	UPC339G2-W	IC		
IC401	NJM4565M-WE	IC		
IC471	NJM4565M-WE	IC		
IC493	SN74LV00ANS-X	IC		
IC501	LC75347E-W	VOL.IC		
IC502	CD4066BM-X	IC		
IC503	CD4066BM-X	IC		
IC504	NJM2058M-X	IC		
IC505	NJM2058M-X	IC		
IC506	NJM2058M-X	IC		
IC507	NJM4565M-WE	IC		
IC508	NJM4565M-WE	IC		
IC509	NJM4565M-WE	IC		
IC611	GP1FAV30TK0F	OPT TRANSMITTER		
IC612	GP1FAV30RK0F	OPT RECEIVER		
IC613	GP1FAV30RK0F	OPT RECEIVER		
IC701	UPD784217AGF541	IC		UB
IC701	UPD784217AGF542	IC		UJ
IC771	BR24L02F-W-X	IC		
IC791	LB1641	IC		
Q2001	KTC3875/YG/-X	SI TRANSISTOR		
△ Q2002	TPC8010-H-X	POWER MOS FET		
Q2003	UN2113-X	DIGI TRANSISTOR		

△ Symbol No.	Part No.	Part Name	Description	Local
Q2004	UN211L-X	TRANSISTOR		
Q2005	2SB709A/R/-X	TRANSISTOR		
△ Q2008	2SB709A/R/-X	TRANSISTOR		
Q2009	UN2115-X	D.TRANSISTOR		
Q2010	UN2213-X	DIGI TRANSISTOR		
Q2011	KTC3875/YG/-X	SI TRANSISTOR		
Q2012	2SB709A/R/-X	TRANSISTOR		
Q2101	KTC3875/YG/-X	SI TRANSISTOR		
Q2102	2SB709A/R/-X	TRANSISTOR		
Q2103	KTC3875/YG/-X	SI TRANSISTOR		
Q2104	2SB709A/R/-X	TRANSISTOR		
Q2201	KTC3875/YG/-X	SI TRANSISTOR		
Q2202	2SB709A/R/-X	TRANSISTOR		
△ Q2203	RSQ035P03-W	MOS FET		
Q2204	KTC3875/YG/-X	SI TRANSISTOR		
Q2301	KTC3875/YG/-X	SI TRANSISTOR		
Q2302	KTC3875/YG/-X	SI TRANSISTOR		
Q2303	2SB709A/R/-X	TRANSISTOR		
Q2304	KTC3875/YG/-X	SI TRANSISTOR		
Q2305	2SB709A/R/-X	TRANSISTOR		
△ Q2306	RSQ035P03-W	MOS FET		
Q2307	KTC3875/YG/-X	SI TRANSISTOR		
Q2401	KTC3875/YG/-X	SI TRANSISTOR		
Q2402	2SB709A/R/-X	TRANSISTOR		
△ Q2403	RSQ035P03-W	MOS FET		
Q2404	KTC3875/YG/-X	SI TRANSISTOR		
Q2501	UN2115-X	D.TRANSISTOR		
Q2502	UN2115-X	D.TRANSISTOR		
Q2601	UN2213-X	DIGI TRANSISTOR		
Q2602	UN2113-X	DIGI TRANSISTOR		
Q2604	UN2115-X	D.TRANSISTOR		
Q2605	UN2115-X	D.TRANSISTOR		
Q2606	UN2115-X	D.TRANSISTOR		
Q2701	UN2213-X	DIGI TRANSISTOR		
Q2702	UN2113-X	DIGI TRANSISTOR		
Q2703	RDS035L03-X	MOS FET		
Q2704	UN2115-X	D.TRANSISTOR		
Q2706	UN2115-X	D.TRANSISTOR		
Q2801	KTb772/Y/	TRANSISTOR		
Q2802	2SD2114K/VW/-X	TRANSISTOR		
Q2803	KTA1273/Y/-T	TRANSISTOR		
Q2901	UN2115-X	D.TRANSISTOR		
Q2902	KTb772/Y/	TRANSISTOR		
Q2903	KTC3875/YG/-X	SI TRANSISTOR		
Q2931	UN211E-X	DIGI TRANSISTOR		
Q2932	2SC3661-X	TRANSISTOR		
Q4101	2SC3661-X	TRANSISTOR		
Q4102	2SC3661-X	TRANSISTOR		
Q4125	KTC3875/YG/-X	SI TRANSISTOR		
Q4201	2SC3661-X	TRANSISTOR		
Q4202	2SC3661-X	TRANSISTOR		
Q4225	KTC3875/YG/-X	SI TRANSISTOR		
Q4812	UN2111-X	TRANSISTOR		
Q4813	2SC3661-X	TRANSISTOR		
Q4814	UN2214-X	TRANSISTOR		
Q4871	KTC3875/YG/-X	SI TRANSISTOR		
Q4872	KTC3875/YG/-X	SI TRANSISTOR		
Q4873	KTC3875/YG/-X	SI TRANSISTOR		
Q4901	UN211L-X	TRANSISTOR		
△ Q4959	2SC3661-X	TRANSISTOR		
Q5801	UN221E-X	TRANSTSTOR		
Q5802	UN221E-X	TRANSTSTOR		
Q5803	UN2113-X	DIGI TRANSISTOR		
Q5804	UN2113-X	DIGI TRANSISTOR		
Q5805	UN2113-X	DIGI TRANSISTOR		
Q5806	UN2113-X	DIGI TRANSISTOR		
Q5807	2SD2114K/VW/-X	TRANSISTOR		
Q5808	2SD2114K/VW/-X	TRANSISTOR		
Q5809	2SD2114K/VW/-X	TRANSISTOR		
Q5810	2SD2114K/VW/-X	TRANSISTOR		
Q5811	2SD2114K/VW/-X	TRANSISTOR		
Q5812	UN2214-X	TRANSISTOR		
Q5901	2SC3661-X	TRANSISTOR		
Q7301	2SD601A/RS/-X	TRANSISTOR		
Q7302	KTC3875/YG/-X	SI TRANSISTOR		
Q7303	UN2111-X	TRANSISTOR		
Q7304	UN2211-X	TRANSISTOR		
Q7501	KTA1273/Y/-T	TRANSISTOR		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
Q7502	KTC3875/YG/-X	SI TRANSISTOR			C2402	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
Q7601	UN2214-X	TRANSISTOR			C2404	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
Q7602	UN2113-X	DIGI TRANSISTOR			C2405	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
Q7603	UN2115-X	D TRANSISTOR			C2551	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
△ Q7604	KTC3875/YG/-X	SI TRANSISTOR			C2552	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
Q7801	UN2214-X	TRANSISTOR			C2601	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
D2001	1SS133-T2	SI DIODE			C2652	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
D2002	MTZJ15B-T2	Z DIODE			C2701	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
D2003	MTZJ24B-T2	Z DIODE			C2754	QETN1EM-227Z	E CAPACITOR	220uF 25V M	
D2005	1SS133-T2	SI DIODE			C2801	NCB31CK-333X	C CAPACITOR	0.033uF 16V K	
D2006	MTZJ6.2B-T2	Z DIODE			C2802	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
D2007	MTZJ8.2B-T2	Z DIODE			C2803	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
D2008	MTZJ12B-T2	Z DIODE			C2901	QETN1EM-106Z	E CAPACITOR	10uF 25V M	
D2009	1SS133-T2	SI DIODE			C2902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D2101	MTZJ5.1B-T2	Z DIODE			C2931	QTE1C06-226Z	E CAPACITOR	22uF 16V	
D2102	1SS133-T2	SI DIODE			C4101	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
D2103	1SS133-T2	SI DIODE			C4102	NCB31HK-221X	C CAPACITOR	220pF 50V K	
D2201	RB161L-40-X	SB DIODE			C4103	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
D2202	MTZJ3.6B-T2	Z DIODE			C4104	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
D2301	1SS133-T2	SI DIODE			C4126	NCB31HK-221X	C CAPACITOR	220pF 50V K	
D2302	1SS133-T2	SI DIODE			C4128	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
D2303	RB161L-40-X	SB DIODE			C4129	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
D2304	MTZJ5.1A-T2	Z DIODE			C4159	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D2402	RB161L-40-X	SB DIODE			C4172	QFVF1HJ-824Z	MF CAPACITOR	0.82uF 50V J	
D2403	MTZJ10B-T2	Z DIODE			C4173	QFVF1HJ-683Z	MF CAPACITOR	0.068uF 50V J	
D2501	1SR139-400-T2	SI DIODE			C4174	QFVF1HJ-683Z	MF CAPACITOR	0.068uF 50V J	
D2901	MTZJ5.1A-T2	Z DIODE			C4175	QTE1V06-106Z	E CAPACITOR	10uF 35V	
D4871	1SS133-T2	SI DIODE			C4201	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
D4872	MTZJ4.7B-T2	Z DIODE			C4202	NCB31HK-221X	C CAPACITOR	220pF 50V K	
D7044	1SS133-T2	SI DIODE			C4203	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
D7301	RB521S-30-X	SB DIODE			C4204	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
D7302	1SS133-T2	SI DIODE			C4226	NCB31HK-221X	C CAPACITOR	220pF 50V K	
D7303	1SS133-T2	SI DIODE			C4228	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
D7304	MTZJ8.2B-T2	Z DIODE			C4229	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
D7305	MTZJ9.1B-T2	Z DIODE			C4259	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D7306	1SS133-T2	SI DIODE			C4272	QFVF1HJ-824Z	MF CAPACITOR	0.82uF 50V J	
D7307	1SS133-T2	SI DIODE			C4273	QFVF1HJ-683Z	MF CAPACITOR	0.068uF 50V J	
D7308	1SS133-T2	SI DIODE			C4274	QFVF1HJ-683Z	MF CAPACITOR	0.068uF 50V J	
D7501	MA700A-T2	SB DIODE			C4275	QTE1V06-106Z	E CAPACITOR	10uF 35V	
D7601	MTZJ10B-T2	Z DIODE			C4376	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D7801	1SS133-T2	SI DIODE			C4476	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D7802	MTZJ6.2C-T2	Z DIODE			C4612	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
D7902	MTZJ4.7C-T2	Z DIODE			C4813	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1181	NCS31HJ-221X	C CAPACITOR	220pF 50V J		C4814	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1182	NCB31EK-332X	C CAPACITOR	3300pF 25V K		C4815	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1185	NCS31HJ-221X	C CAPACITOR	220pF 50V J		C4816	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1281	NCS31HJ-221X	C CAPACITOR	220pF 50V J		C4817	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1282	NCB31EK-332X	C CAPACITOR	3300pF 25V K		C4818	QETN1CM-226Z	E CAPACITOR	22uF 16V M	
C1286	NCS31HJ-221X	C CAPACITOR	220pF 50V J		C4872	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1287	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C4873	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C1381	NCS31HJ-221X	C CAPACITOR	220pF 50V J		C4874	QETN1CM-337Z	E CAPACITOR	330uF 16V M	
C1382	NCB31EK-332X	C CAPACITOR	3300pF 25V K		C4903	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1386	NCS31HJ-221X	C CAPACITOR	220pF 50V J		C4904	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C1481	NCS31HJ-221X	C CAPACITOR	220pF 50V J		C4905	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1482	NCB31EK-332X	C CAPACITOR	3300pF 25V K		C4906	QETN1CM-226Z	E CAPACITOR	22uF 16V M	
C1485	NCS31HJ-221X	C CAPACITOR	220pF 50V J		C4907	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2002	QEZ0536-828	E CAPACITOR	8200uF		C4908	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C2005	QETN1HM-226Z	E CAPACITOR	22uF 50V M		C4909	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C2006	QETN1EM-227Z	E CAPACITOR	220uF 25V M		C4959	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C2008	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		C4971	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2101	NDC31HJ-102X	C CAPACITOR	1000pF 50V J		C5103	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	
C2102	NCB31CK-683X	C CAPACITOR	0.068uF 16V K		C5104	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2103	NDC31HJ-331X	C CAPACITOR	330pF 50V J		C5105	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C2104	NCB31HK-331X	C CAPACITOR	330pF 50V K		C5106	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	
C2201	NCB31HK-152X	C CAPACITOR	1500pF 50V K		C5108	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C2202	QETN1HM-106Z	E CAPACITOR	10uF 50V M		C5109	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C2203	NCB31HK-333X	C CAPACITOR	0.033uF 50V K		C5110	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C2204	QETN1CM-227Z	E CAPACITOR	220uF 16V M		C5111	QETN1HM-104Z	E CAPACITOR	0.1uF 50V M	
C2205	NCB31CK-103X	C CAPACITOR	0.01uF 16V K		C5112	QETN1HM-104Z	E CAPACITOR	0.1uF 50V M	
C2301	NDC31HJ-471X	C CAPACITOR	470pF 50V J		C5113	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C2302	NCB31HK-152X	C CAPACITOR	1500pF 50V K		C5114	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C2303	NCB31CK-683X	C CAPACITOR	0.068uF 16V K		C5115	QTE1V06-226Z	E CAPACITOR	22uF 35V	
C2304	QETN1HM-106Z	E CAPACITOR	10uF 50V M		C5116	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	
C2306	QETN1CM-477Z	E CAPACITOR	470uF 16V M		C5117	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C2307	NCB31CK-103X	C CAPACITOR	0.01uF 16V K		C5119	QFN31HJ-332Z	M CAPACITOR	3300pF 50V J	
C2401	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C5203	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	
					C5204	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
					C5205	NDC31HJ-221X	C CAPACITOR	220pF 50V J	

