JVC

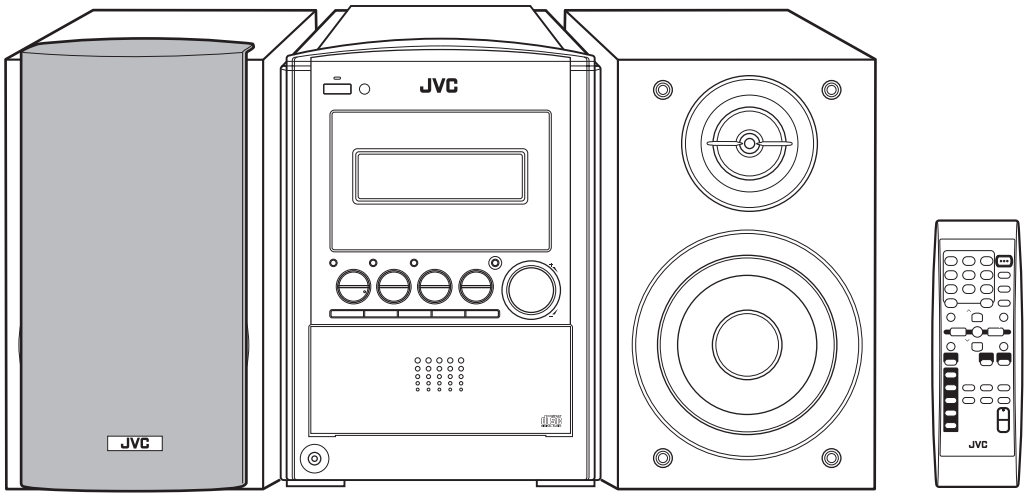
SERVICE MANUAL

COMPACT COMPONENT SYSTEM

FS-S57

Area suffix

J ---------- U.S.A.
C ---------- Canada



COMPACT disc DIGITAL AUDIO

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No.MB205
2004/4

SPECIFICATION

Amplifier Section CA-FSS57	Output Power	74 W per channel, min. RMS, driven into 6 Ω at 1 kHz with no more than 10% total harmonic distortion.
	Analog input sensitivity/Impedance (at 1 kHz)	AUX/DVD:400 mV/48 kΩ
	Speakers/Impedance	6 Ω - 16 Ω
Tuner	FM tuning range	87.5 MHz-108.0 MHz
	AM tuning range	530 kHz-1 710 kHz
CD player	CD Capacity	5 CDs
	Dynamic range	87 dB
	Signal-to-noise ratio	90 dB
	Wow and flutter	Immeasurable
General	Power requirement	AC 120 V , 60 Hz
	Power consumption	110 W (at operation)
		17 W (on standby)
		1.4 W (in power save mode)
	Dimensions (W/H/D) (approx.)	175 mm × 239.5 mm × 378 mm (6 15/16 in. × 9 1/2 in. × 14 15/16 in.)
	Mass (approx.)	7.4 kg (16.3 lbs)
Speaker Section SP-UXS57	Type	2-way bass-reflex type
	Speakers	Woofer 12 cm cone × 1
		Tweeter 4 cm cone × 1
	Power handling capacity	60 W
	Impedance	6 Ω
	Frequency range	53 Hz to 30 kHz
	Sound pressure level	84 dB/W·m
	Dimensions (W/H/D) (approx.)	145 mm × 239.5 mm × 202 mm (5 3/4 in. × 9 1/2 in. × 8 in.)
	Mass (approx.)	2.2 kg (4.9 lbs) each

Design and specifications are subject to change without notice.

SECTION 1
PRECAUTION

1.1 Safety Precautions

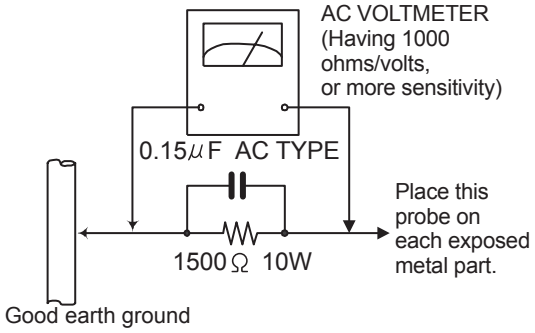
(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) 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 preforming repair of this system.

1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▮) and ICP (●) or identified by the " ⚠ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.
(This regulation dose not Except the J and C version)

1.5 Preventing static electricity

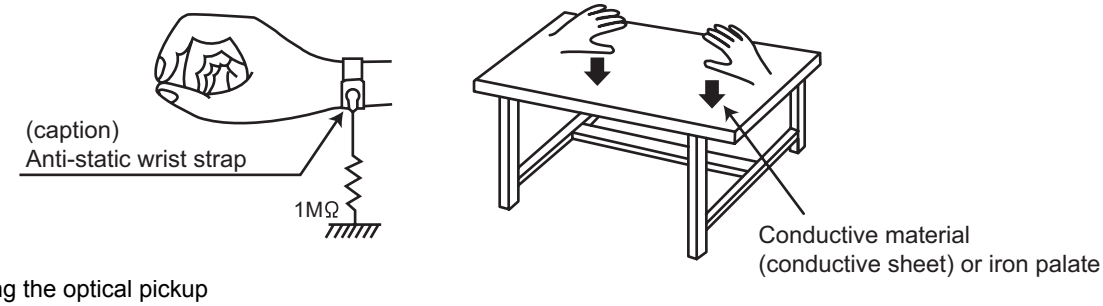
Electrostatic discharge (ESD), which occurs when static electricity stored in the body, fabric, etc. is discharged, can destroy the laser diode in the traverse unit (optical pickup). Take care to prevent this when performing repairs.

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.

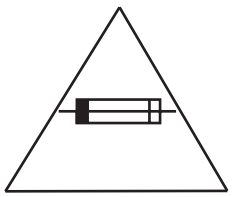
1.6 Handling the traverse unit (optical pickup)

(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) I t 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 connecto 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.

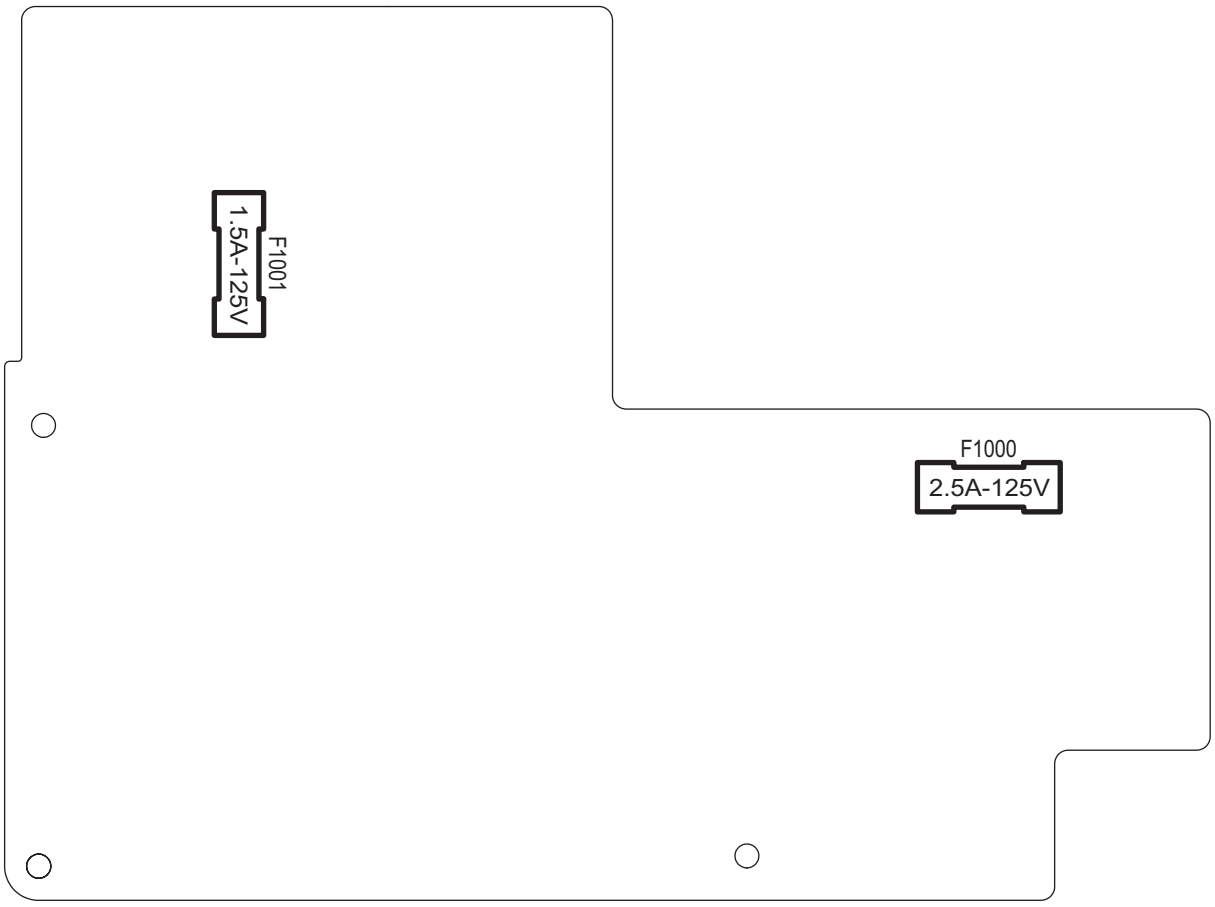


Caution: For continued protection against risk of fire, replace only with same type 2.5 A/125 V for F1000, 1.5 A/125 V for F1001.
This symbol specifies type of fast operating fuse.

Précaution: Pour eviter risques de feux, remplacez le fusible de sureté de F1000 comme le meme type que 2,5 A/125 V, et 1,5 A/125 V pour F1001.
Ce sont des fusibles sûretes qui functionnes rapide.

1.8 Importance administering point on the safety

Primary board



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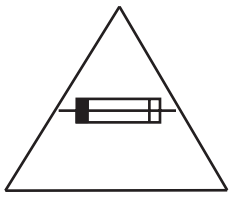

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This symbol specifies type of fast operating fuse.

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Ce sont des fusibles sûretes qui functionnes rapide.

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 back side of the main body, remove the six screws **A** attaching the metal cover. (See Fig.1.)
(2) From the both sides of the main body, remove the two screws **B** attaching the metal cover. (See Figs.2 and 3.)
(3) Remove the metal cover in the direction of the arrow while extending the lower sections of the metal cover. (See Figs.2 and 3.)

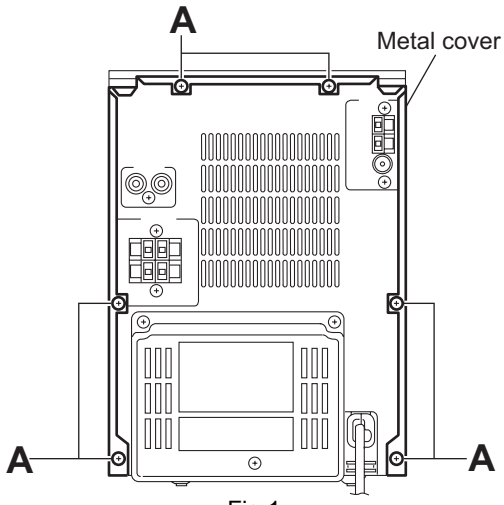


Fig.1

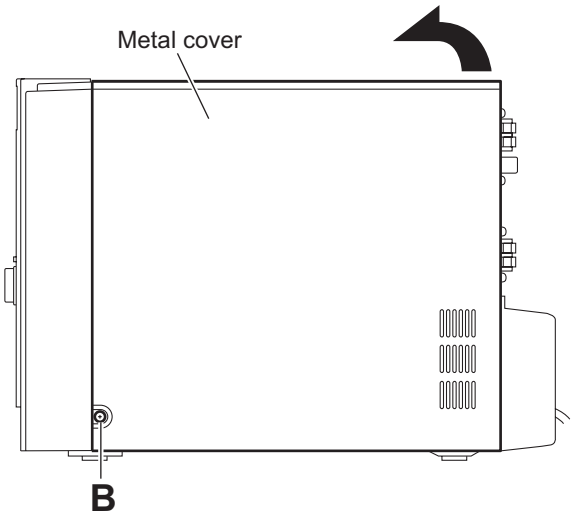


Fig.2

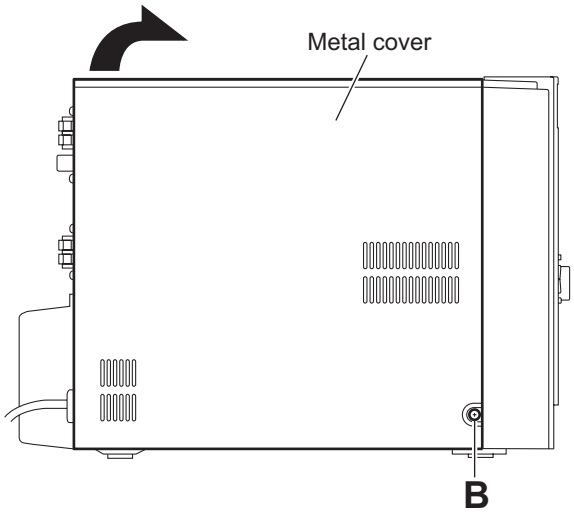


Fig.3

3.1.2 Removing the front panel assembly (See Figs.4 to 6)

- Remove the metal cover.

(1) From the left side of the main body, disconnect the wire from the connector CN104 on the power supply board. (See Fig.4.)

Reference:
After connecting the wire to the connector CN104, fix the wire with the spacer as before. (See Fig.4.)

(2) Disconnect the card wire from the connector CN700 on the micon board. (See Figs.4 and 5.)

Reference:
After connecting the card wire to the connector CN700, fix the card wire with the spacer as before. (See Fig.4.)

(3) From the top side of the main body, remove the screws **C** attaching the front panel assembly. (See Fig.5.)

(4) From the bottom side of the main body, remove the two screws **D** attaching the front panel assembly. (See Fig.6.)

(5) Release the two hooks **a** and hook **b** from the both and bottom sides of the front panel assembly, and remove the front panel assembly in the direction of the arrow. (See Fig.6.)

Reference:
When attaching the front panel assembly, fit the micon board to the notch c on the back side of the front panel assembly. (See Fig.5.)

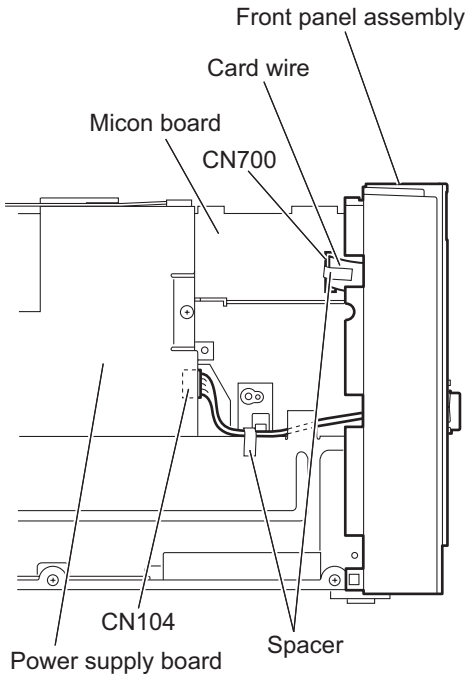


Fig.4

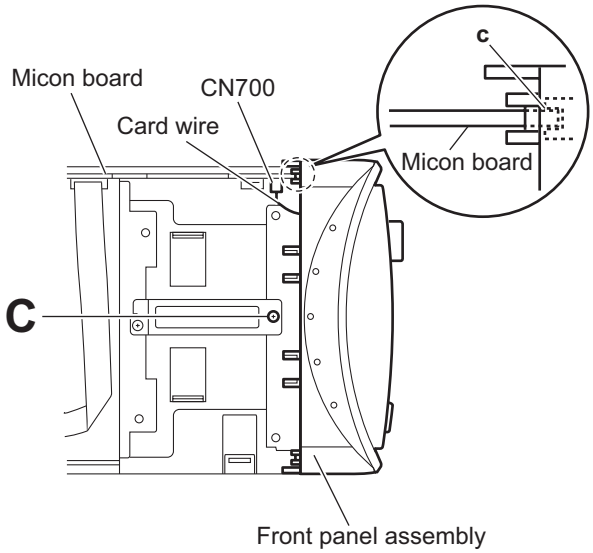


Fig.5

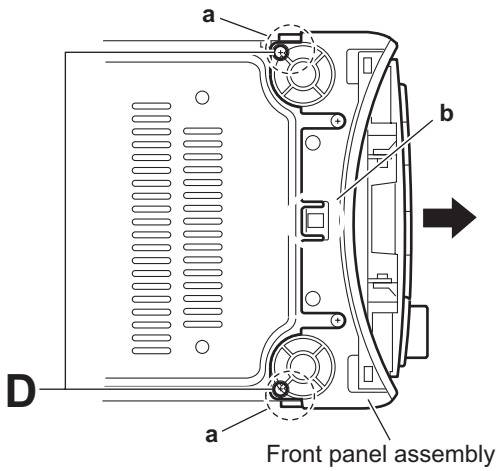


Fig.6

3.1.3 Removing the rear panel (See Fig.7)

- Remove the metal cover.
  (1) From the back side of the main body, remove the five screws **E** attaching the rear panel.
  (2) Remove the screw **F** attaching the rear cover.
  (3) Remove the rear panel from the chassis while extending the sections **d** of the rear panel in the direction of the arrow.

Reference:

When removing the rear cover, remove the screw **F** and two screws **F'**.

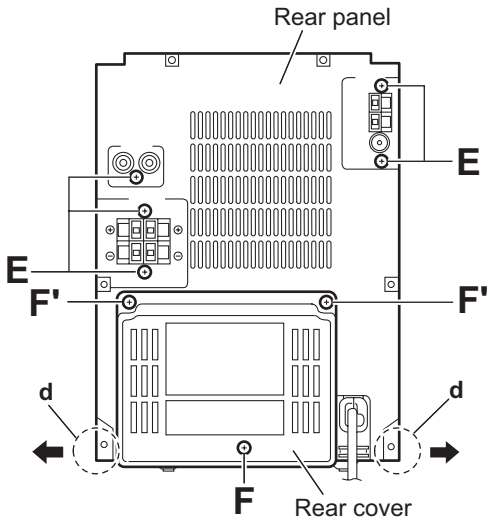


Fig.7

3.1.4 Removing the power supply board (See Fig.8)

- Remove the metal cover.
  (1) From the left side of the main body, remove the screw **G** and screw **H** attaching the power supply board.
  (2) Disconnect the connectors CN103 on the power supply board toward this side.
  (3) From the forward side of the power supply board, disconnect the wires from the connectors (CN100 to CN102, CN104).

Reference:

When attaching the screw **G**, attach the primary protector with it.

3.1.5 Removing the tuner (See Fig.8)

- Remove the metal cover.
  (1) From the left side of the main body, disconnect the card wire from the connector CN1 on the tuner.
  (2) From the back side of the main body, remove the two screws **J** attaching the tuner.

Reference:

- After attaching the tuner, put the card wire on the section **e** of the primary protector.
- When connecting the card wire to the connector CN1, fix the card wire with the spacer as before.

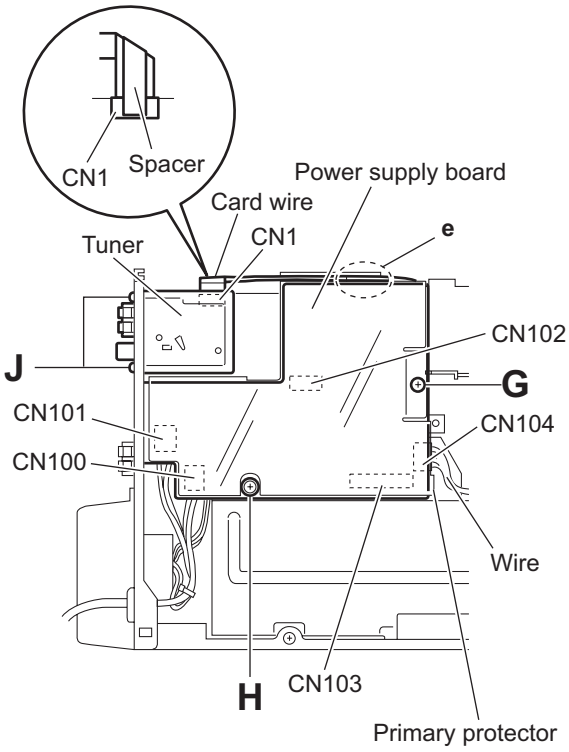


Fig.8

3.1.6 Removing the micon board (See Figs.9 and 10)

- Remove the metal cover, front panel assembly and rear panel.