△ Symbol No.	Part No.	Part Name	Description	Local
C5206	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	
C5208	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C5209	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C5210	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C5211	QETN1HM-104Z	E CAPACITOR	0.1uF 50V M	
C5212	QETN1HM-104Z	E CAPACITOR	0.1uF 50V M	
C5213	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C5214	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C5215	QTE1V06-226Z	E CAPACITOR	22uF 35V	
C5216	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M	
C5217	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C5219	QFN31HJ-332Z	M CAPACITOR	3300pF 50V J	
C5301	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C5302	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C5303	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C5304	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C5305	QETN1CM-226Z	E CAPACITOR	22uF 16V M	
C5314	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5315	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C5401	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C5402	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C5403	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C5404	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C5405	QETN1CM-226Z	E CAPACITOR	22uF 16V M	
C5414	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5415	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C5501	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C5502	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C5515	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C5601	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C5602	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5614	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C5615	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C5801	NCF31HZ-333X	C CAPACITOR	0.033uF 50V Z	
C5811	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5902	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C5903	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C5904	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C5905	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C5906	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C5907	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C5908	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C5909	QTE1C06-476Z	E CAPACITOR	47uF 16V	
C5910	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C5911	QETN1CM-226Z	E CAPACITOR	22uF 16V M	
C5912	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C5913	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C5914	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7037	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C7038	QCFB1HZ-105Y	C CAPACITOR	1uF 50V Z	
C7043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7054	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7055	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7057	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7059	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C7151	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7190	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C7301	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C7302	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C7303	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C7304	QETL0JM-228	E CAPACITOR	2200uF 6.3V M	
C7403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7404	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7451	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C7452	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C7501	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C7502	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C7601	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7602	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C7603	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C7653	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C7654	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C7655	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C7656	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C7701	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C7702	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7802	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C7903	QEK1CM-227Z	E CAPACITOR	220uF 16V M	