(1) From the top side of the main body, disconnect the card wire from the connector CN766 on the micon board. (See Fig.9.)

Reference:

When connecting the card wire to the connector CN766, fix the card wire with the spacer as before.

(2) From the forward side of the micon board, disconnect the wire from the connectors (CN750, CN760) on the micon board. (See Fig.9.)

Reference:

When reassembling, fix the wire with the wire holder after connecting the wire to the connector CN760 on the micon board as before. (See Fig.9.)

(3) From the right side of the main body, remove the three screws **K** attaching the micon board. (See Fig.10.)

(4) Disconnect the connectors (CN761,CN762) on the micon board toward this side. (See Fig.10.)

(5) From the forward side of the micon board, disconnect the card wire from the connectors CN765. (See Fig.10.)

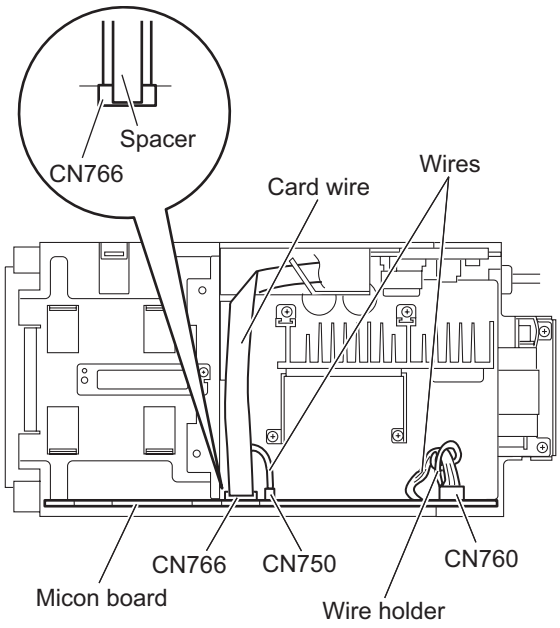


Fig.9

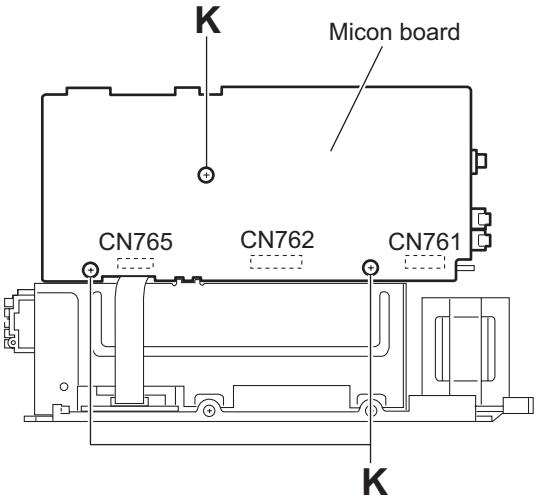


Fig.10

3.1.7 Removing the power amplifier board (See Fig.11)

- Remove the metal cover, front panel assembly, rear panel, power supply board and micon board.
  (1) From the top side of the main body, remove the wire holder and tie band fixing the wire 1.
  (2) Remove the four screws **L** attaching the power amplifier board.

Reference:

- When attaching the power amplifier board, align the sections **f** of the main chassis in the slots of the main amplifier board.
- After attaching the power amplifier board, pass the wire 1 through the section **g** of the power amplifier board.
- When reassembling, fix the wire 1 with the wire holder and new tie band as before.
- When reassembling, pass the wire 2 through the section **h** of the power amplifier board.

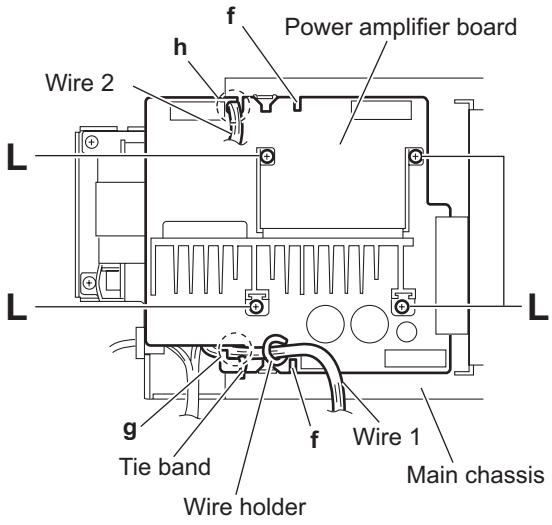


Fig.11

3.1.8 Removing the heat sink (See Figs.12 and 13)

- Remove the metal cover, front panel assembly, rear panel, power supply board, micon board and power amplifier board.
  (1) From the reverse side of the power amplifier board, bend the claws **i** of the heat sink in the direction of the arrow. (See Fig.12.)
  (2) From the forward side of the power amplifier board, remove the four screws **M** attaching the heat sink. (See Fig.13.)
  (3) Disengage the joints **j** and remove the heat sink in the direction of the arrow. (See Fig.13.)

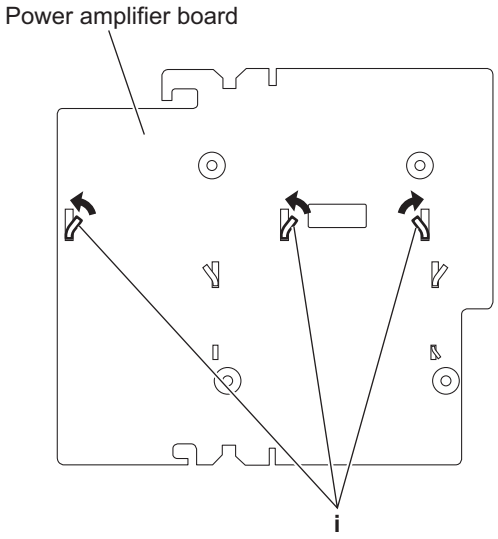


Fig.12

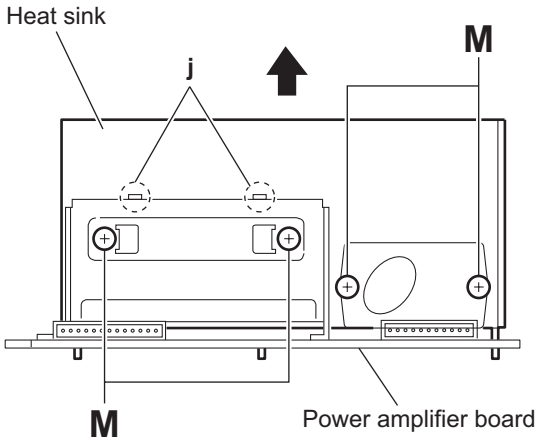


Fig.13

3.1.9 Removing the fan (See Fig.14)

- Remove the metal cover, front panel assembly, rear panel, power supply board, micon board and power amplifier board.
  (1) From the back side of the main body, remove the wire holder fixing the wire.

  Reference:
  After attaching the fan, fix the wire with the wire holder as before.
  (2) Remove the two screws **N** attaching the fan.

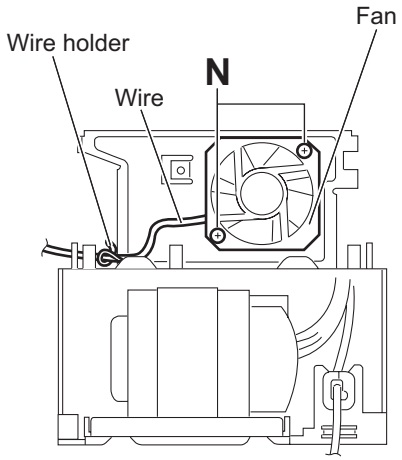


Fig.14

3.1.10 Removing the power transformer (See Fig.15)

- Remove the metal cover, front panel assembly, rear panel, power supply board, micon board and power amplifier board.
  (1) From the top side of the main body, remove the wire holders fixing the wire.
  (2) Remove the tie band.
  (3) Remove the four screws **P** attaching the power transformer and take out the power transformer from the main body.

Reference:
After attaching the power transformer, fix the wires with the wire holders and new tie band as before.

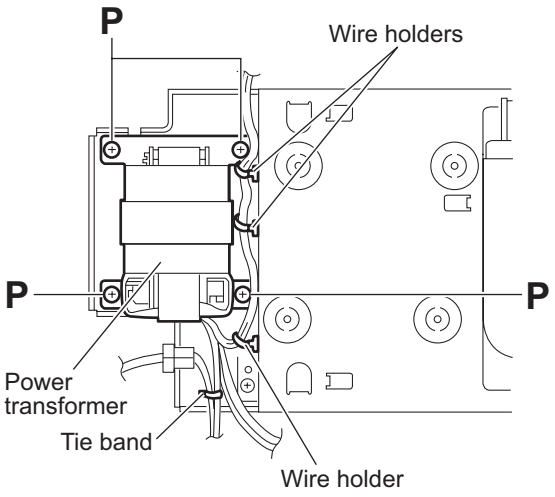


Fig.15

3.1.11 Removing the CD changer mechanism assembly (See Figs.16 to 19.)

- Remove the metal cover and front panel assembly.

(1) From the right side of the main body, disconnect the card wire from the connector CN651 on the CD servo control board. (See Fig.16.)

(2) From the bottom side of the main body, remove the two screws **Q** attaching the CD bracket (F) to the bottom chassis. (See Fig.17.)

Reference:

When attaching the CD bracket (F), align the projections **k** of the bottom chassis in the holes of the CD bracket (F). (See Fig.17.)

(3) From the front side of the main body, remove the two screws **R** attaching the CD bracket (F) to the main chassis.

Reference:

When attaching the CD bracket (F), align the projection **m** of the main chassis in the holes of the CD bracket (F). (See Fig.17.)

(4) From the top side of the main body, remove the two screws **S** attaching the CD changer mechanism assembly. (See Fig.18.)

Reference:

Align the projections **n** on the bottom chassis in the holes of the CD changer mechanism assembly before attaching the screws **S**. (See Fig.18.)

(5) Take out the CD changer mechanism assembly in the direction of the arrow. (See Fig.16.)

Note:

When take out the CD changer mechanism assembly, be careful not to damage the several parts on the CD servo control board. (See Fig.16.)

(6) From the back side of the CD changer mechanism assembly, remove the two screws **T** attaching the CD bracket (R). (See Fig.19.)

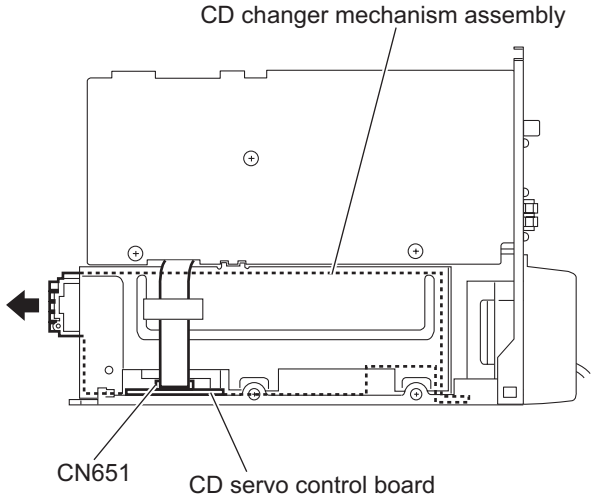


Fig.16

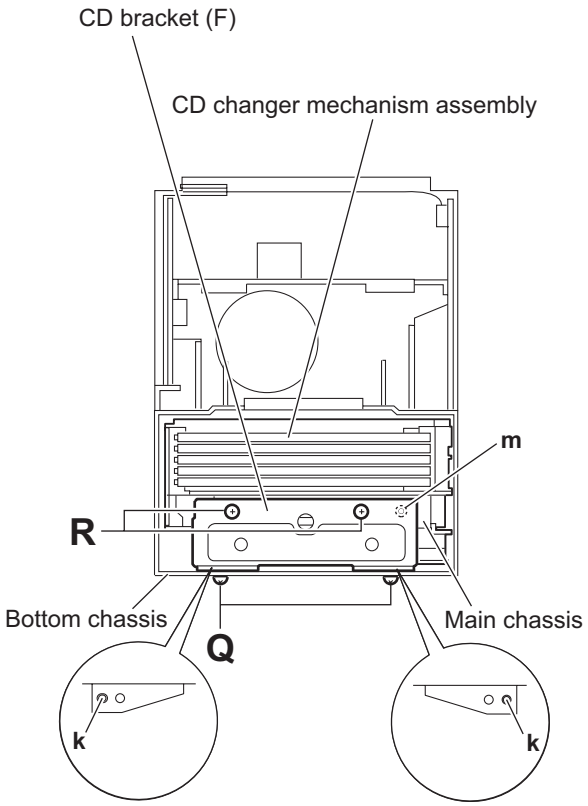


Fig.17

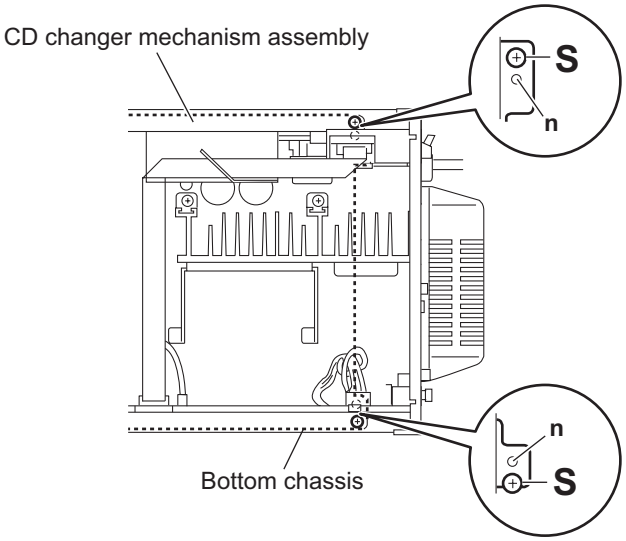


Fig.18

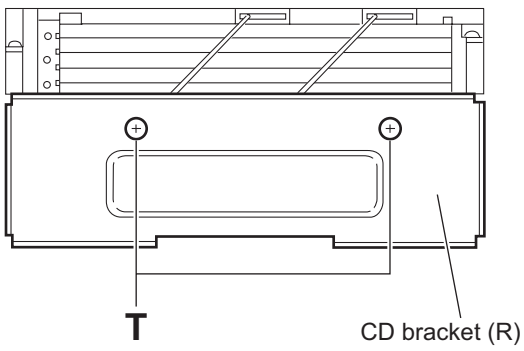


Fig.19

3.2 Front panel assembly

- Remove the metal cover and front panel assembly.

3.2.1 Removing the front assembly section (See Fig.20)

(1) From the inside of the front panel assembly, remove the screw **U** attaching the earth wire.

Reference:

When attaching the screw **U**, attach the earth wire with it.

(2) Remove the four screws **V** attaching the front assembly section.

(3) Take out the front assembly section from the main body.

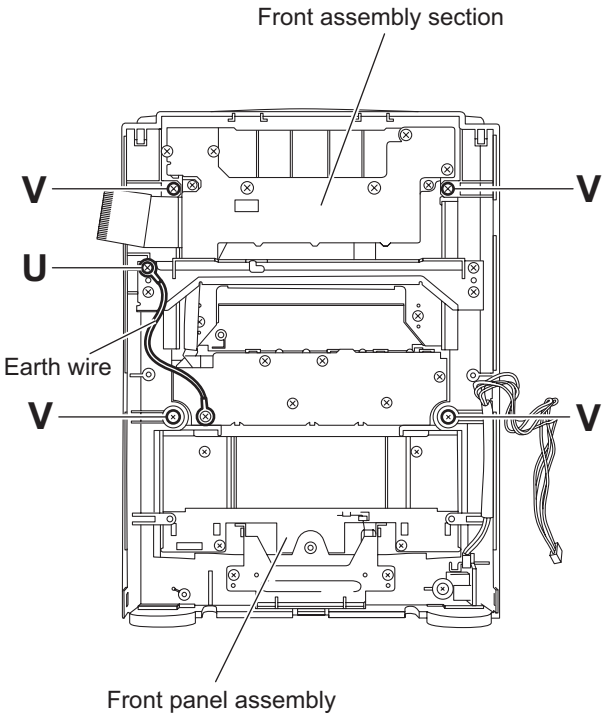


Fig.20

3.2.2 Removing the switch board (See Figs.21 and 22)

- Remove the front assembly section.

(1) From the front side the front assembly section, pull out the volume knob in the direction of the arrow. (See Fig.21.)

(2) From the inside of the front assembly section, remove the five screws **W** and screw **W'** attaching the switch board. (See Fig.22.)

(3) Disconnect the card wire from the connector CN510 on the switch board. (See Fig.22.)

Reference:

When attaching the screw **W'**, attach the earth wire with it. (See Fig.22.)

(4) Take out the switch board from the front assembly section. (See Fig.22.)

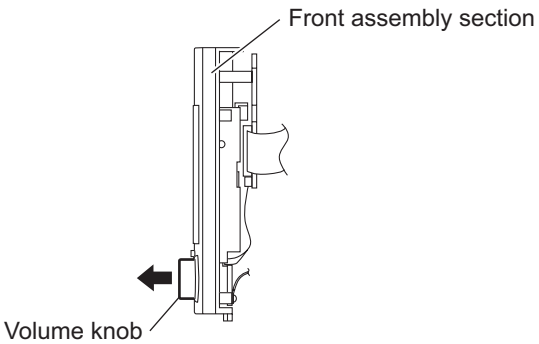


Fig.21

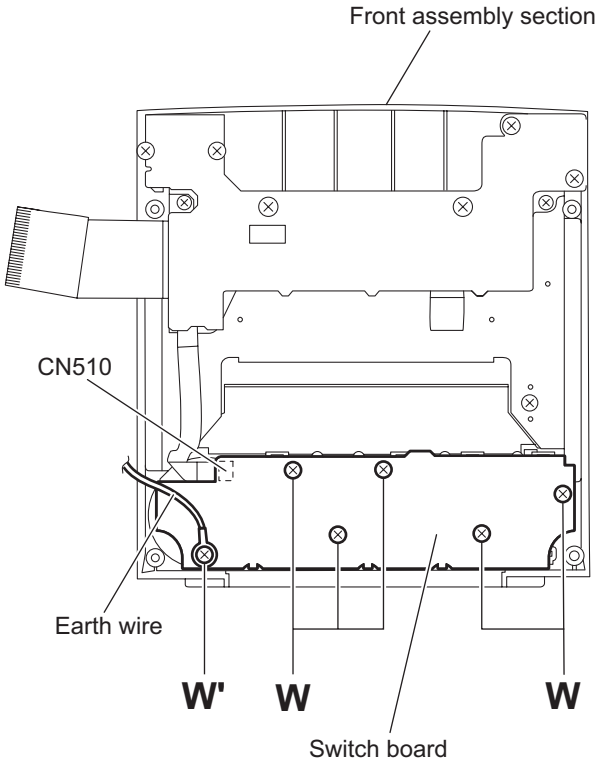


Fig.22

3.2.3 Removing the back light board (See Figs.23)

- Remove the front assembly section.
  (1) From the inside of the front assembly section, remove the six screws **X** attaching the back light board.
  (2) Take out the back light board from the front assembly section and disconnect the card wires from the connectors (CN551,CN552) on the back light board.