△ Symbol No.	Part No.	Part Name	Description	Local
C7904	QCB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C7905	QCFB1HZ-105Y	C CAPACITOR	1uF 50V Z	
C7906	QEK1CM-227Z	E CAPACITOR	220uF 16V M	
R2001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2002	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R2003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2005	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R2006	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R2007	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2008	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2009	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2010	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
△ R2011	QRT01DJ-R47X	MF RESISTOR	0.47Ω 1W J	
△ R2014	QRZ9015-100X	FUSI RESISTOR	10Ω	
R2015	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R2016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2017	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R2018	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R2020	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2021	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R2022	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R2023	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2024	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2025	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2026	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2027	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R2101	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2103	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2104	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2105	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2106	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2107	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2108	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2109	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2110	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2111	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2112	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R2113	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2114	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R2201	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2202	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R2203	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2204	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R2205	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2206	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R2207	QRE141J-681Y	C RESISTOR	680Ω 1/4W J	
R2208	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R2209	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2210	NRSA63J-121X	MG RESISTOR	120Ω 1/16W J	
R2301	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R2302	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2303	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2304	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2305	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2306	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R2307	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R2308	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2309	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2310	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R2311	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2313	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R2314	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2315	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2316	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2317	NRSA63J-131X	MG RESISTOR	130Ω 1/16W J	
R2401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2403	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2404	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2405	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R2406	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2407	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2409	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R2410	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R2411	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2412	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R2501	QRT01DJ-R39X	MF RESISTOR	0.39Ω 1W J		R4274	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2502	QRT01DJ-R56X	MF RESISTOR	0.56Ω 1W J		R4275	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R2551	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4276	NRSA63J-242X	MG RESISTOR	2.4kΩ 1/16W J	
R2571	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J		R4277	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2572	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		R4278	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R2601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4279	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2602	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J		R4611	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2603	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R4801	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J	
R2604	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		R4802	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2605	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4805	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2606	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4813	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2607	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J		R4814	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2608	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		R4815	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R2609	QRT01DJ-R56X	MF RESISTOR	0.56Ω 1W J		R4816	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2610	QRT01DJ-R47X	MF RESISTOR	0.47Ω 1W J		R4817	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2611	QRT01DJ-R56X	MF RESISTOR	0.56Ω 1W J		R4825	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R2701	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		△ R4871	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R2702	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J		R4873	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2703	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R4874	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2704	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		R4875	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R2705	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4876	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2706	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4877	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R2707	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J		R4878	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2708	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		R4892	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R2709	QRT01DJ-R22X	MF RESISTOR	0.22Ω 1W J		R4898	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R2710	QRT01DJ-R33X	MF RESISTOR	0.33Ω 1W J		R4905	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R2711	QRT01DJ-2R2X	MF RESISTOR	2.2Ω 1W J		R4906	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R2803	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R4958	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2804	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J		△ R4959	QRZ9015-4R7X	FUSI RESISTOR	4.7Ω	
R2805	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R5101	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R2806	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R5102	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2807	NRSA63J-361X	MG RESISTOR	360Ω 1/16W J		R5103	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2808	NRSA63J-751X	MG RESISTOR	750Ω 1/16W J		R5104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2809	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R5105	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2901	QRT01DJ-R39X	MF RESISTOR	0.39Ω 1W J		R5106	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2902	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R5107	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2903	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R5108	NRSA63J-622X	MG RESISTOR	6.2kΩ 1/16W J	
R2931	QRE141J-6R8Y	C RESISTOR	6.8Ω 1/4W J		R5109	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R2932	QRE141J-100Y	C RESISTOR	10Ω 1/4W J		R5110	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2933	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R5111	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R4101	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R5112	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R4102	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R5113	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R4103	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		R5114	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R4105	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R5115	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R4106	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R5201	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R4107	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R5202	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R4110	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R5203	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4111	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R5204	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4112	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R5205	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4127	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J		R5206	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R4128	NRSA63J-913X	MG RESISTOR	91kΩ 1/16W J		R5207	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R4129	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R5208	NRSA63J-622X	MG RESISTOR	6.2kΩ 1/16W J	
R4130	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		R5209	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R4131	NRSA63J-242X	MG RESISTOR	2.4kΩ 1/16W J		R5210	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R4172	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J		R5211	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R4173	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		R5212	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R4174	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R5213	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R4175	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R5214	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R4176	NRSA63J-242X	MG RESISTOR	2.4kΩ 1/16W J		R5215	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R4177	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R5301	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4178	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		R5302	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4179	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R5304	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4201	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R5305	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R4202	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R5306	NRSA63J-911X	MG RESISTOR	910Ω 1/16W J	
R4203	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		R5314	NRSA63J-133X	MG RESISTOR	13kΩ 1/16W J	
R4205	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R5401	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4206	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R5402	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4207	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R5404	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4210	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R5405	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R4211	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R5406	NRSA63J-911X	MG RESISTOR	910Ω 1/16W J	
R4212	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R5414	NRSA63J-133X	MG RESISTOR	13kΩ 1/16W J	
R4227	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J		R5501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4228	NRSA63J-913X	MG RESISTOR	91kΩ 1/16W J		R5502	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4229	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R5504	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R4230	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		R5505	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R4231	NRSA63J-242X	MG RESISTOR	2.4kΩ 1/16W J		R5506	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R4272	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J		R5507	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R4273	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		R5508	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R5509	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R7048	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5510	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R7049	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R7050	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5512	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7053	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5513	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7054	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5601	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7055	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7056	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5603	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R7057	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5604	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R7058	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5605	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J		R7059	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5606	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R7060	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5607	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7062	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R5608	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R5609	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R7066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R5610	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R7067	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R5611	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J		R7068	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5613	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7069	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R5614	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R7070	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R5801	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R7071	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5802	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R7072	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5803	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7073	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R5804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7074	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R5805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7075	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R5806	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R7076	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5807	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R7078	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5808	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7079	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5809	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7080	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5810	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R7081	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5811	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R7082	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5901	QRE141J-151Y	C RESISTOR	150Ω 1/4W J		R7083	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5902	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R7084	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5903	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R7085	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5904	QRE141J-151Y	C RESISTOR	150Ω 1/4W J		R7086	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5905	QRE141J-151Y	C RESISTOR	150Ω 1/4W J		R7087	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5906	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R7088	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5907	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R7090	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5908	QRE141J-151Y	C RESISTOR	150Ω 1/4W J		R7091	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J	