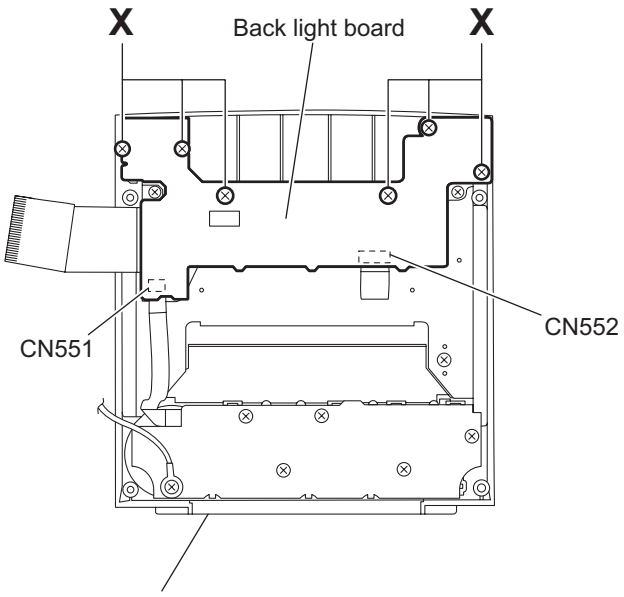


Fig.23

3.2.4 Removing the FL board (See Figs.24 and 25)

- Remove the front assembly section and back light board.
  (1) From the inside of the front assembly section, remove the four screws **Y** attaching the lens holder. (See Fig.24.)
  (2) Take out the lens holder with the LED lens and cover sheet. (See Fig.24.)
  (3) Take out the FL board from the front assembly section. (See Fig.25.)

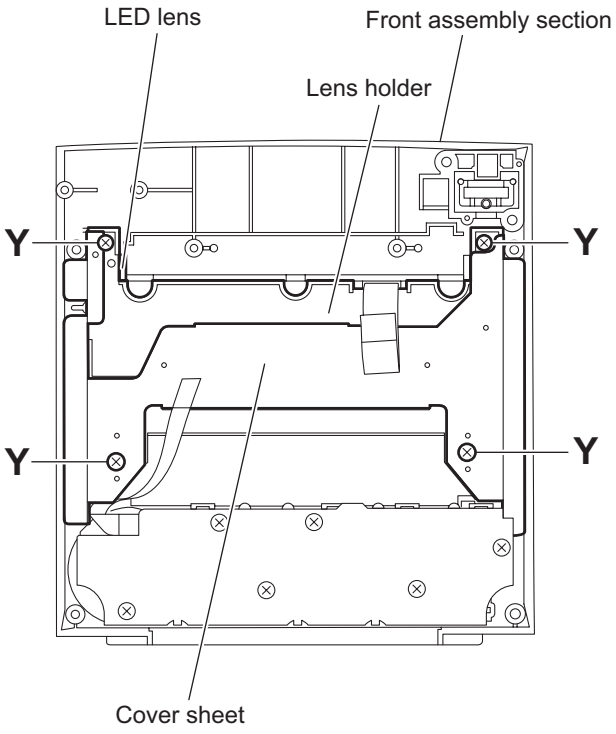


Fig.24

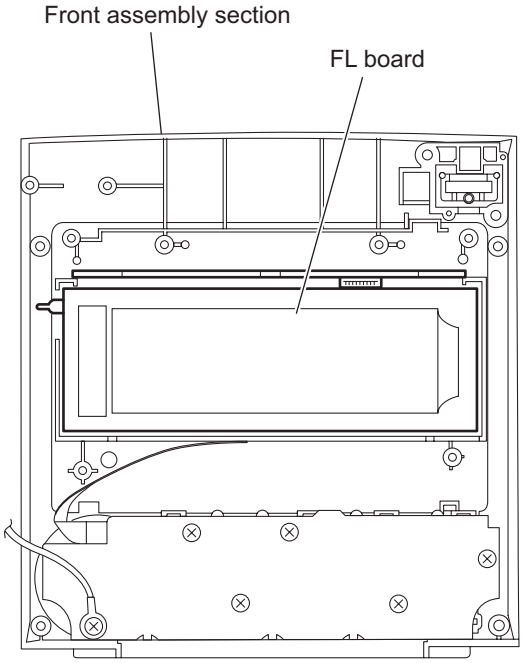


Fig.25

3.2.5 Removing the headphone jack board (See Fig.26)

(1) From the inside of the front panel assembly, remove the screw **Z** attaching the headphone jack board.
(2) Take out the headphone jack board from the front panel assembly.

Reference:

After attaching the headphone jack board, fix the wire with the spacer as before.

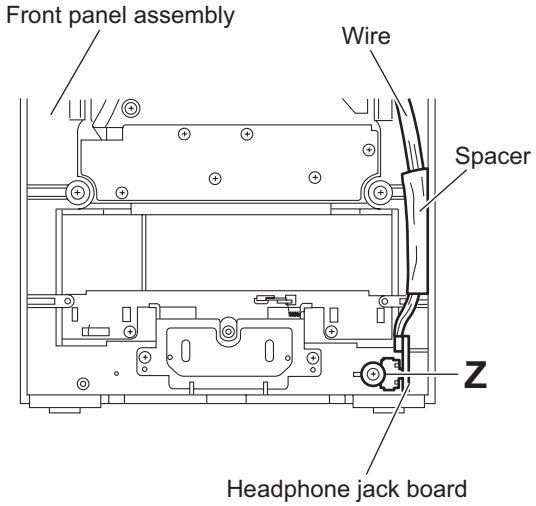


Fig.26

3.3 CD changer mechanism

3.3.1 Removing the tray assembly (See Fig.1 ~ 5)

(1) Remove the two screws **A** from the top cover and release the two joints **a** on both sides of the body.
(2) Remove the top cover with the two rods attached to the top cover and lifter assembly respectively.
(3) Remove the open det lever on the left side of the body.
(4) Push part b of the slide (R) assembly on the right side of the body to unlock the tray assembly. Draw out the trays toward the front.

Attention:

The tray can be locked if all tray assemblies are attached.

(5) From top of the body, move the stopper tab c in the direction of the arrow and release. Pull out the tray assemblies from the body.

Caution:

Remove the tray assembly from top tray 5 in order.

Attention:

When reattaching the sub tray of the tray assembly, or when removing the CD remaining inside, refer to another section.

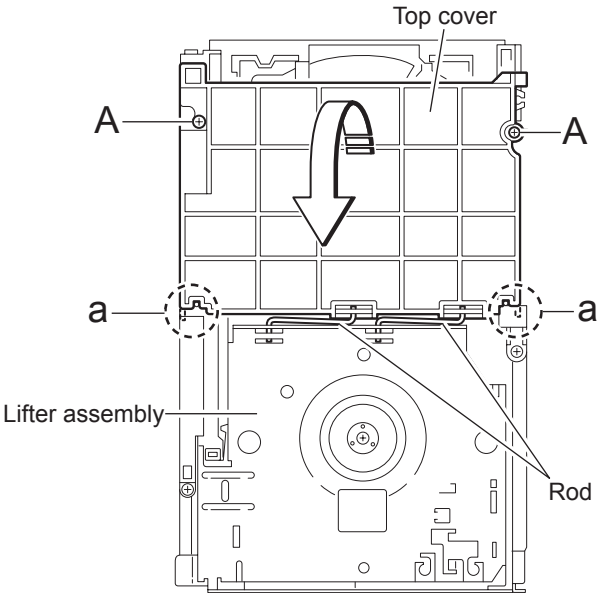


Fig.1

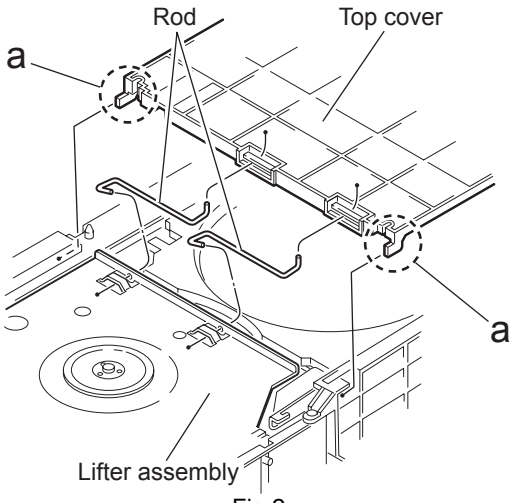


Fig.2

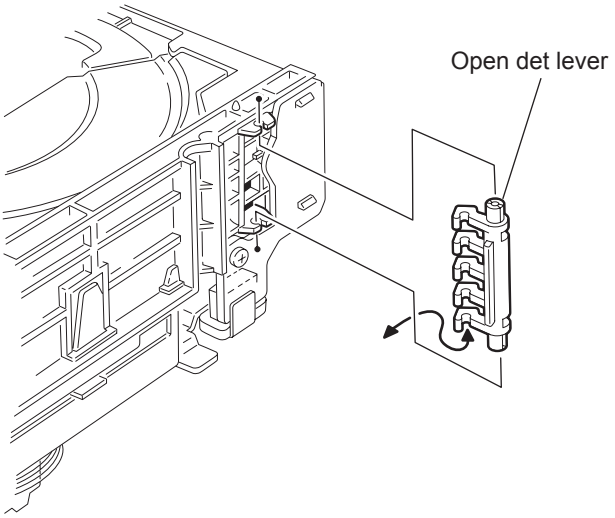


Fig.3

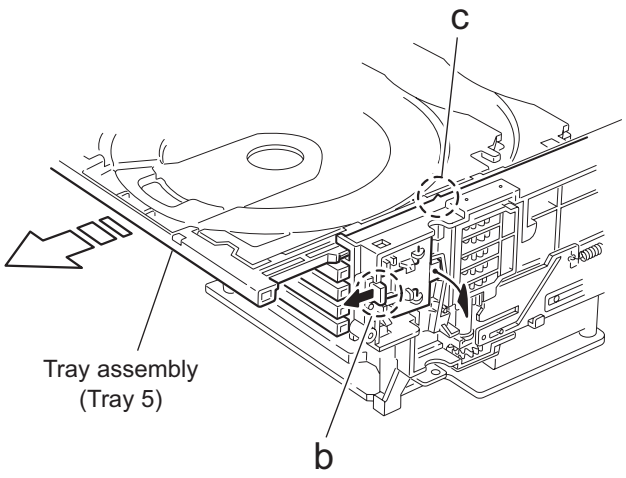


Fig.4

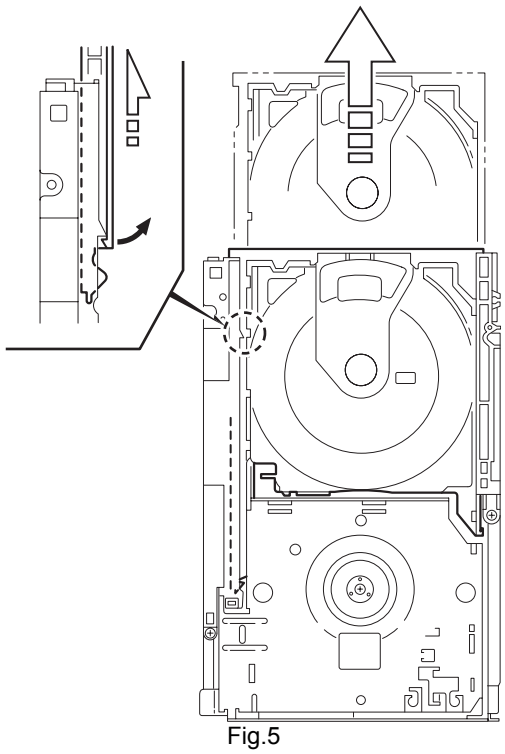


Fig.5

3.3.2 Removing the servo control board (See Fig.6 ~ 9)

Caution:

Solder the short-circuit point on the pickup before disconnecting the card wire extending from the pickup. If you do not follow this instruction, the pickup may be damaged.

(1) Disconnect the card wire from connector CN251 and each wire from connector CN252, CN253 and CN602 on the servo control board on the bottom of the body. Disconnect the wire from joint **d**.

(2) Solder the short round point on the flexible board of the pick up.

(3) Remove the four screws **B** and turn the servo control board as shown in the figure.

(4) Disconnect the card wire from connector CN601 on the servo control board.Caution: Unsolder the short-circuit point after reassembling.

Caution:

When reassembling, twist the wires to be connected to connector CN252 and CN253 twice.

3.3.3 Removing the switch board (See Fig.9)

(1) Disconnect the wires from connector CN252 and CN253 on the servo control board.

(2) Remove the screw **C** attaching the switch board.

(3) Release the wires from the slot **e** of the switch board.

Caution:

When reassembling, let the wires through the slot **e** of the switch board and twist them twice.

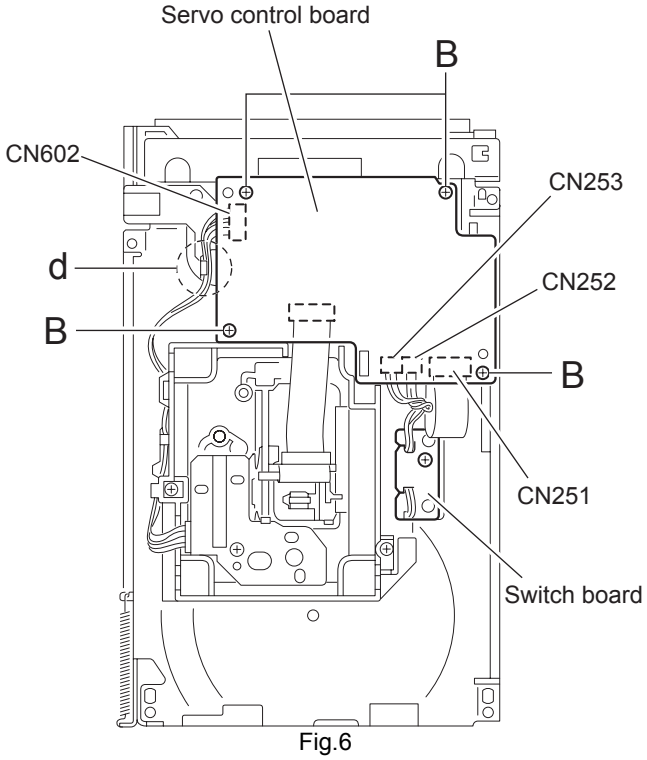


Fig.6

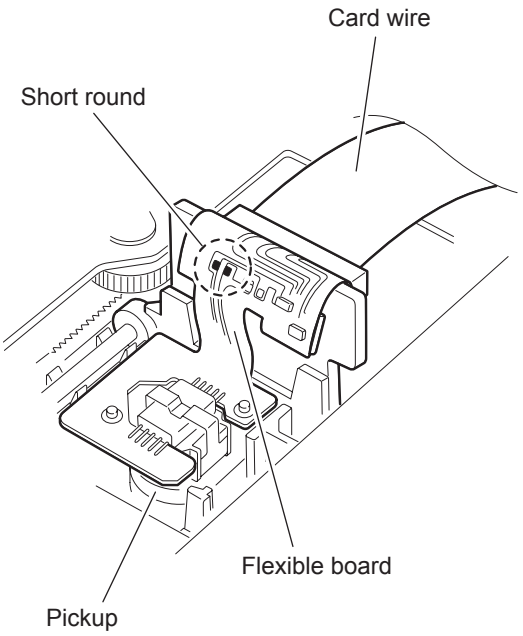


Fig.7

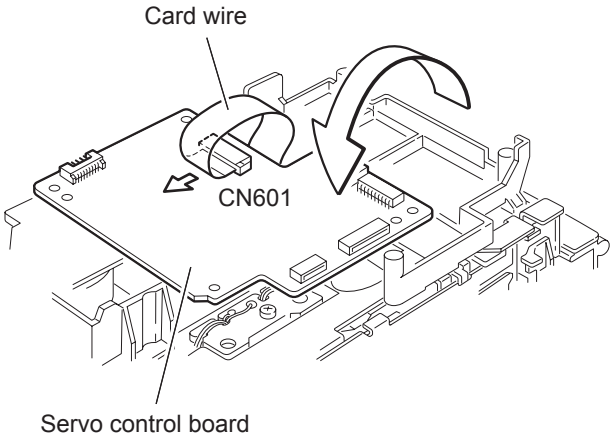


Fig.8

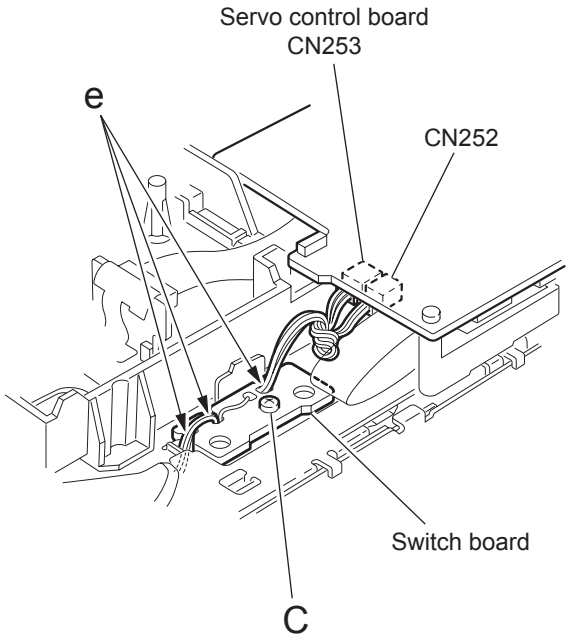


Fig.9

3.3.4 Removing the motor board (See Fig.10 , 11)

- Prior to performing the following procedure, remove the servo control board.

(1) Turn over the body and remove the two screws **D**. Move the CD module bkt. in the direction of the arrow to release two joints **f**.

(2) Unsolder the four soldered parts on the motor of the motor board.

Caution:

If removing the motor board with the motor, you should remove the screws attaching the motor from top of the body(Refer to another section).

(3) Remove the two screws **E** attaching the motor board.

(4) Remove the spacer fixing the motor board and tray switch board, and disconnect connector CN2 on the motor board.

(5) Disconnect the card wire from connector CN1 on the motor board.

Caution:

When reconnecting the card wire, let the card wire through the slot g of the motor board and attach it to the bottom of the body using a double tape.

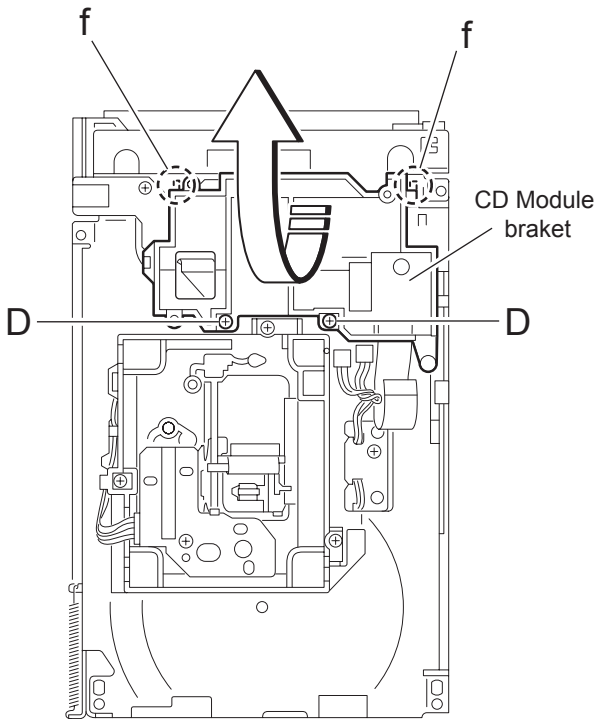


Fig.10

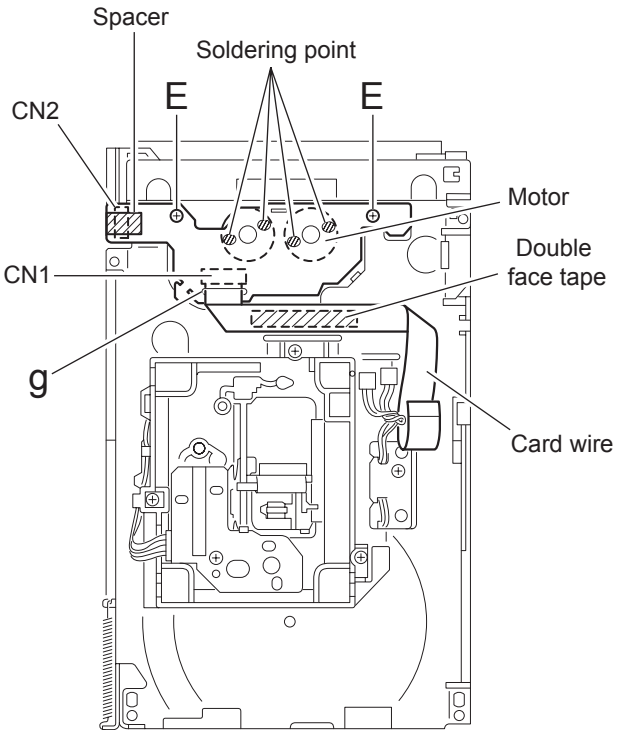
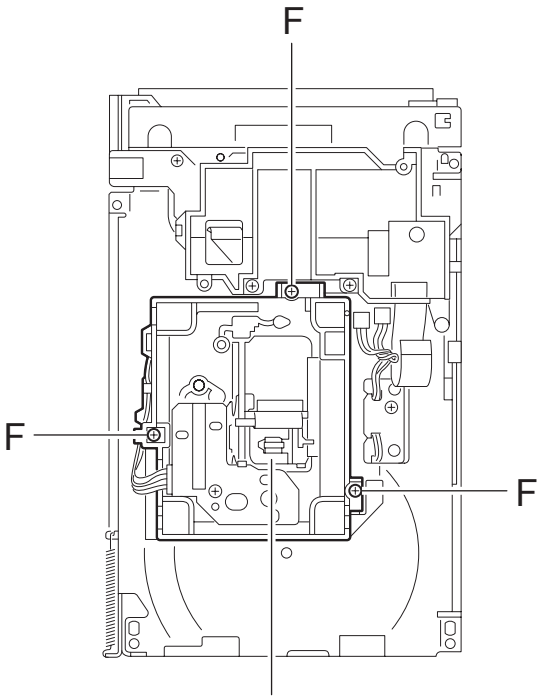


Fig.11

3.3.5 Removing the CD tramecha assembly (See Fig.12)

- Prior to performing the following procedure, remove the servo control board.
  (1) Turn over the body and remove the three screws **F** attaching the tramecha.