R5909	QRE141J-151Y	C RESISTOR	150Ω 1/4W J		R7092	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5911	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R7093	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
△ R5912	QRZ9015-4R7X	FUSI RESISTOR	4.7Ω		R7094	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5913	QRE141J-151Y	C RESISTOR	150Ω 1/4W J		R7095	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5914	QRE141J-151Y	C RESISTOR	150Ω 1/4W J		R7096	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R7099	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7001	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7002	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7116	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7003	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7124	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	UB
R7004	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7127	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7005	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7128	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7006	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7132	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7007	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7149	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7008	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7151	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7010	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		R7153	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7011	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7154	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7012	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7158	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7013	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7169	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7014	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7170	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7015	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7224	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	UJ
R7016	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7251	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	UJ
R7017	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		△ R7301	QRZ9015-2R2X	FUSI RESISTOR	2.2Ω	
R7018	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7302	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7021	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7303	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7022	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7304	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7024	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7305	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7026	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R7306	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7027	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7307	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7028	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7308	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7029	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7309	QRE141J-331Y	C RESISTOR	330Ω 1/4W J	
R7030	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7501	NRSA63J-751X	MG RESISTOR	750Ω 1/16W J	
R7032	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7033	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7503	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R7034	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7504	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R7035	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		△ R7602	QRZ9015-3R9X	FUSI RESISTOR	3.9Ω	
R7043	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7044	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7702	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7045	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7801	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7046	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R7802	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7047	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7803	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C1206	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C1426	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C1207	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		C1427	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C1208	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C1428	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C1209	NCB31HK-471X	C CAPACITOR	470pF 50V K		C1429	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	
C1210	QTE1H06-475Z	E CAPACITOR	4.7uF 50V		C1430	QFVF1HJ-684Z	MF CAPACITOR	0.68uF 50V J	
C1211	NDC31HJ-181X	C CAPACITOR	180pF 50V J		C1432	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C1212	NCB31HK-122X	C CAPACITOR	1200pF 50V K		C1433	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C1213	NCB31HK-331X	C CAPACITOR	330pF 50V K		C1434	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C1214	NDC31HJ-220X	C CAPACITOR	22pF 50V J		C1441	QEK1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1215	NDC31HJ-220X	C CAPACITOR	22pF 50V J		C1501	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1216	NDC31HJ-220X	C CAPACITOR	22pF 50V J		C1502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1217	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C1503	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1218	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C1504	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1219	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C1505	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1220	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C1506	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1221	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C1507	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1222	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C1508	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1223	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C1509	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1226	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C1510	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1227	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		△ C1511	QTMN1EM-477Z	E CAPACITOR	470uF 25V M	
C1228	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C1512	QTE1E06-226Z	E CAPACITOR	22uF 25V	
C1229	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C1701	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1230	QFVF1HJ-684Z	MF CAPACITOR	0.68uF 50V J		C1702	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1232	NCB31HK-471X	C CAPACITOR	470pF 50V K		C1703	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1233	NCB31HK-471X	C CAPACITOR	470pF 50V K		C1704	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1234	NCB21CK-105X	C CAPACITOR	1uF 16V K		C1705	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1241	QEK1HM-475Z	E CAPACITOR	4.7uF 50V M		C1706	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1303	QETN1HM-106Z	E CAPACITOR	10uF 50V M		C1707	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1304	QETN1HM-106Z	E CAPACITOR	10uF 50V M		C1708	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1305	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C1709	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1306	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C1710	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C1307	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		△ C1711	QTMN1EM-477Z	E CAPACITOR	470uF 25V M	
C1308	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C1712	QTE1E06-226Z	E CAPACITOR	22uF 25V	
C1309	NCB31HK-471X	C CAPACITOR	470pF 50V K		C3001	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C1310	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		C3002	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C1311	NDC31HJ-181X	C CAPACITOR	180pF 50V J		C3003	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C1312	NCB31HK-122X	C CAPACITOR	1200pF 50V K		C3004	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C1313	NCB31HK-331X	C CAPACITOR	330pF 50V K		C3005	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1314	NDC31HJ-220X	C CAPACITOR	22pF 50V J		C3006	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1315	NDC31HJ-220X	C CAPACITOR	22pF 50V J		C3007	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C1316	NDC31HJ-220X	C CAPACITOR	22pF 50V J		C3008	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C1317	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3009	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C1318	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C3021	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1319	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C3031	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C1320	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1321	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C3033	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J	
C1322	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C3041	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1323	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1326	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C3043	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1327	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1328	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1329	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C3053	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C1330	QFVF1HJ-684Z	MF CAPACITOR	0.68uF 50V J		C3054	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C1332	NCB31HK-471X	C CAPACITOR	470pF 50V K		C3057	QEK1EM-106Z	E CAPACITOR	10uF 25V M	
C1333	NCB31HK-471X	C CAPACITOR	470pF 50V K		C3058	QEK1EM-106Z	E CAPACITOR	10uF 25V M	
C1334	NCB21CK-105X	C CAPACITOR	1uF 16V K		C3501	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C1341	QEK1HM-475Z	E CAPACITOR	4.7uF 50V M		C3502	QTE1C06-336Z	E CAPACITOR	33uF 16V	
C1403	QETN1HM-106Z	E CAPACITOR	10uF 50V M		C3503	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1404	QETN1HM-106Z	E CAPACITOR	10uF 50V M		C3504	NFV41HJ-333X	MPPS CAPACITOR	0.033uF 50V J	
C1405	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C3702	QTE1C06-336Z	E CAPACITOR	33uF 16V	
C1406	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C3703	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1407	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		C3704	NFV41HJ-333X	MPPS CAPACITOR	0.033uF 50V J	
C1408	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C9001	QEK1EM-475Z	E CAPACITOR	4.7uF 25V M	
C1409	NCB31HK-471X	C CAPACITOR	470pF 50V K		C9002	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1410	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		C9003	QEK1AM-476Z	E CAPACITOR	47uF 10V M	
C1411	NDC31HJ-181X	C CAPACITOR	180pF 50V J		C9004	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1412	NCB31HK-122X	C CAPACITOR	1200pF 50V K						
C1413	NCB31HK-331X	C CAPACITOR	330pF 50V K		R1101	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	
C1414	NDC31HJ-220X	C CAPACITOR	22pF 50V J		R1102	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
C1415	NDC31HJ-220X	C CAPACITOR	22pF 50V J		R1103	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C1416	NDC31HJ-220X	C CAPACITOR	22pF 50V J		R1104	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C1417	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R1105	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
C1418	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R1106	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C1419	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R1107	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
C1420	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R1108	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J	