CD Tramecha assembly
Fig.12

3.3.6 Removing the pickup (See Fig.13 , 14)

- Prior to performing the following procedure, remove the servo control board and CD tramecha assembly.
  (1) From top of the CD tramecha assembly, turn the cam gear in the direction of the arrow to move the pickup assembly outward.
  (2) Push down the stopper **h** in the direction of the arrow and pull out the shaft.
  (3) Release the joint **i** of the pickup assembly and mecha base.
  (4) Remove the screw **G** attaching the CD rack. Release the four tabs **j** at the bottom of the CD rack.

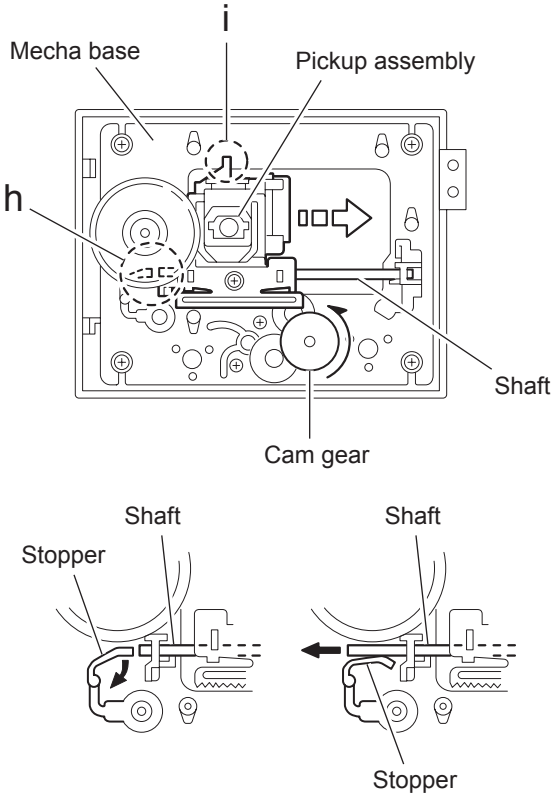


Fig.13

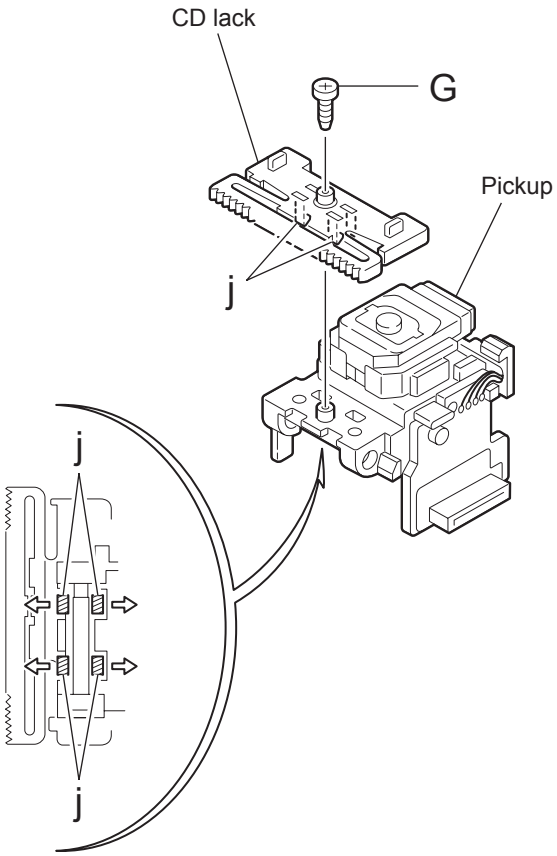


Fig.14

3.3.7 Removing the side (L)/ tray switch board (See Fig.15 ~ 17)

- Prior to performing the following procedure, remove the tray assembly.
  (1) Remove the two screws **H** attaching the side (L) on top of the body.
  (2) From the side of the body, remove the spacer fixing the tray switch board and motor board. Disconnect connector CN3 on the tray switch board and detach the side (L) upward.
  (3) Remove the screw **J** attaching the tray switch board.
  (4) Push the joint tab **k** of the side (L) in the direction of the arrow and remove the tray switch board outward, then release joint **l**.

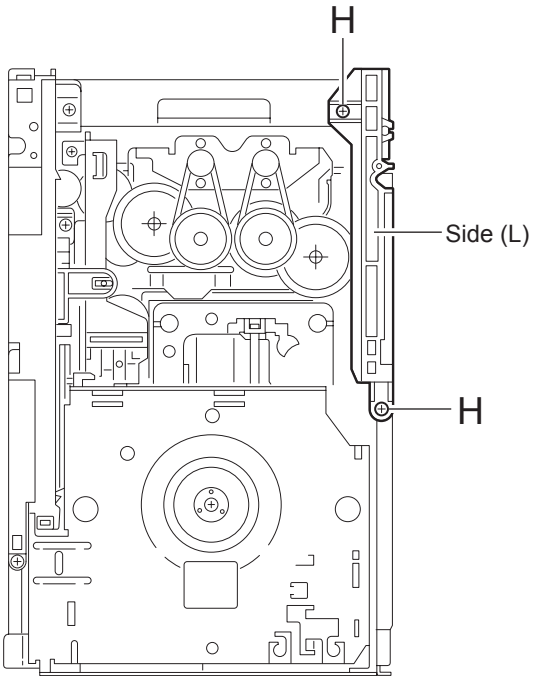


Fig.15

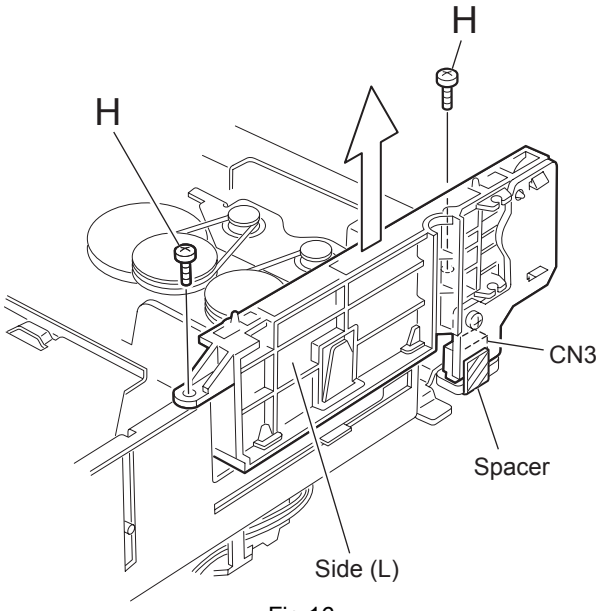


Fig.16

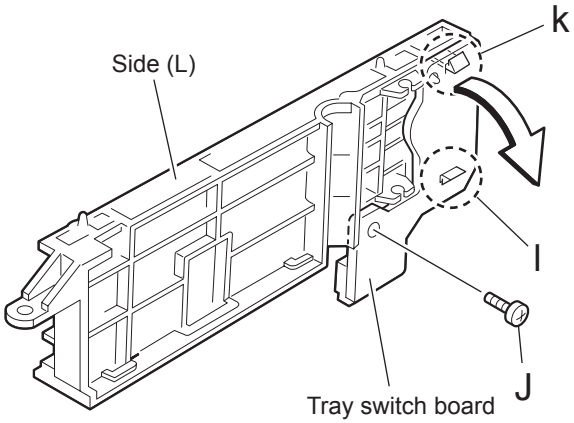


Fig.17

3.3.8 Removing the side (R) assembly (See Fig.18 ~ 22)

- Prior to performing the following procedure, remove the tray assembly.
  (1) Push and release the two tabs **m** of the gear cover through the two notches inside the side (R) assembly. Remove the gear cover outward.
  (2) Remove the spring attached to part **n** of the hook on the right side of the body.
  (3) From top of the body, turn the 1 gear clockwise to move the elevator cam rearward.Move the two slots **o** and joint **p** of the elevator cam as shown in Fig.21 and remove the elevator cam outward.
  (4) Remove the three screws **K** and detach the side (R) upward.

Caution:

When reattaching the side (R) assembly, make sure to fit the shaft (part **q**) into the slot of the select lever.

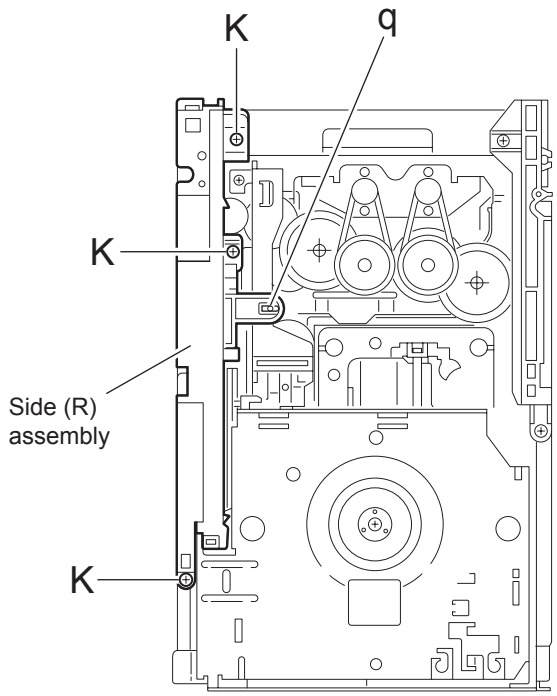


Fig.18

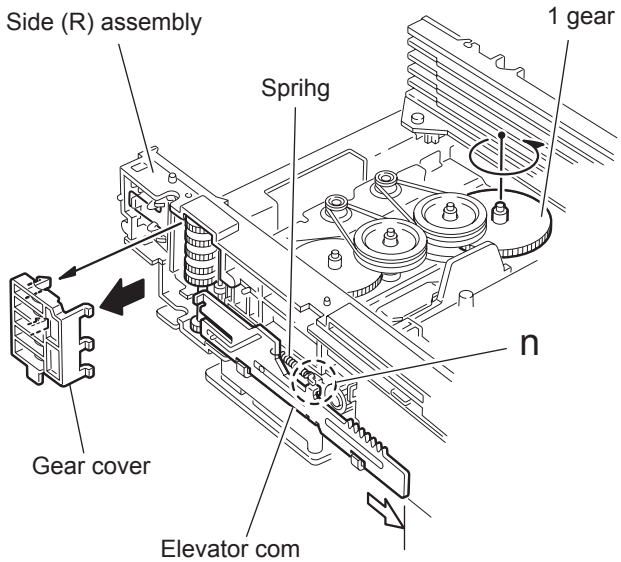


Fig.19

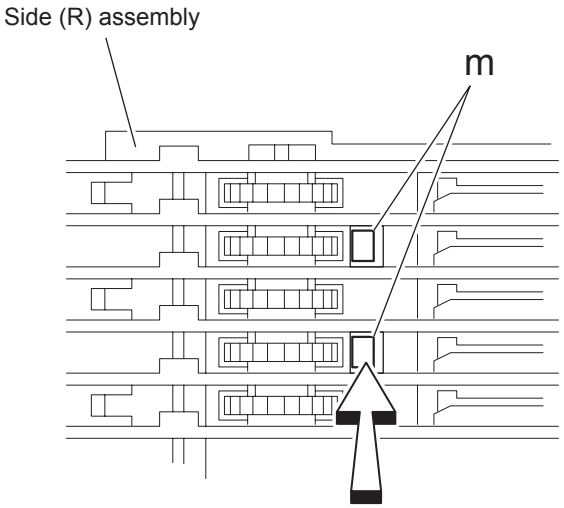


Fig.20

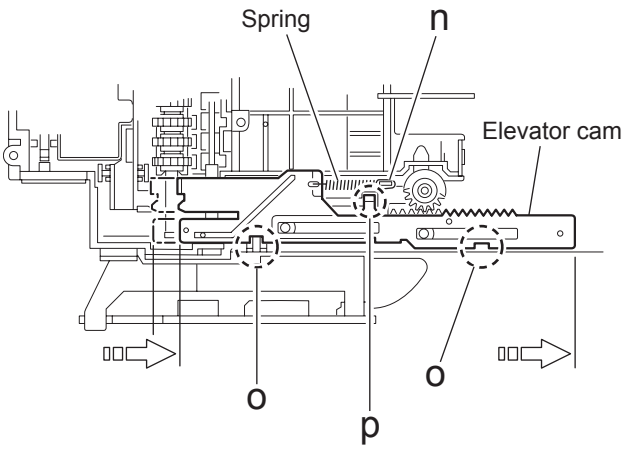


Fig.21

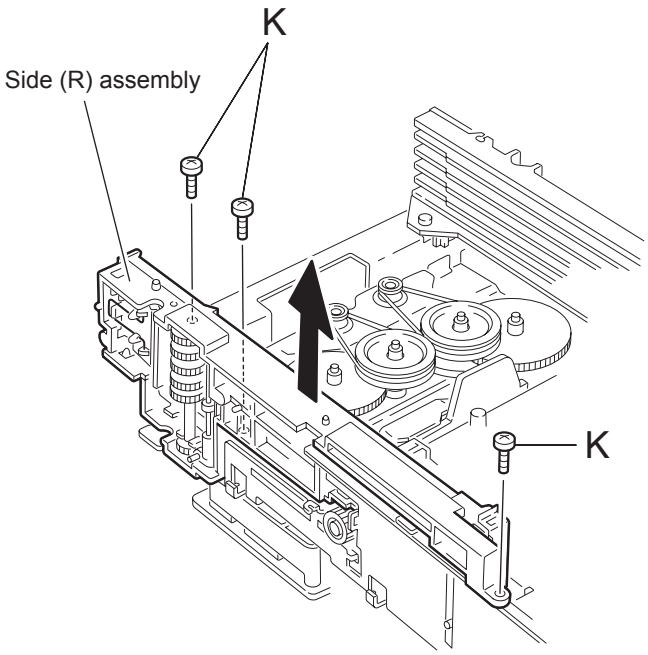


Fig.22

3.3.9 Removing the lifter assembly (See Fig.23 ~ 27)

- Prior to performing the following procedure, remove the tray assembly and side (L)/ side (R) assembly.
  (1) From top of the body, turn the 1 gear clockwise to move the lifter assembly upward as shown in Fig.24.
  (2) From top of the body, turn the 2 gear clockwise to move the hook toward the front until it stops.
  (3) Move the hook stopper in the direction of the arrow while pushing the tab **r** of the hook stopper to unlock it. Release four joints **s** to detach from the rack holder.
  Release the rod from part t.
  (4) Turn the 1 gear clockwise again to move the lifter assembly upward.
  (5) Remove the lifter assembly from the body upward at position **u** where the four pins on the right and left sides of the lifter assembly fit to the notches of the **v**.
  Move the lifter assembly toward the front and release from the hook.

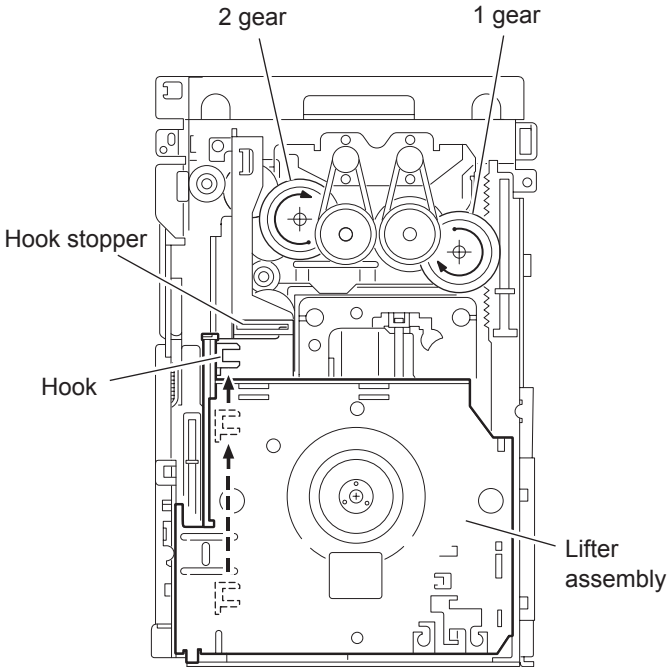


Fig.23

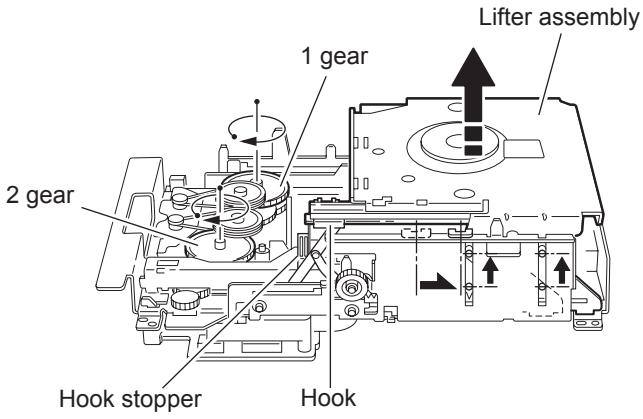


Fig.24

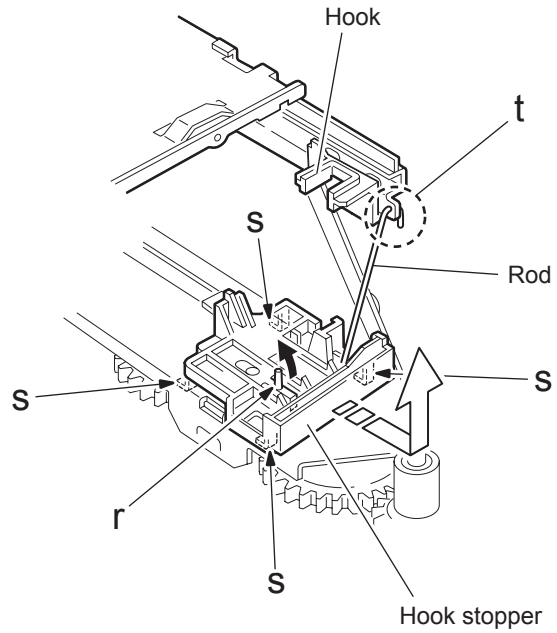


Fig.25

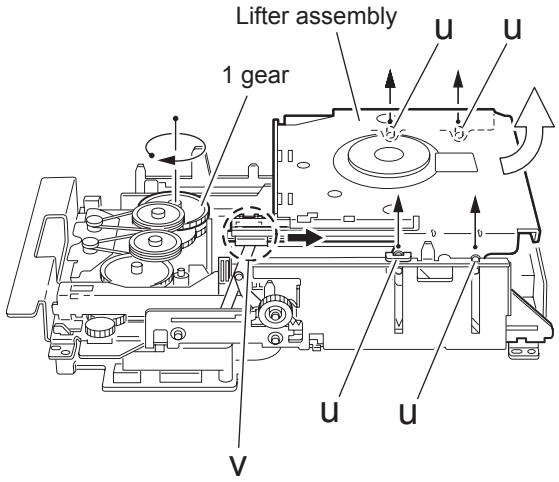


Fig.26

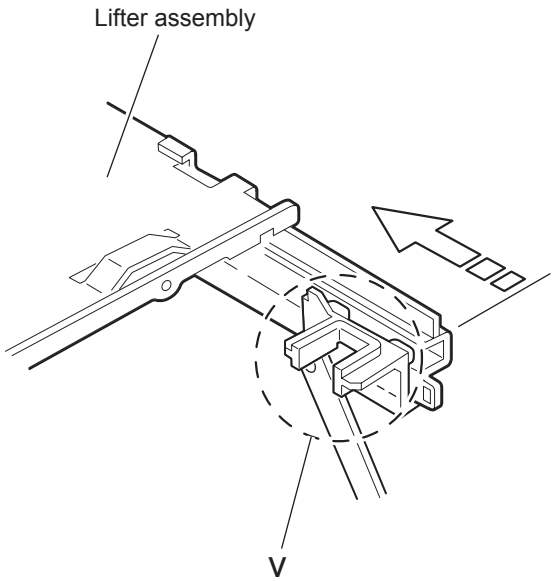


Fig.27

3.3.10 Removing the rack holder assembly/ sensor assembly (See Fig.28 ~ 33)

- Prior to performing the following procedure, remove the tray assembly, side (L)/ side (R) assembly, lifter assembly.