C1421	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R1109	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1422	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		R1110	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1423	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		R1111	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R1112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1320	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1113	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R1321	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1114	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R1322	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1115	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R1323	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1116	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		R1324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1117	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R1325	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1118	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R1326	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1119	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R1327	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1120	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R1328	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1121	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		R1329	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1122	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		△ R1330	NRS016J-470X	MG RESISTOR	47Ω 1W J	
R1123	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		△ R1331	NRS016J-470X	MG RESISTOR	47Ω 1W J	
R1124	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1332	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1125	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1333	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1126	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1341	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1127	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1342	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1128	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1129	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1402	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
△ R1130	NRS016J-470X	MG RESISTOR	47Ω 1W J		R1403	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
△ R1131	NRS016J-470X	MG RESISTOR	47Ω 1W J		R1404	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1132	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R1405	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R1133	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1141	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R1407	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1142	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R1408	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J	
R1201	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J		R1409	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1202	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J		R1410	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1203	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R1411	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R1204	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R1412	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1205	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		R1413	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R1414	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1207	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R1415	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1208	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J		R1416	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R1209	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1417	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1210	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1418	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R1211	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J		R1419	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1212	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1420	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R1213	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R1421	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R1214	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R1422	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1215	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R1423	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1216	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		R1424	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1217	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R1425	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R1218	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R1426	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1219	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R1427	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1220	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R1428	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1221	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		R1429	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1222	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		△ R1430	NRS016J-470X	MG RESISTOR	47Ω 1W J	
R1223	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		△ R1431	NRS016J-470X	MG RESISTOR	47Ω 1W J	
R1224	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1432	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1225	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R1433	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1226	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1441	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R1227	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1442	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R1228	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1229	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1502	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
△ R1230	NRS016J-470X	MG RESISTOR	47Ω 1W J		R1503	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
△ R1231	NRS016J-470X	MG RESISTOR	47Ω 1W J		R1701	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1232	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R1702	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1233	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R1703	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1241	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R3001	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1242	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R3002	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1301	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R3003	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R1302	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R3004	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1303	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		R3005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1304	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R3006	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R1305	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		R3007	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R3008	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R1307	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R3009	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1308	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J		R3010	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R1309	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R3011	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1310	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R3012	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R1311	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J		R3013	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R1312	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R3014	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1313	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R3015	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1314	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R3016	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1315	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R3017	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R1316	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		R3018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1317	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		△ R3031	QRK126J-271X	UNF C RESISTOR	270Ω 1/2W J	
R1318	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		△ R3032	QRK126J-271X	UNF C RESISTOR	270Ω 1/2W J	
R1319	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R3033	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R3034	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		IC390	GM71VS17400CLT5	IC		
R3035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		IC390	or IC41LV44002A50T	IC		
R3036	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		IC390	or IC41LV44002-50T	IC		
R3041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		IC390	or M11L1644SA-50T	IC(DRAM)		
R3042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		IC390	or MSM51V17405F5TS	IC		
R3043	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		IC400	MM1563GF-X	IC	3.6V Regulator	
R3044	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J		IC410	BH6565FV-X	IC		
R3045	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		IC411	BH6578FVM-X	IC		
R3053	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		IC420	MM3144GN-X	IC		
R3054	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		IC450	BD7910FV-X	IC M.HEAD DRIVE		
R3059	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		IC460	AK5357ET-X	IC		
R3060	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		IC461	SN74AHC1G08V-X	IC		
R3061	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		IC485	MM3143DN-X	IC		
R3062	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		IC500	MN101C49KKL4	IC(MCU)		
△ R3501	QRJ146J-221X	UNF C RESISTOR	220Ω 1/4W J		IC501	SN74AHC1G08V-X	IC		
R3502	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		IC590	BR93LC66F-X	IC		
R3503	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		Q330	2SA1362/G-X	TRANSISTOR		
R3504	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		Q332	KRA116S-X	TRANSISTOR		
R3505	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J						
R3506	NRSA63F-102X	MG RESISTOR	1kΩ 1/16W F						
R3507	NRSA63F-102X	MG RESISTOR	1kΩ 1/16W F		D451	RB160L-60-X	SB DIODE		
R3702	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		D452	RB160L-60-X	SB DIODE		
R3703	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J						
R3704	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		C300	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R3705	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		C311	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	
R3706	NRSA63F-102X	MG RESISTOR	1kΩ 1/16W F		C314	NCB31HK-221X	C CAPACITOR	220pF 50V K	
R3707	NRSA63F-102X	MG RESISTOR	1kΩ 1/16W F		C315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R9001	NRSA63J-751X	MG RESISTOR	750Ω 1/16W J		C316	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	
R9002	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		C317	NEAF0GM-476X	E CAPACITOR	47uF 4V M	
R9003	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		C318	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
R9004	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		C322	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R9005	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		C324	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R9006	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		C325	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R9007	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		C326	NCS31HJ-181X	C CAPACITOR	180pF 50V J	
R9008	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		C327	NCS31HJ-181X	C CAPACITOR	180pF 50V J	
R9009	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		C333	NCB21CK-154X	C CAPACITOR	0.15uF 16V K	
R9010	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		C340	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
R9011	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		C342	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
R9012	NRSA63J-751X	MG RESISTOR	750Ω 1/16W J		C350	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
					C351	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	
L1101	QQLZ037-220	COIL	22uH		C352	NEAG1CM-106X	E CAPACITOR	10uF 16V M	
L1102	QQLZ037-220	COIL	22uH		C353	NEAG1CM-106X	E CAPACITOR	10uF 16V M	
L1201	QQLZ037-220	COIL	22uH		C354	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
L1202	QQLZ037-220	COIL	22uH		C355	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
L1301	QQLZ037-220	COIL	22uH		C356	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
L1302	QQLZ037-220	COIL	22uH		C357	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
L1401	QQLZ037-220	COIL	22uH		C358	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
L1402	QQLZ037-220	COIL	22uH		C359	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
CN291	QGF1016F2-08W	CONNECTOR	FFC/FPC (1-8)		C360	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
CN292	QGF1036F1-08	CONNECTOR	FFC/FPC (1-8)		C362	NCB21CK-224X	C CAPACITOR	0.22uF 16V K	
CN293	QGA2001F1-02	CONNECTOR	W-B (1-2)		C363	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
CN301	QGA2501F1-08	CONNECTOR	W-B (1-8)		C364	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
CN311	QGA2501F1-05	CONNECTOR	W-B (1-5)		C365	NCB21AK-105X	C CAPACITOR	1uF 10V K	
CN321	QGA2501F1-06	CONNECTOR	W-B (1-6)		C366	NCB21AK-105X	C CAPACITOR	1uF 10V K	
CN331	QGA2501F1-09	CONNECTOR	W-B (1-9)		C367	NEA70GM-476X	E CAPACITOR	47uF 4V M	
K3001	NQR0389-003X	FERRITE BEADS			C370	NDC31HJ-6R0X	C CAPACITOR	6pF 50V J	
K3002	NQR0389-003X	FERRITE BEADS			C371	NCB21CK-474X	C CAPACITOR	0.47uF 16V K	
K3003	NQR0389-003X	FERRITE BEADS			C400	NCB21AK-105X	C CAPACITOR	1uF 10V K	
K3004	NQR0389-003X	FERRITE BEADS			C401	NEAG0JM-476X	E CAPACITOR	47uF 6.3V M	
K3005	NQR0389-003X	FERRITE BEADS			C403	NCB31HK-471X	C CAPACITOR	470pF 50V K	
K9001	QQR0621-001Z	COIL			C410	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
K9002	NQR0006-006X	FERRITE BEADS			C411	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
X3001	QAX0734-001	C RESONATOR	400.00kHz		C413	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
X3002	QAX0735-001	C RESONATOR	420.00kHz		C419	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C421	NBE41AM-106X	TA E CAPACITOR	10uF 10V M	
					C423	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
					C424	NEAG0JM-107X	E CAPACITOR	100uF 6.3V M	
					C450	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
					C451	NEAF0GM-107X	E CAPACITOR	100uF 4V M	
					C452	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C453	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C455	NDC32AJ-101X	C CAPACITOR	100pF 100V J	
					C460	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C461	NEAG1CM-106X	E CAPACITOR	10uF 16V M	
					C462	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
					C463	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
					C464	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C466	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