Attention:

If the slide gear of the body places at joint **w** of the rack holder assembly, turn the 1 gear counterclockwise to move the slide gear toward the front. Remove the rack holder assembly.

(1) Remove the three screws **J** attaching the rack holder assembly. Release joint **w** from the notch.

Caution:

When reattaching the rack holder assembly, do not nip the wire x extending from the sensor assembly.

(2) Remove the two screws **M** attaching the sensor assembly.

(3) Move the sensor assembly in the direction of the arrow to release from the slot at joint **y**.

(4) Remove the spring attached to the bottom of the sensor assembly from the boss **z** on the sensor slider.

(5) Remove the screw **N** and **O** attaching the sensor board and SV resister respectively.If necessary, unsolder the sensor board.

Caution:

When reattaching the SV resister, attach the sensor slider to the sensor bracket and fit the lever on the bottom of the SV resister into slot **a'** of the sensor slider.

Caution:

When reattaching the rack holder assembly, turn the 1 gear clockwise to move the slide gear and slide lever inside the body rearward.

- Let the wire extending from the sensor assembly through notch **x** to the bottom of the body.
- Fit pin **c'**of the slide lever into hole **b'** of the sensor slider on the bottom of the sensor assembly while attaching the spring to the boss **z** of the sensor slider.
- Engage joint **y** of the sensor assembly to the notch of the body.

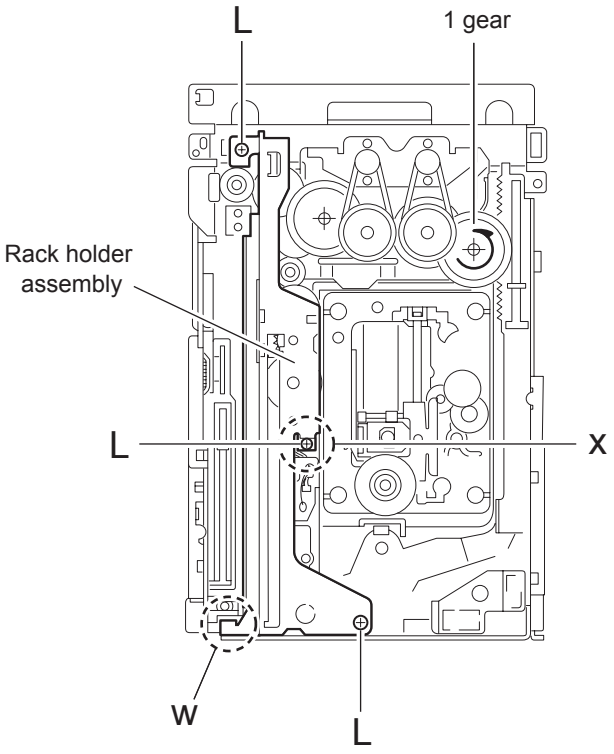


Fig.28

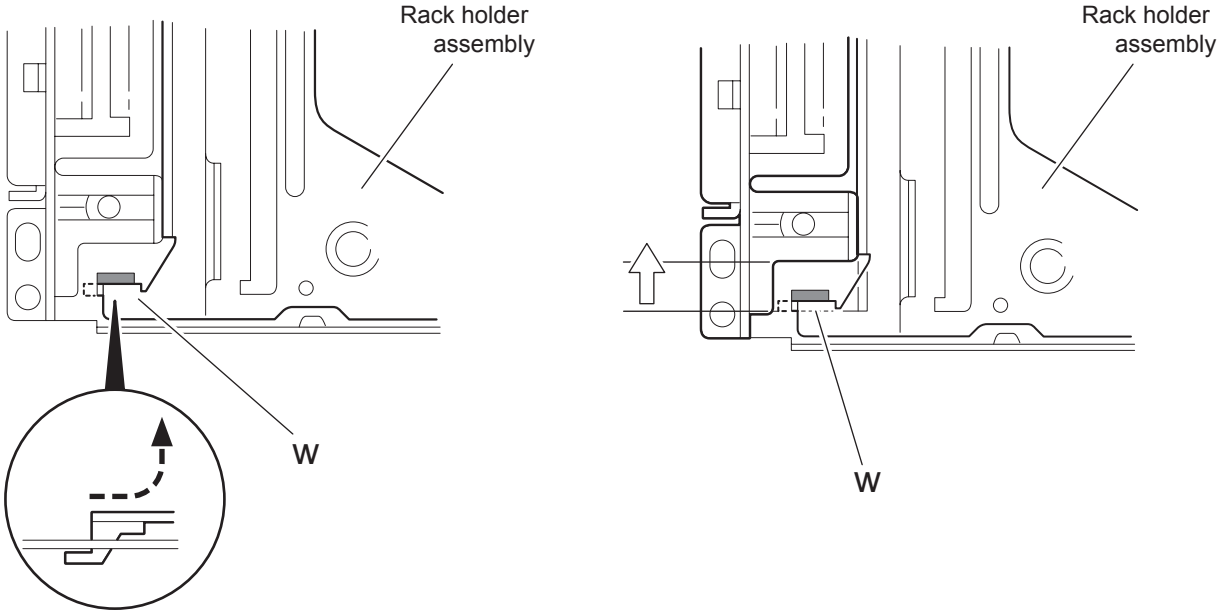


Fig.29

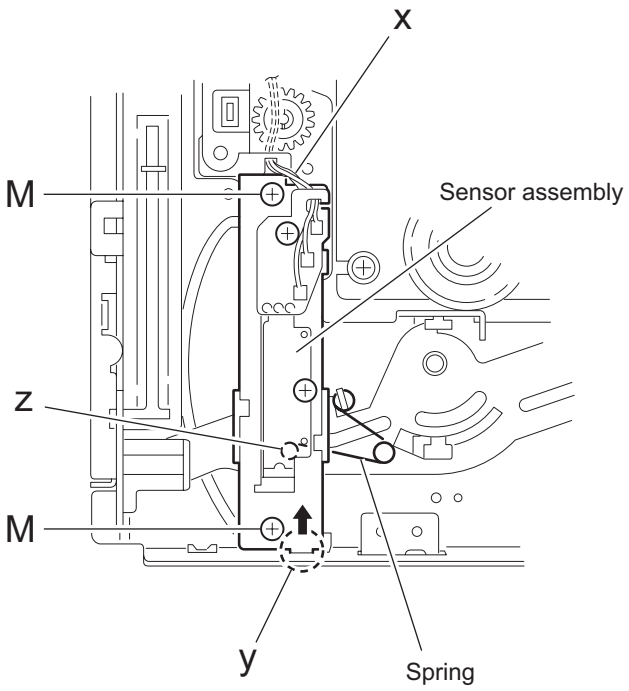


Fig.30

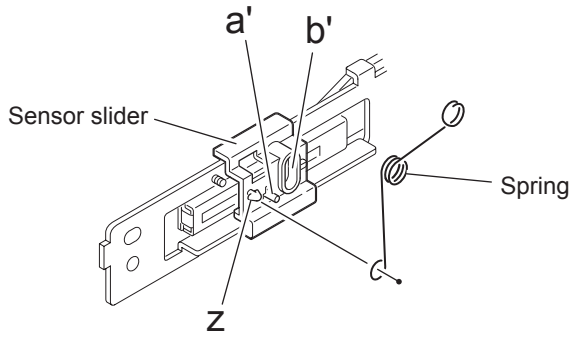


Fig.31

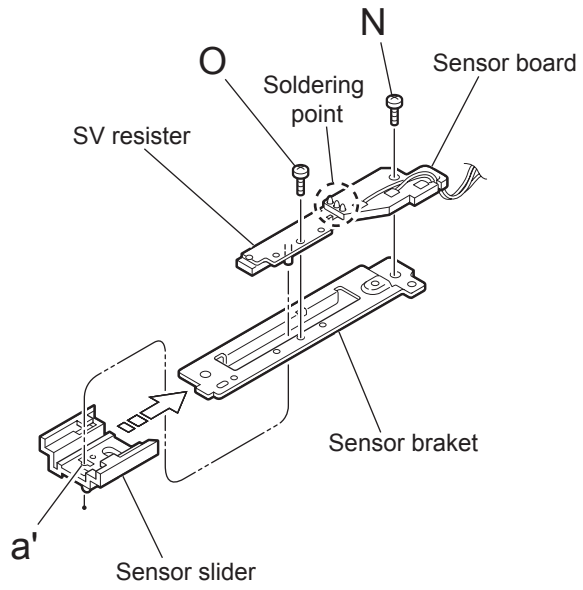


Fig.32

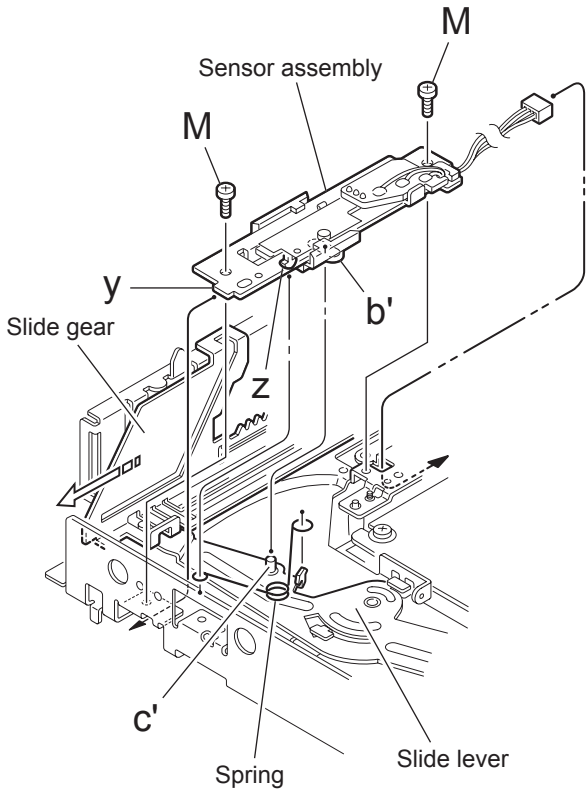


Fig.33

3.3.11 Removing the motor
(See Fig.34 ,35)

- Prior to performing the following procedure, remove the servo control board and top cover.

Attention:

You need not to remove the tray assembly, and in such case, move it.

(1) Remove the two belts on top of the body.
(2) Remove the four screws **N** attaching the motor.
(3) Remove the motor board from the bottom of the body.
(Refer to the section “Removing the motor board”.)

Attention:

When removing the motor board with the motor, you need not to unsolder four soldered parts.

Caution:

When reattaching the motor, turn the side where the label should be put to the front side.

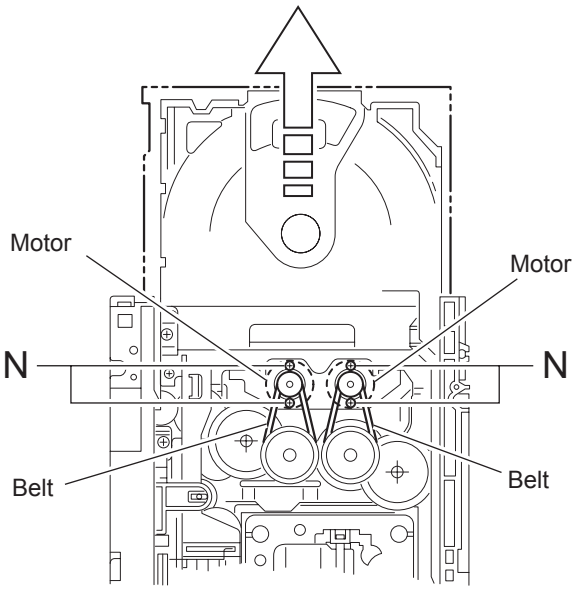


Fig.34

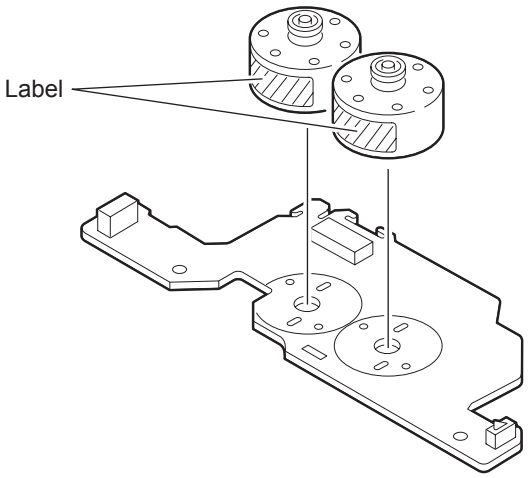


Fig.35

3.3.12 Taking out the CD in play mode (See Fig.36 ~ 39)

Attention:

Refer to “Removing the tray assembly”.

(1) Remove the top cover upward.

(2) Unlock the tray assembly and draw out the tray assembly toward the front.

(3) From top of the body, turn the 1 gear clockwise to move the lifter assembly upward.

(4) From top of the body, turn the 2 gear clockwise to move the sub tray remaining inside the lifter assembly toward the front, then pull out.

(5) Take out the CD on the sub tray.

(6) After clearing away the CD, insert the sub tray into the main tray.

Caution:

When reattaching the sub tray, move the tray stopper on the bottom of the main tray in the direction of the arrow to lock the sub tray certainly.

(7) Push the tray assembly toward the body and reattach.

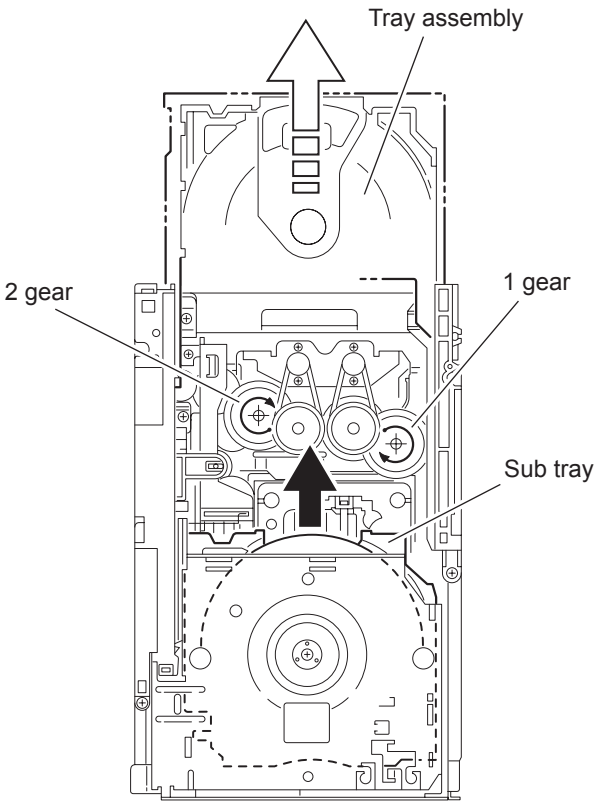


Fig.36

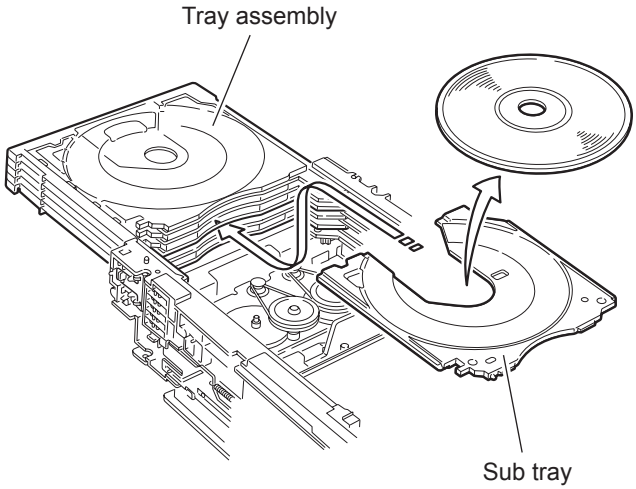


Fig.37

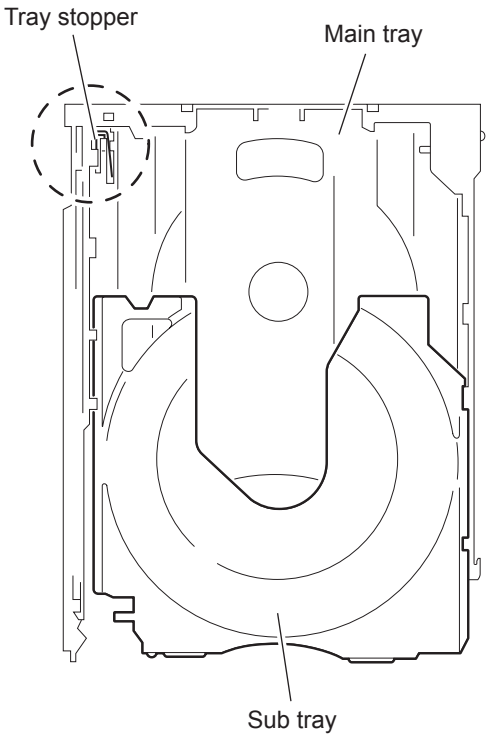


Fig.38

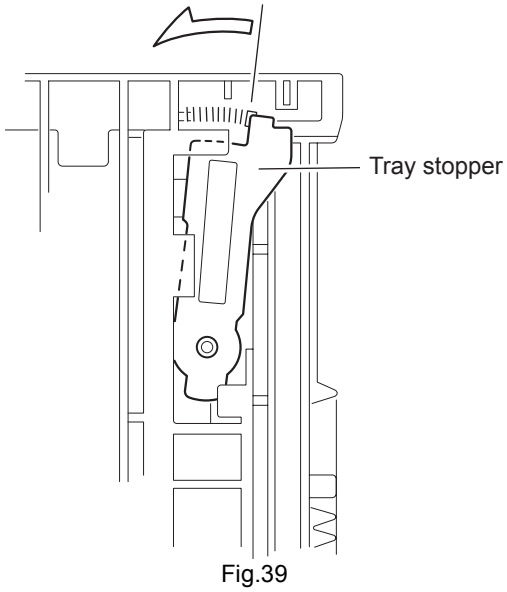


Fig.39

SECTION 4
ADJUSTMENT

This service manual does not describe ADJUSTMENT.

SECTION 5
TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.

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

(No.MB205)

Printed in Japan
WPC

JVC

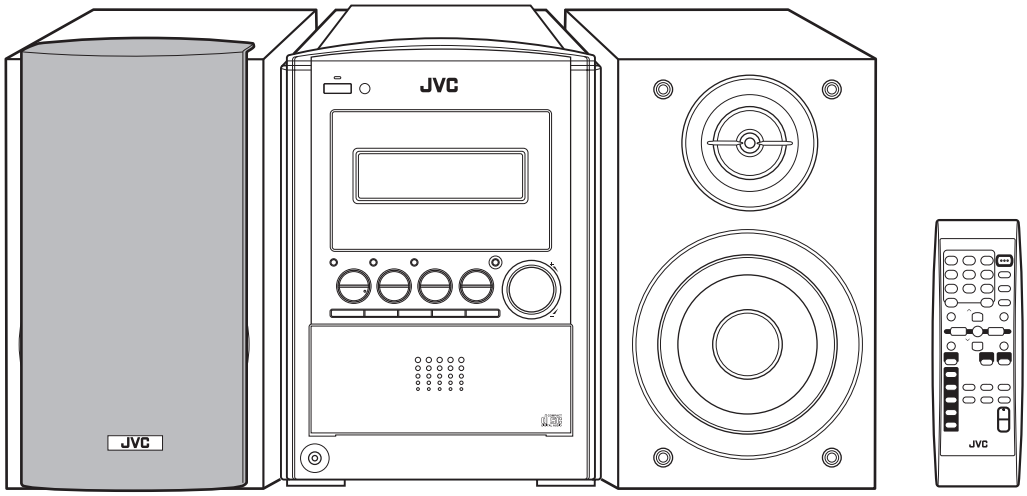
SCHEMATIC DIAGRAMS

COMPACT COMPONENT SYSTEM

FS-S57

CD-ROM No.SML200404

Area suffix	
J	U.S.A.
C	Canada



COMPACT disc DIGITAL AUDIO

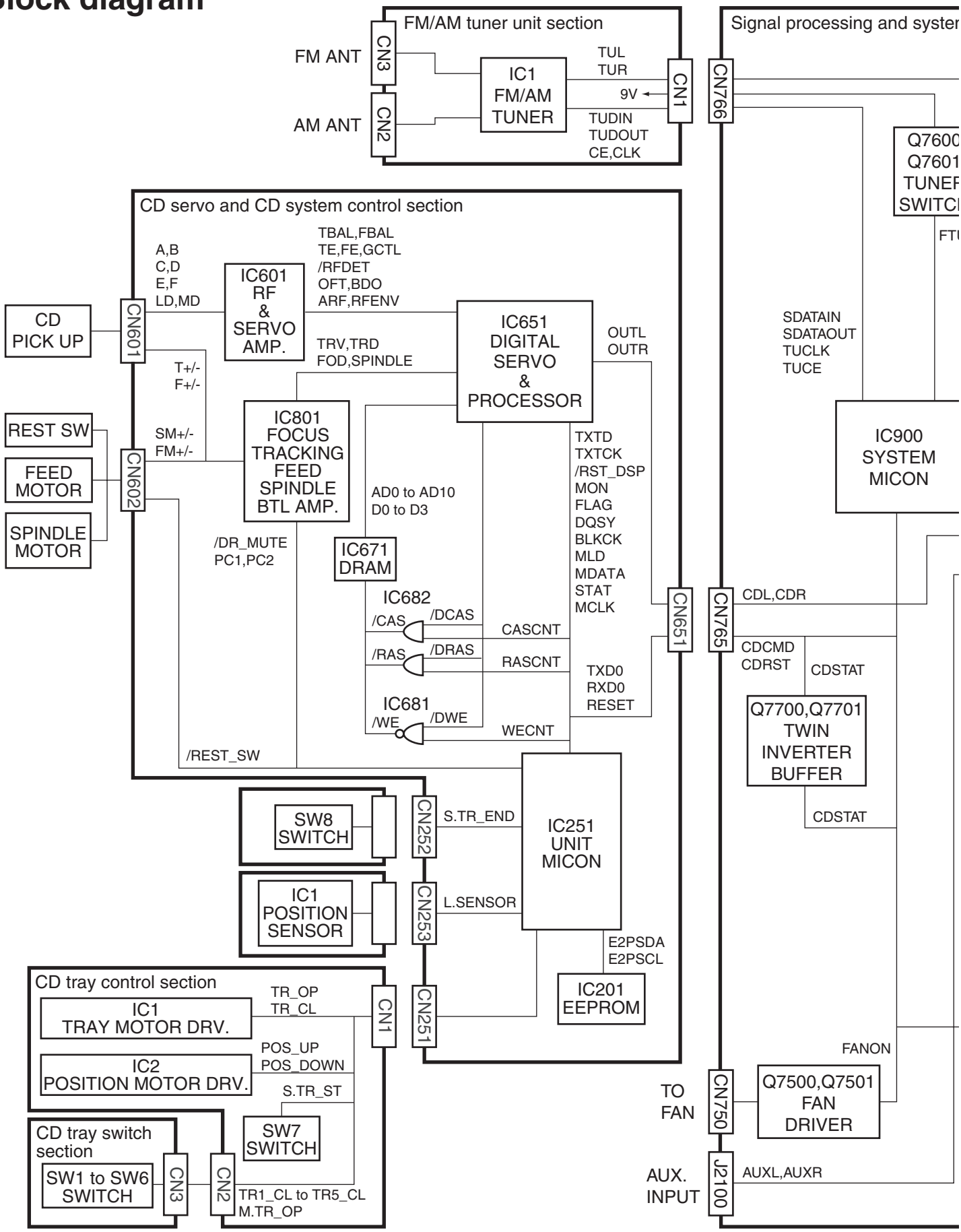
Contents

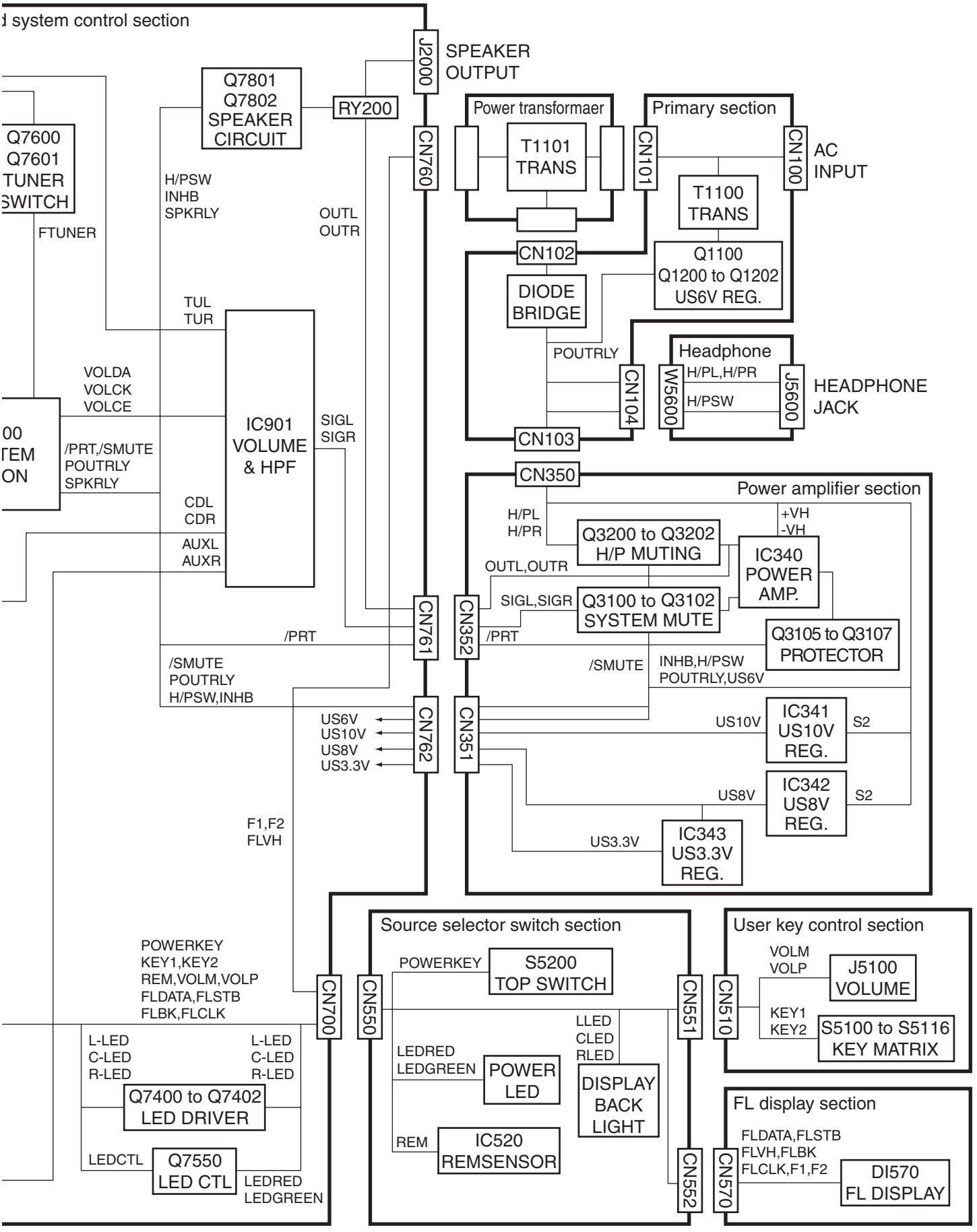
No.MB205SCH
2004/4

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▬) and ICP (⬤) or identified by the "⚠" mark nearby are critical for safety.
(This regulation does not correspond to J and C version.)

< MEMO >

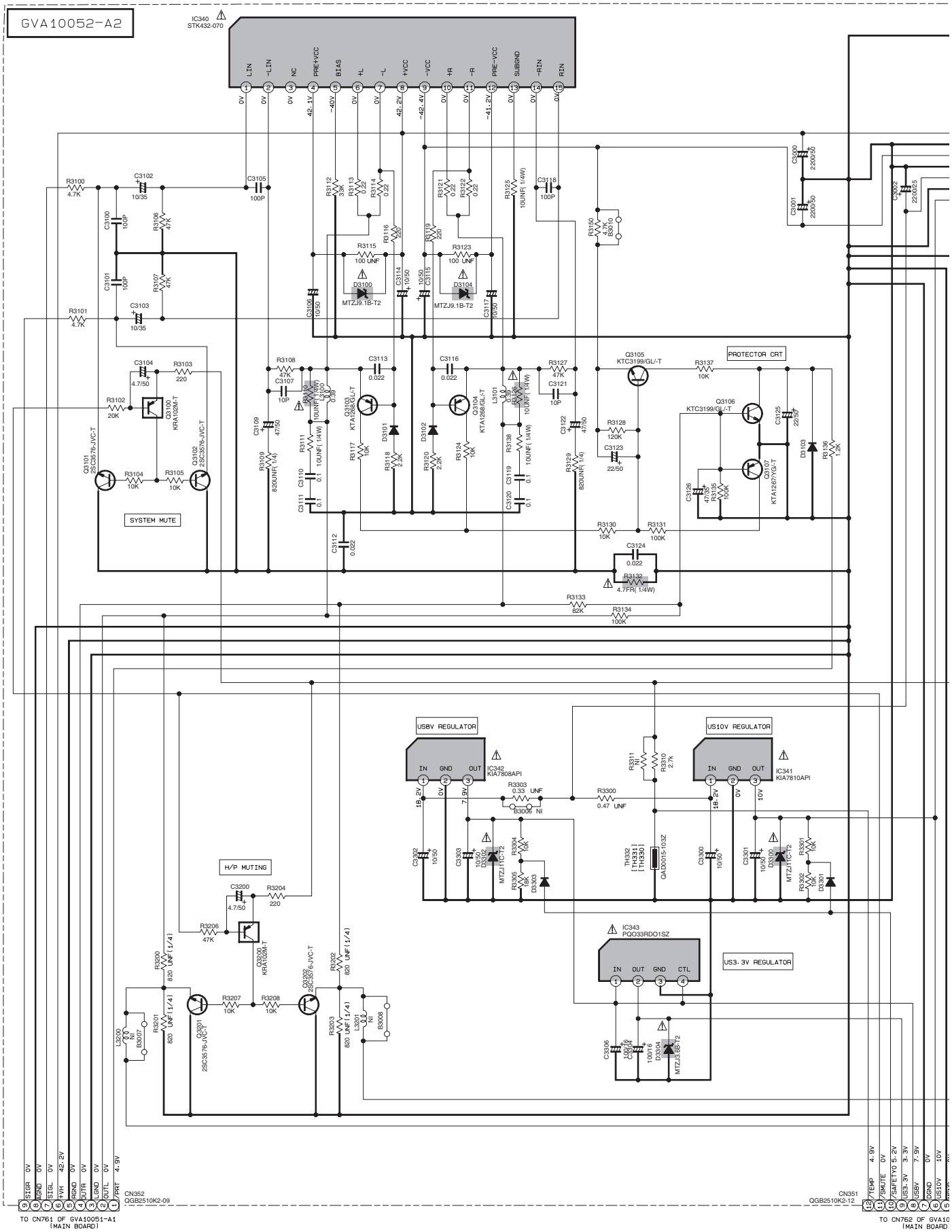
Block diagram

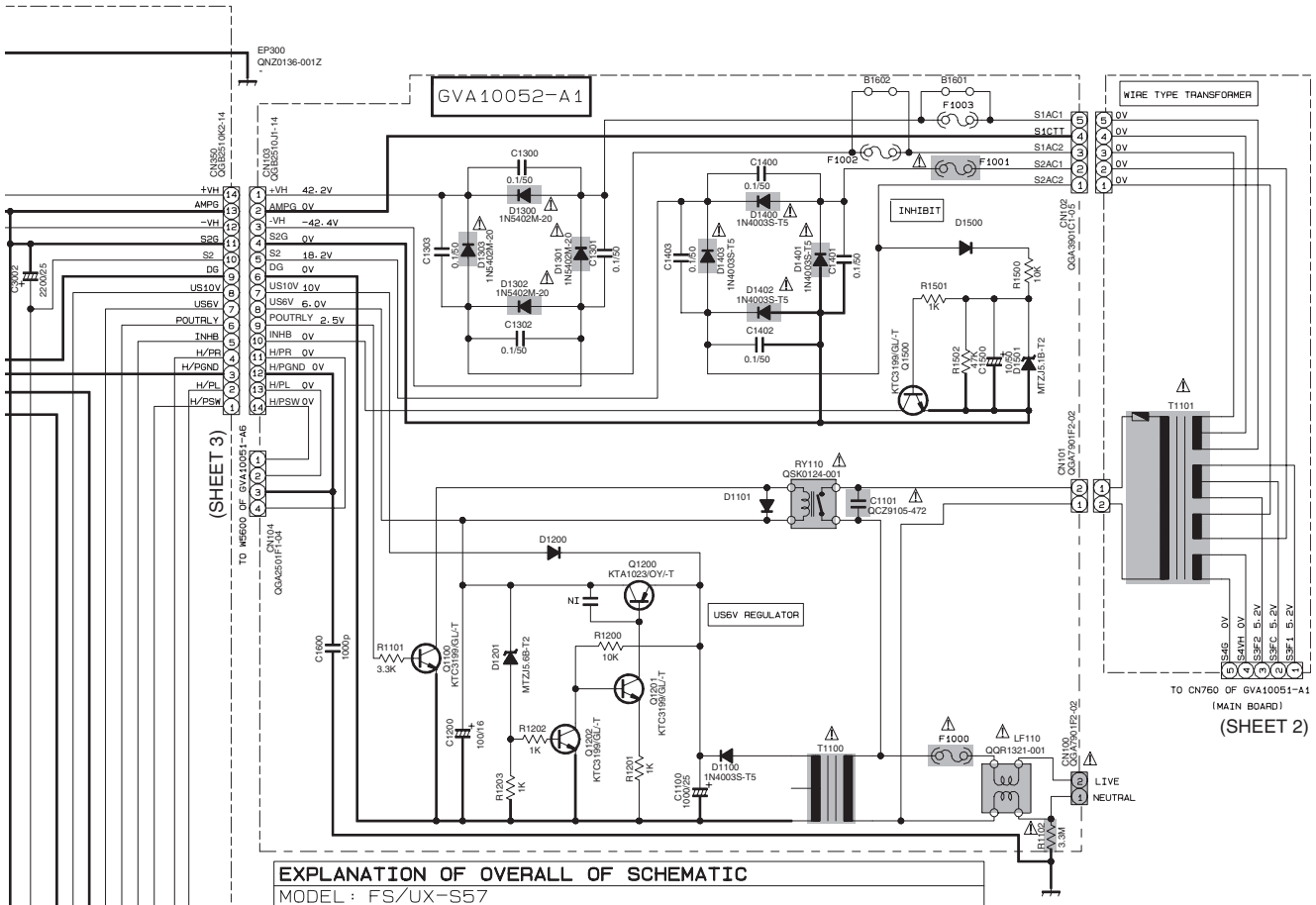



d system control section
J2000
SPEAKER
OUTPUT
Q7801
Q7802
SPEAKER
CIRCUIT
RY200
CN760
Power transformaer
T1101
TRANS
Primary section
CN101
CN100
AC
INPUT
T1100
TRANS
Q7600
Q7601
TUNER
SWITCH
FTUNER
H/PSW
INHB
SPKRLY
OUTL
OUTR
CN102
Q1100
Q1200 to Q1202
US6V REG.
DIODE
BRIDGE
TUL
TUR
POUTRLY
Headphone
H/PL,H/PR
H/PSW
W5600
J5600
HEADPHONE
JACK
CN104
CN103
VOLDA
VOLCK
VOLCE
IC901
VOLUME
& HPF
SIGL
SIGR
/PRT,/SMUTE
POUTRLY
SPKRLY
CDL
CDR
AUXL
AUXR
CN350
Power amplifier section
H/PL
H/PR
+VH
-VH
Q3200 to Q3202
H/P MUTING
IC340
POWER
AMP.
OUTL,OUTR
SIGL,SIGR
Q3100 to Q3102
SYSTEM MUTE
Q3105 to Q3107
PROTECTOR
/PRT
/SMUTE
INHB,H/PSW
POUTRLY,US6V
CN761
CN352
CN762
CN351
US6V
US10V
US8V
US3.3V
US10V
IC341
US10V
REG.
S2
US8V
IC342
US8V
REG.
S2
US3.3V
IC343
US3.3V
REG.
F1,F2
FLVH
Source selector switch section
User key control section
POWERKEY
KEY1,KEY2
REM,VOLM,VOLP
FLDATA,FLSTB
FLBK,FLCLK
CN700
CN550
POWERKEY
S5200
TOP SWITCH
CN551
CN510
VOLM
VOLP
J5100
VOLUME
KEY1
KEY2
S5100 to S5116
KEY MATRIX
L-LED
C-LED
R-LED
L-LED
C-LED
R-LED
Q7400 to Q7402
LED DRIVER
LLED
CLED
RLED
LEDRED
LEDGREEN
POWER
LED
DISPLAY
BACK
LIGHT
FL display section
REM
IC520
REMSENSOR
FLDATA,FLSTB
FLVH,FLBK
FLCLK,F1,F2
DI570
FL DISPLAY
CN552
CN570
LEDCTL
Q7550
LED CTL
LEDRED
LEDGREEN

Standard schematic diagrams

■ Primary and power amplifier section





EXPLANATION OF OVERALL OF SCHEMATIC

MODEL : FS/UX-S57

SHEET NUMBER	MODEL NUMBERS TO BE APPLIED	CIRCUITS DESCRIPTION
1	FS/UX-S57	* PRIMARY AND POWER AMP
2	FS/UX-S57	* SIGNAL PROCESSING AND SYSTEM CONTROL
3	FS/UX-S57	* FL DISPLAY/USERS KEY CONTROL/SOURCE SELECTOR SWITCH
4	FS/UX-S57	* CD SERVO AND CD SYSTEM CONTROL
5	FS/UX-S57	* CD TRAY CONTROL
6	FS/UX-S57	* FM/AM TUNER UNIT (J/C/UT/UF)

VERSION	COUNTRY	T1101	T1100	F1000	F1001	F1002	F1003	R1102
J	USA	QQT0400-001	QQT0253-012	2.5A-125V	1.6A-125V	B1602	B1601	3.3M
C	CANADA	QQT0400-001	QQT0253-012	2.5A-125V	1.6A-125V	B1602	B1601	3.3M
B	U.K	QQT0400-002	QQT0253-002	T1.6AL	T1.6AL	T5AL	T5AL	--
E	CONTINENTAL EUROPE	QQT0400-002	QQT0253-002	T1.6AL	T1.6AL	T5AL	T5AL	--
EN	NORDIC COUNTRIES	QQT0400-002	QQT0253-002	T1.6AL	T1.6AL	T5AL	T5AL	--
EV	POLAND, HUNGARY	QQT0400-002	QQT0253-002	T1.6AL	T1.6AL	T5AL	T5AL	--
A	AUSTRALIA	QQT0400-003	QQT0253-002	T1.6AL	T1.6AL	T5AL	T5AL	--
UT	TAIWAN	QQT0400-004	QQT0253-001	T3.15AL	T1.6AL	B1602	B1601	--
UP	KOREA	QQT0400-005	QQT0253-003	T1.6AL	T1.6AL	T5AL	T5AL	--
UF	CHINA	QQT0400-005	QQT0253-003	T1.6AL	T1.6AL	T5AL	T5AL	--