MD servo control board

Block No. [0][4]

△ Symbol No.	Part No.	Part Name	Description	Local
IC310	AN22010A-VT	IC		
IC350	MN66621BPG1	IC		
IC351	MM3141KN-X	IC		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C467	NEAG1CM-106X	E CAPACITOR	10uF 16V M		R412	NRS181J-100X	MG RESISTOR	10Ω 1/8W J	
C468	NCB31CK-103X	C CAPACITOR	0.01uF 16V K		R413	NRS181J-100X	MG RESISTOR	10Ω 1/8W J	
C470	NCB21AK-105X	C CAPACITOR	1uF 10V K		R414	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C471	NCB21AK-105X	C CAPACITOR	1uF 10V K		R417	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C472	NEAG1CM-106X	E CAPACITOR	10uF 16V M		R422	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
C473	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R423	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
C496	NCB21AK-105X	C CAPACITOR	1uF 10V K		R424	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
C497	NCB21AK-105X	C CAPACITOR	1uF 10V K		R427	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R428	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C510	NEAF1CM-106X	E CAPACITOR	10uF 16V M		R429	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R430	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C512	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R431	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C515	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		R432	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C521	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R433	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C591	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R434	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
					R435	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R301	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R436	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R460	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R310	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R461	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R311	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J		R471	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R312	NRSA63J-1R0X	MG RESISTOR	1Ω 1/16W J		R473	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R313	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R474	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R314	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R481	NRSA63J-433X	MG RESISTOR	43kΩ 1/16W J	
R315	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R482	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R316	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J		R495	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R317	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R496	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R318	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R498	NQR0354-001X	FERRITE BEADS		
R319	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R499	NQR0354-001X	FERRITE BEADS		
R330	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		R500	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R331	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R501	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R332	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R502	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R333	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R503	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R334	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R504	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R336	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R505	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R337	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J		R509	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R342	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R343	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R345	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R350	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R513	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R351	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R514	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R352	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R515	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R353	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R516	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R354	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R517	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R358	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R518	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R360	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R519	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R365	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R521	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R366	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R522	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R367	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R523	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R368	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R526	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R369	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R527	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R370	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R528	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R371	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R529	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R372	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R530	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R373	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R535	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R374	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R536	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R375	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R537	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R376	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R538	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R377	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R539	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R378	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R545	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R379	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R549	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R380	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R550	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R381	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R551	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R382	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R552	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R384	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R555	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R385	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R556	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R386	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J		R559	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R387	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R560	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R388	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R561	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R389	NRSA63J-4R7X	MG RESISTOR	4.7Ω 1/16W J		R562	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R390	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R391	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R565	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R396	NRSA63J-2R2X	MG RESISTOR	2.2Ω 1/16W J		R570	NRSA63J-2R7X	MG RESISTOR	2.7Ω 1/16W J	
R397	NRSA63J-2R2X	MG RESISTOR	2.2Ω 1/16W J		R571	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R399	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R403	NRSA63J-1R0X	MG RESISTOR	1Ω 1/16W J		L400	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J	
R404	NRSA63J-1R0X	MG RESISTOR	1Ω 1/16W J		L401	NQL114K-220X	COIL	22uH K	
R410	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J						
R411	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J		CN310	QGF0527F2-21W	CONNECTOR	FFC/FPC (1-21)	

△ Symbol No.	Part No.	Part Name	Description	Local
CN407	QGF1006F2-08W	CONNECTOR	FFC/FPC (1-8)	
CN408	QGF1006F2-09W	CONNECTOR	FFC/FPC (1-9)	
CN521	QGF1006F2-21W	CONNECTOR	FFC/FPC (1-21)	
CN522	QGF1006F2-08W	CONNECTOR	FFC/FPC (1-8)	
CN601	QGF1006F2-09W	CONNECTOR	FFC/FPC (1-9)	
K351	NQR0251-004X	FERRITE BEADS		
K491	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K492	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K495	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K496	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K523	NQR0354-001X	FERRITE BEADS		
K524	NQR0354-001X	FERRITE BEADS		
K527	NQR0251-004X	FERRITE BEADS		
K528	NQR0251-004X	FERRITE BEADS		
K529	NQR0251-004X	FERRITE BEADS		
K530	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K531	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K532	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
S601	NSW0165-001X	DETECT SWICH		
S602	NSW0213-001X	PUSH SWITCH		
TH301	NAD0030-103X	THERMISTOR	10kΩ	
TH456	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
X300	NAX0476-001X	CRYSTAL	33.8688MHz	
X500	NAX0560-001X	C RESONATOR	20.0MHz	

MD cam switch board

Block No. [0][5]

△ Symbol No.	Part No.	Part Name	Description	Local
CN611	QGF1016F3-08	CONNECTOR	FFC/FPC (1-8)	
CN612	QGA1501F1-02	CONNECTOR	W-B (1-2)	
S611	QSW0848-001	CAM SW		

DVD module board

Block No. [0][6]