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

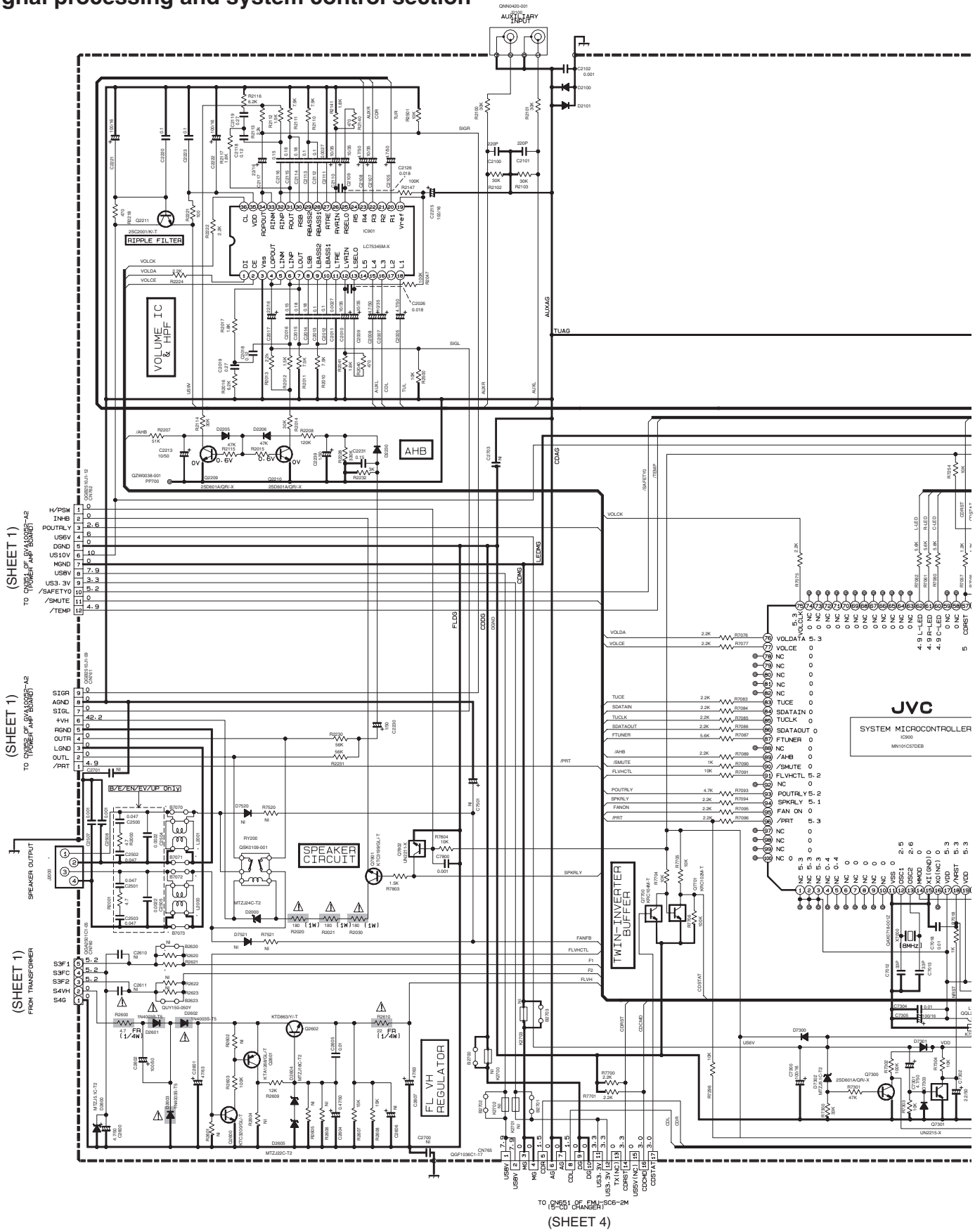
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL. CONDITION --- CD STOP MODE
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/10W ± 5% METAL GLAZE RESISTOR.
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).

ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
ALL INDUCTANCE VALUES ARE IN μH(m=mH).
ALL DIODES ARE 1SS133-T2.

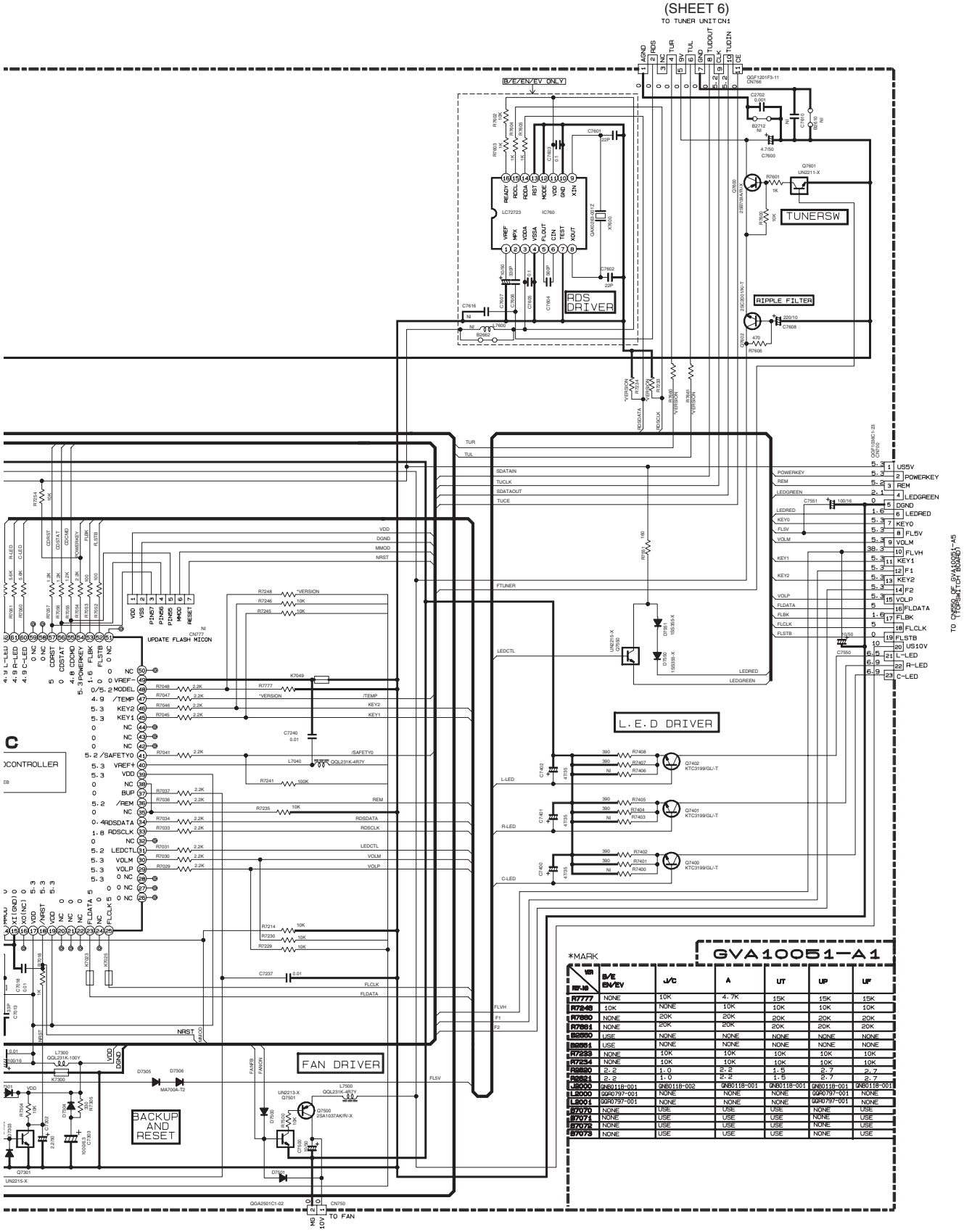
SHEET 1

■ Signal processing and system control section



PIN NO. / IC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
IC901	5.2	0	0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	7
IC760	2.6	5.2	5.2	0	2.6	2.6	0	2.6	2.6	0	5.2	0	0	0	0	5.2																			

(SHEET 6)



*MARK

GVA100051-A1

REF.NO	B/E EN/EV	J/C	A	UT	UP	UF
R7777	NONE	10K	4.7K	15K	15K	15K
R7248	10K	NONE	10K	10K	10K	10K
R7880	NONE	20K	20K	20K	20K	20K
R7881	NONE	20K	20K	20K	20K	20K
S2660	USE	NONE	NONE	NONE	NONE	NONE
S2661	USE	NONE	NONE	NONE	NONE	NONE
R7233	NONE	10K	10K	10K	10K	10K
R7234	NONE	10K	10K	10K	10K	10K
R2620	2.2	1.0	2.2	1.5	2.7	2.7
R2621	2.2	1.0	2.2	1.5	2.7	2.7
L2000	GNB011B-001	GNB011B-002	GNB011B-001	GNB011B-001	GNB011B-001	GNB011B-001
L2000	GQR0797-001	NONE	NONE	NONE	GQR0797-001	NONE
L2001	GQR0797-001	NONE	NONE	NONE	GQR0797-001	NONE
S7070	NONE	USE	USE	USE	NONE	USE
S7071	NONE	USE	USE	USE	NONE	USE
S7072	NONE	USE	USE	USE	NONE	USE
S7073	NONE	USE	USE	USE	NONE	USE

3	34	35	36
5	3.5	7	0

NOTES

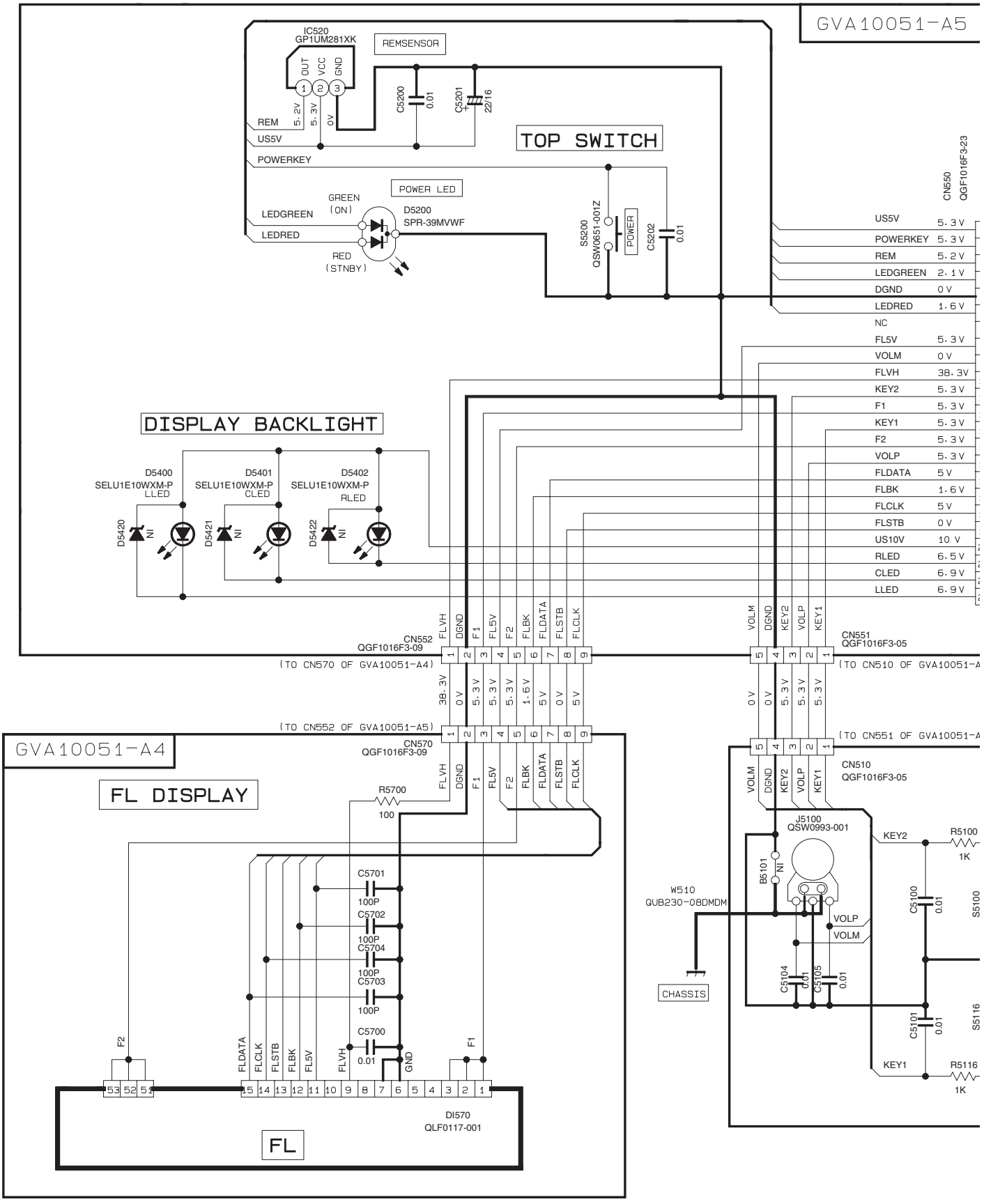
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL. CONDITION --- CD STOP MODE
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTORS ARE 1/4W ± 5% CARBON FILM RESISTOR OR 0.063W ±5% THICK FILM CHIP RESISTOR
   ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.

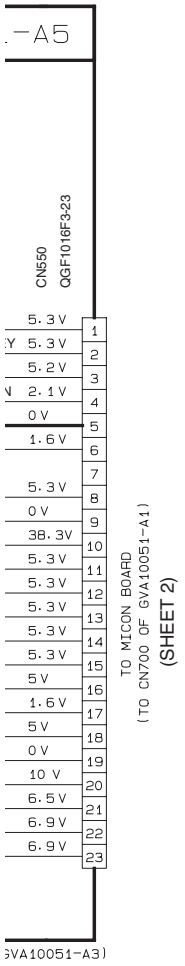
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITANCE VALUES ARE IN F(P=pF).
ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF/RATED VOLTAGE (V).
ALL INDUCTANCE VALUES ARE IN μH(m=mH).
ALL DIODES ARE 1SS119-041-T2
ALL FERRITE BEADS ARE GQR0621-001Z

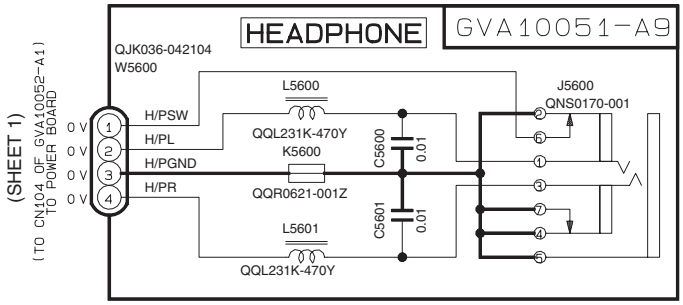
⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

SHEET 2

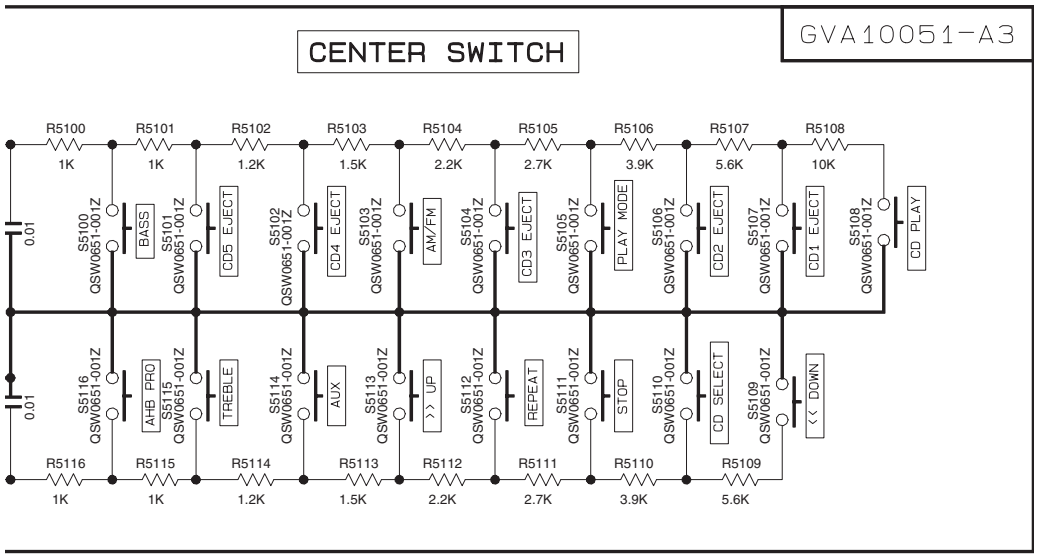
■ FL display / Users key control / Source selector switch section