△ Symbol No.	Part No.	Part Name	Description	Local
IC201	LA6502-X	IC		
IC301	MN2DS0004AA-H	IC		
IC302	BA00HC5WF-X	IC		
IC305	MM1563DF-X	IC		
IC453	S-80830CNNB-G-W	IC		
IC505	K4S643232F-TC60	IC		
IC505	or K4S643232H-TC60	IC		
IC505	or K4S643232H-UC60	IC		
IC505	or EDS6432AFTA-6B	IC(DIGITAL)		
IC509	MBD32TF70TN	IC(MICRO C ROM)		
IC509	or SJ32H70TCI01	IC		
IC512	SN74LVC373APW-X	IC(DIGITAL)		
IC513	SN74LVC373APW-X	IC(DIGITAL)		
IC701	AK4384VT-X	IC		
IC701	or AK4384ET-X	IC		
IC702	AK4384VT-X	IC		
IC702	or AK4384ET-X	IC		
IC703	AK4384VT-X	IC		
IC703	or AK4384ET-X	IC		
IC704	AK5357VT-X	IC		
IC704	or AK5357ET-X	IC		
IC705	MM1615AN-X	IC		
Q101	KTA1001/Y/-X	TRANSISTOR		
Q101	or 2SB1424/R/-W	TRANSISTOR		
Q102	2SC4617/R/-X	TRANSISTOR		
Q103	KTA1001/Y/-X	TRANSISTOR		
Q103	or 2SB1424/R/-W	TRANSISTOR		
Q104	2SC4617/R/-X	TRANSISTOR		
Q105	UN2119-X	TRANSISTOR		

△ Symbol No.	Part No.	Part Name	Description	Local
C101	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C102	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C103	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C104	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C105	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C106	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C107	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C108	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C201	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C202	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C204	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C205	NCB31HK-271X	C CAPACITOR	270pF 50V K	
C206	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C210	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C211	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C217	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C251	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C256	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C257	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C258	NCB31CK-153X	C CAPACITOR	0.015uF 16V K	
C259	NCB31CK-153X	C CAPACITOR	0.015uF 16V K	
C260	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C261	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C262	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C300	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C301	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C302	NEAF0GM-476X	E CAPACITOR	47uF 4V M	
C303	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C304	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C305	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C306	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C308	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C309	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C310	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C311	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C312	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C313	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C314	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C316	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C317	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C318	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C319	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C321	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C322	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C323	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C324	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C325	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C326	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	
C328	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C329	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C330	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C331	NCB31CK-333X	C CAPACITOR	0.033uF 16V K	
C332	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C333	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C334	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C335	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C336	NBE21AM-226X	TA E CAPACITOR	22uF 10V M	
C337	NCB31CK-183X	C CAPACITOR	0.018uF 16V K	
C338	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C339	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C340	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C341	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C347	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C348	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C349	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C350	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C351	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C352	NCB31CK-153X	C CAPACITOR	0.015uF 16V K	
C353	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C354	NCB31HK-561X	C CAPACITOR	560pF 50V K	
C356	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C359	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C371	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C380	NCB21CK-105X	C CAPACITOR	1uF 16V K	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C381	NCB21AK-225X	C CAPACITOR	2.2uF 10V K		R320	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C382	NCB31HK-471X	C CAPACITOR	470pF 50V K		R330	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C391	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R331	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C455	NCB31CK-103X	C CAPACITOR	0.01uF 16V K		R332	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C551	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R333	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C552	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R334	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C553	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R335	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C554	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R336	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C555	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R337	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C556	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		R338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C557	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R339	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C558	NEAF0GM-476X	E CAPACITOR	47uF 4V M		R340	NRSA63D-303X	MG RESISTOR	30kΩ 1/16W D	
C561	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R341	NRSA63D-362X	MG RESISTOR	3.6kΩ 1/16W D	
C562	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R342	NRSA63D-222X	MG RESISTOR	2.2kΩ 1/16W D	
C563	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R345	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C701	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R346	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C702	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R347	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	
C703	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R350	NRSA63J-911X	MG RESISTOR	910Ω 1/16W J	
C704	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M		R351	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C706	NEAF1CM-106X	E CAPACITOR	10uF 16V M		R352	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C707	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R353	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C708	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R354	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C709	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R355	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C711	NCB21CK-105X	C CAPACITOR	1uF 16V K		R356	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C712	NCB31CK-103X	C CAPACITOR	0.01uF 16V K		R357	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C713	NCB21CK-105X	C CAPACITOR	1uF 16V K		R358	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C741	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R359	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C742	NCF21CZ-225X	C CAPACITOR	2.2uF 16V Z		R360	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C743	NEAF1CM-106X	E CAPACITOR	10uF 16V M		R361	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
C749	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		R362	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
C761	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R363	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R364	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R365	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R103	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J		R367	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R104	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J		R368	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R105	NRS181J-180X	MG RESISTOR	18Ω 1/8W J		R369	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R106	NRSA63J-2R2X	MG RESISTOR	2.2Ω 1/16W J		R370	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R107	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R371	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R108	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R372	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R109	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R373	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R110	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R374	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		R384	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R113	NRS181J-270X	MG RESISTOR	27Ω 1/8W J		R385	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R114	NRSA63J-2R2X	MG RESISTOR	2.2Ω 1/16W J		R392	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R395	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R116	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R415	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R117	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R416	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R417	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R119	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R458	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R122	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R535	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R125	NRSA63J-1R0X	MG RESISTOR	1Ω 1/16W J		R551	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R126	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R561	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R127	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R562	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R128	NRSA63J-163X	MG RESISTOR	16kΩ 1/16W J		R563	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R202	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R701	NRSA63J-2R2X	MG RESISTOR	2.2Ω 1/16W J	
R204	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R703	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R205	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R704	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R206	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J		R705	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R207	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R706	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R213	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R707	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R708	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R219	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		R714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R220	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J		R715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R221	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R716	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R251	NRS125J-R39X	MG RESISTOR	0.39Ω 1/2W J		R718	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R257	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R732	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R259	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R741	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R301	NRSA63D-122X	MG RESISTOR	1.2kΩ 1/16W D		R742	NRSA63J-5R1X	MG RESISTOR	5.1Ω 1/16W J	
R302	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D		R749	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R990	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R306	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		L301	NQL044K-100X	COIL	0.26Ω 10uH K	
R307	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN101	QGF0523F1-24W	CONNECTOR	FFC/FPC (1-24)	
R308	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		CN201	QGF1016F2-08W	CONNECTOR	FFC/FPC (1-8)	
R309	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		CN501	QGF1016F2-08W	CONNECTOR	FFC/FPC (1-8)	
R316	NRSA63J-6R8X	MG RESISTOR	6.8Ω 1/16W J		CN502	QGF1016F2-09W	CONNECTOR	FFC/FPC (1-9)	
R318	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						

 Symbol No.	Part No.	Part Name	Description	Local
CN503	QGF1016F2-17W	CONNECTOR	FFC/FPC (1-17)	
CN504	QGF1016F2-15W	CONNECTOR	FFC/FPC (1-15)	
CN506	QGF1016F2-08W	CONNECTOR	FFC/FPC (1-8)	
K350	NQR0502-001X	FERRITE BEADS		
K351	NQR0502-001X	FERRITE BEADS		
K352	NQR0502-001X	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		
K562	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	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K568	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K591	NQR0251-004X	FERRITE BEADS		
K593	NQR0251-004X	FERRITE BEADS		
K594	NQR0251-004X	FERRITE BEADS		
K710	NQR0129-002X	FERRITE BEADS		
K753	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
TH301	NAD0025-103X	N THERMISTOR	10kΩ	
X351	NAX0734-001X	CRYSTAL		

DVD loading switch board

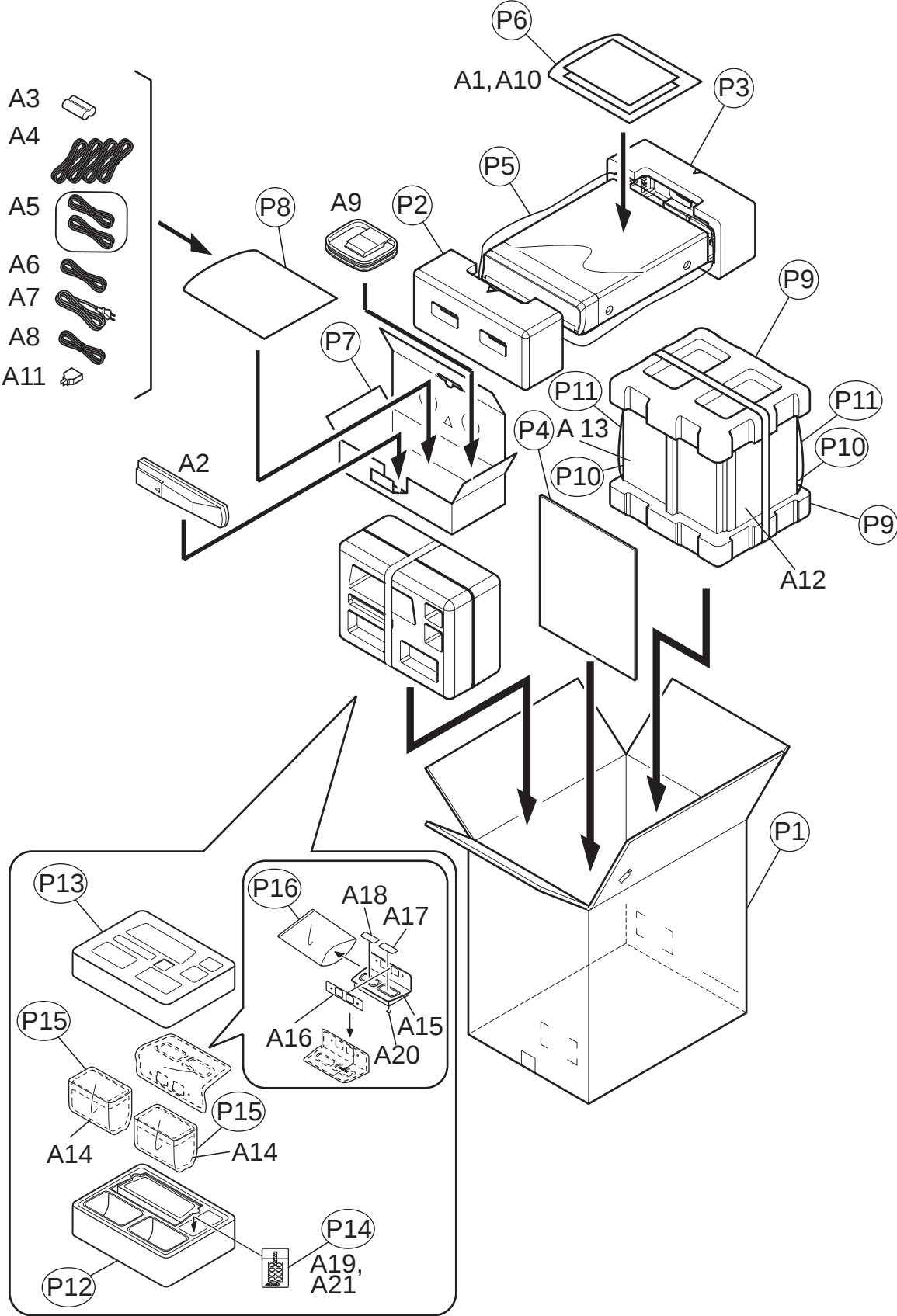
Block No. [0][7]

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

<MEMO>

Packing materials and accessories parts list

Block No. M 3 M M



Packing and Accessories

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

△	Symbol No.	Part No.	Part Name	Description	Local
	A 1	LVT1256-003A	INST BOOK	ENG,CHI(PEKIN)	UB
	A 1	LVT1256-002A	INST BOOK	ENG	UJ
	A 2	RM-SNXDV3U	REMOCN		
	A 3	-----	BATTERY	(x2)	
	A 4	QAM0646-001	SPEAKER CORD		
	A 5	QAM0718-001	SPEAKER CORD		
	A 6	QAM0216-001	SIGNAL CORD		
△	A 7	QMPP060-183-JD	POWER CORD(EK)	1.83m BLACK	UB
△	A 7	QMPL060-183-JD	POWER CORD(EK)	1.83m BLACK	UJ
	A 8	QAL0457-001	ANT.WIRE		
	A 9	QAL0476-001	AM LOOP ANT		
	A 10	LV30258-0B5A	UB SHEET		UB
△	A 11	QAM0112-002	PLUG ADAPTOR		UJ
	A 12	NXDV3F-SPBOX-R	SPEAKER BOX		
	A 13	NXDV3F-SPBOX-L	SPEAKER BOX		
	A 14	SPNXDV3S-SPBOX	SPEAKER BOX	(x2)	
	A 15	LV21850-001A	STAND		
	A 16	LV44009-001A	SPACER		
	A 17	LV44010-001A	SPACER		
	A 18	LV44010-002A	SPACER		
	A 19	7000751206	SCREW	(x2)	
	A 20	9000007941	FOOT	(x4)	
	A 21	9000009301	FOOT	(x8)	
	P 1	LV35316-002A	CARTON		UB
	P 1	LV35316-003A	CARTON		UJ
	P 2	LV21824-001A	CUSHION(FRONT)		
	P 3	LV21825-001A	CUSHION(REAR)		
	P 4	LV33569-005A	CARTON SPACER		
	P 5	QPC05006515P	POLY BAG	50cm x 65cm	
	P 6	QPC02503510P	POLY BAG	25cm x 35cm	
	P 7	LV35428-001A	ACCESSORY BOX		
	P 8	QPA03004503P	POLY BAG	30cm x 45cm	
	P 9	LV21862-001A	CUSHION	(x2)	
	P 10	8500055561	MIRROR MAT	(x2)	
	P 11	8500051921	POLY BAG	(x2)	
	P 12	LV21864-001A	BOTTOM CUSHION		
	P 13	LV21863-001A	TOP CUSHION		
	P 14	8500047111	POLY BAG		
	P 15	8500048151	POLY BAG	(x2)	
	P 16	8500055841	MIRROR MAT BAG		



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