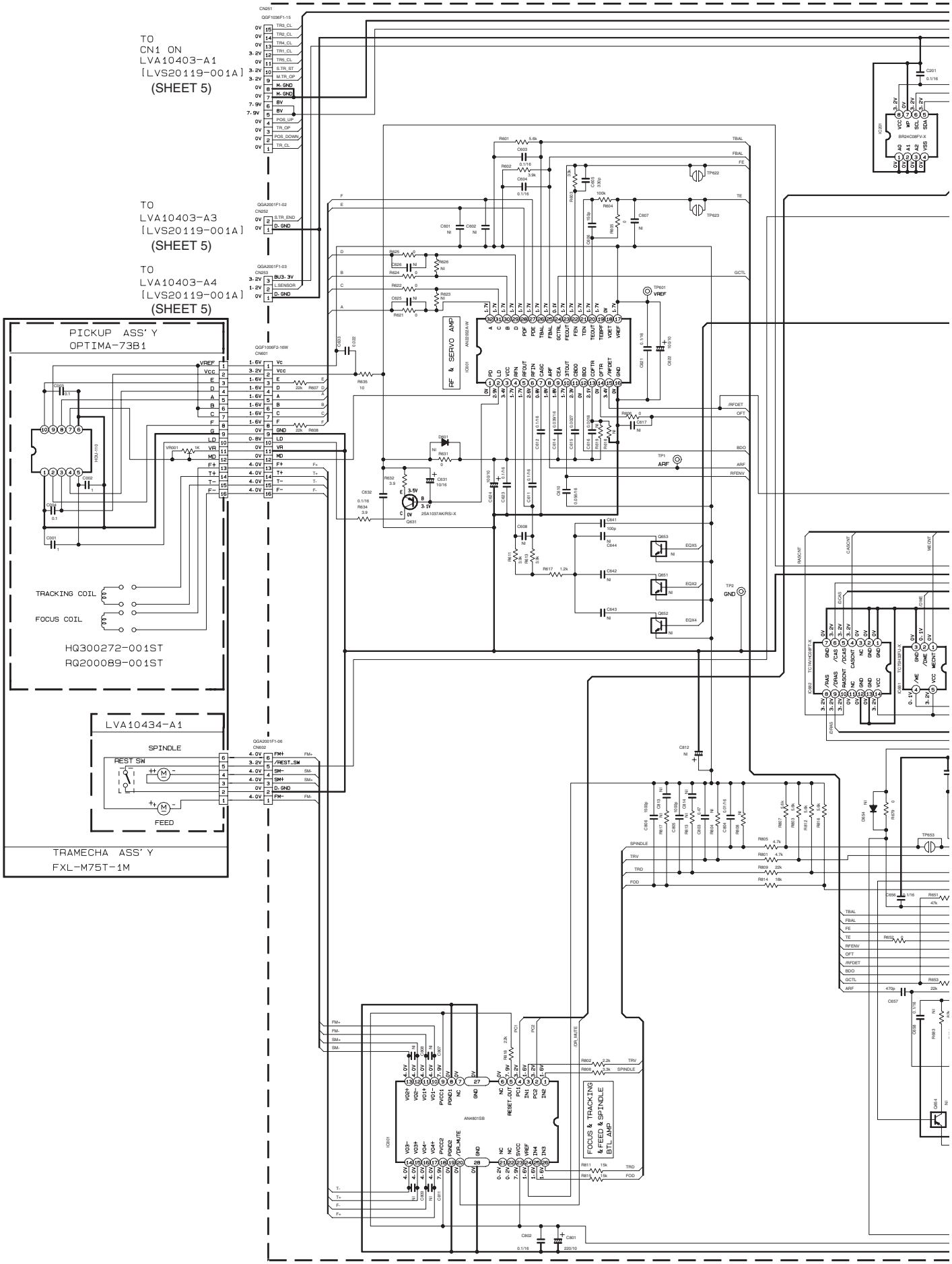


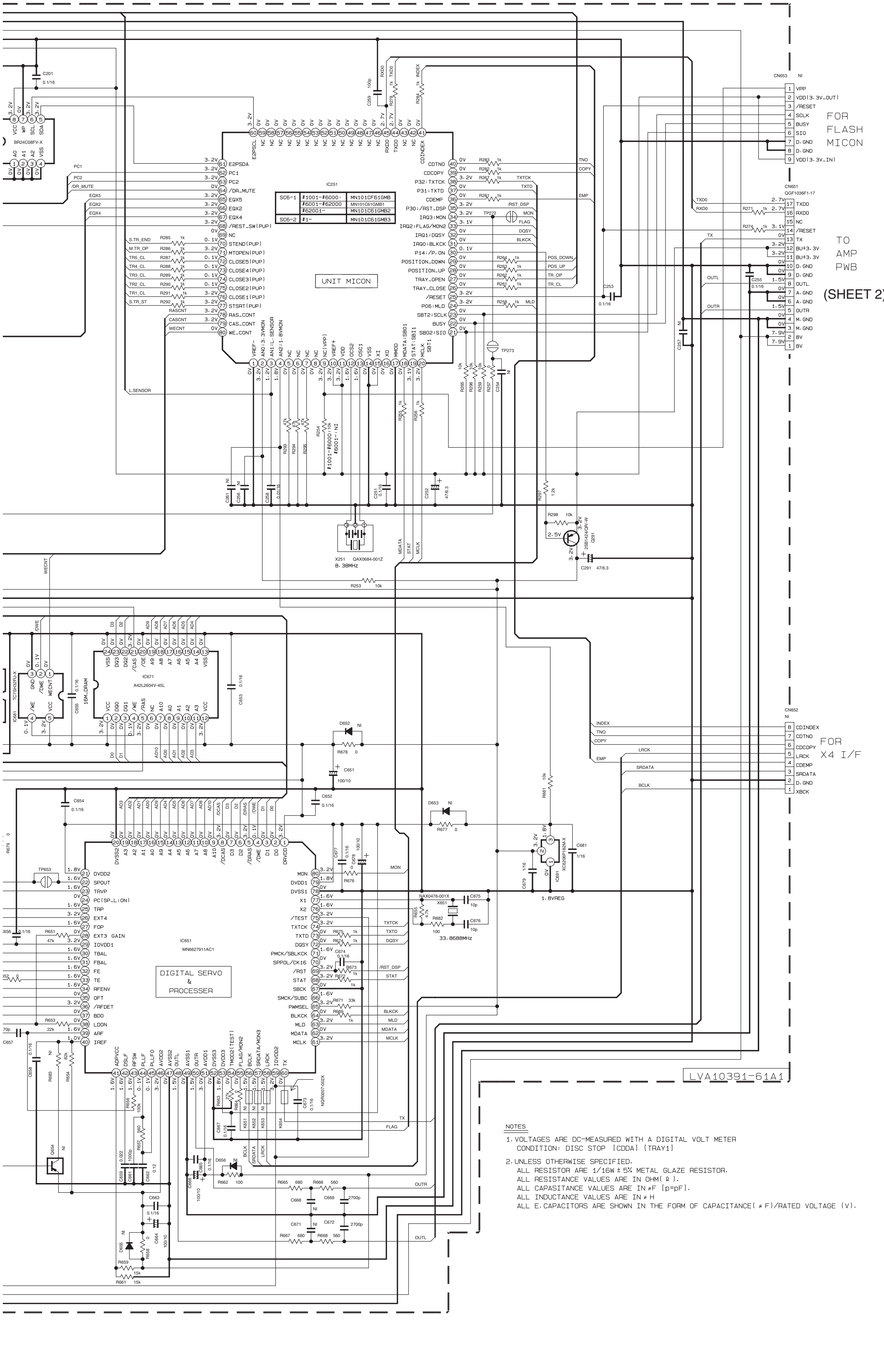
GVA10051-A5)



SHEET 3

■ CD servo and CD system control section



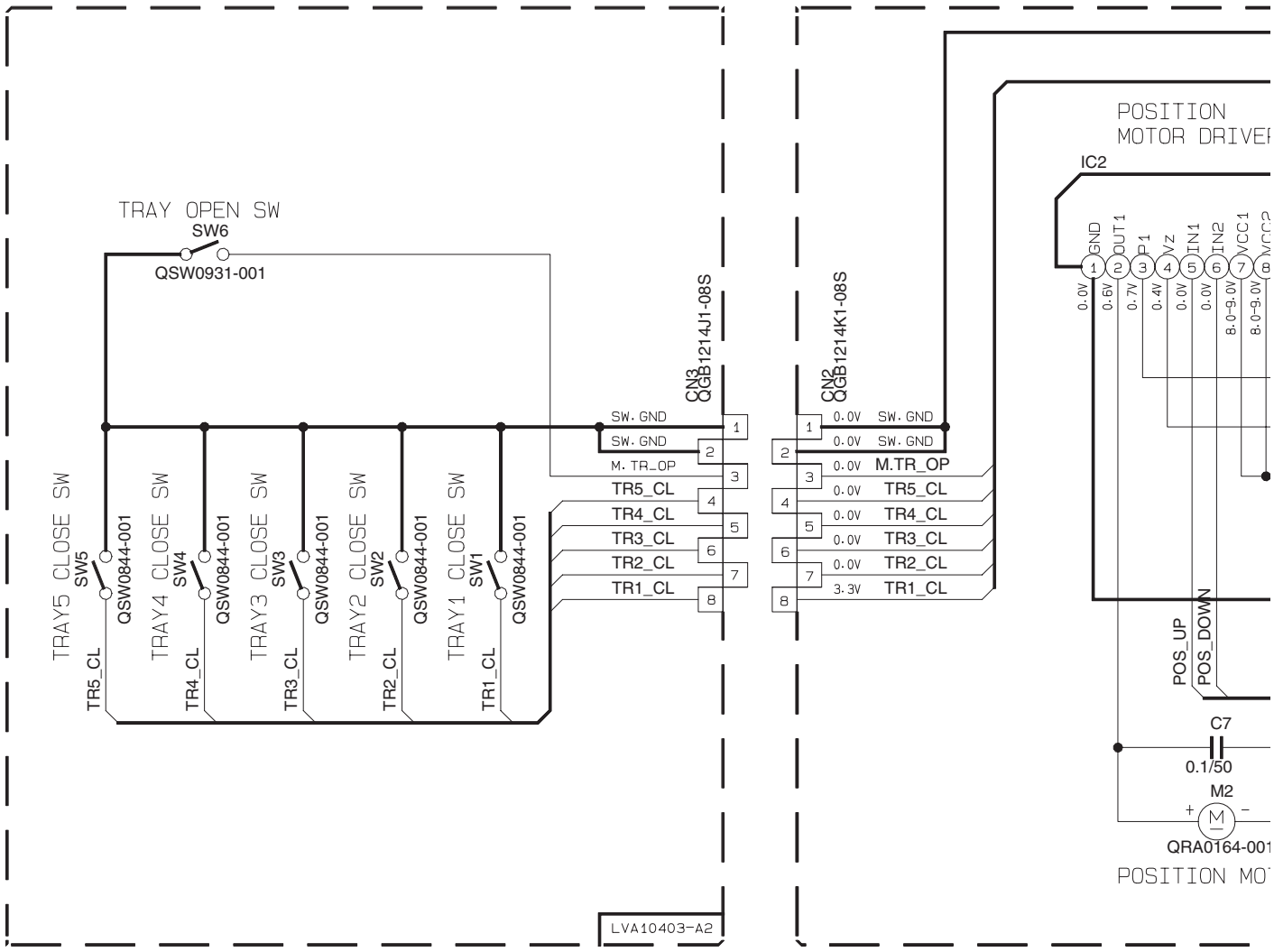


NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
   CONDITION: DISC STOP [CDDA] [TRAY1]
2. UNLESS OTHERWISE SPECIFIED.
   ALL RESISTOR ARE 1/16W ± 5% METAL GLAZE RESISTOR.
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPASITANCE VALUES ARE IN μF (p=pF).
   ALL INDUCTANCE VALUES ARE IN μH
   ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).

SHEET 4

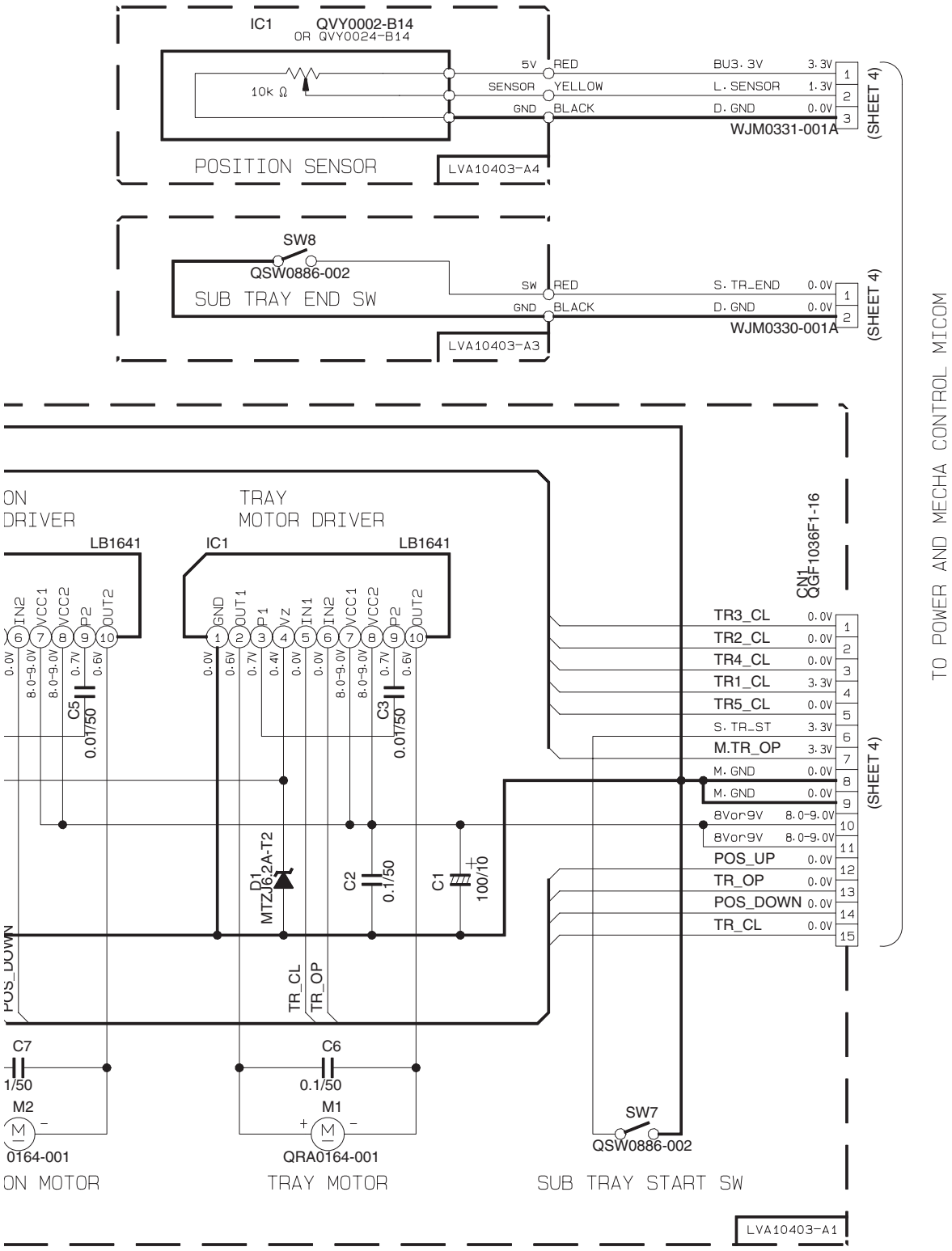
■ CD tray control section



NOTES

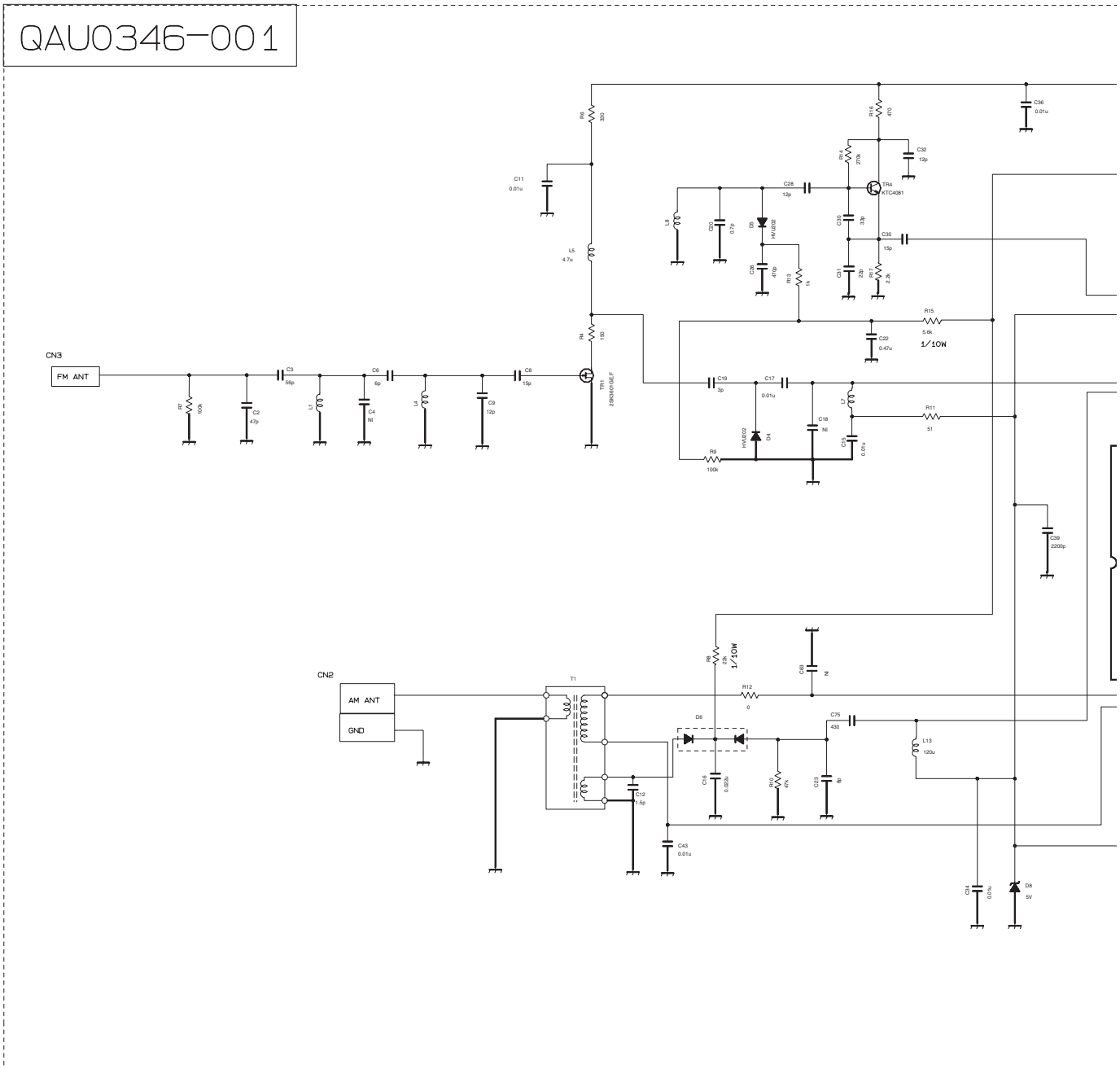
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER.
   CONDITION:DISC1 STOP

2. UNLESS OTHERWISE SPECIFIED.
   ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE(V).

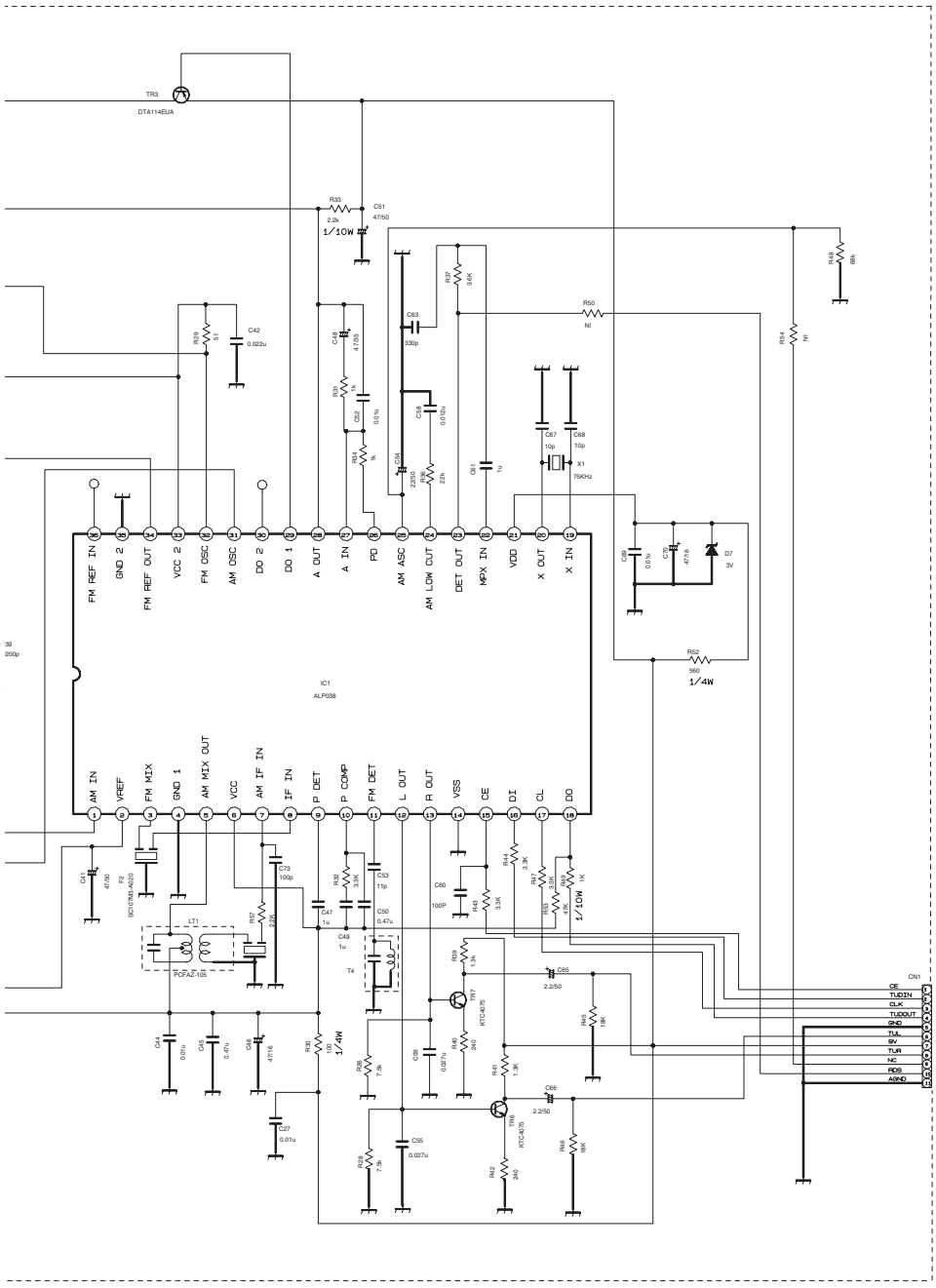

IC1 QVY0002-B14
OR QVY0024-B14
10k Ω
5V RED BU3.3V 3.3V
SENSOR YELLOW L.SENSOR 1.3V
GND BLACK D.GND 0.0V
WJM0331-001A
(SHEET 4)
POSITION SENSOR
LVA10403-A4
SW8
QSW0886-002
SW RED S.TR_END 0.0V
GND BLACK D.GND 0.0V
WJM0330-001A
(SHEET 4)
SUB TRAY END SW
LVA10403-A3
TO POWER AND MECHA CONTROL MICOM
ON DRIVER
TRAY MOTOR DRIVER
LB1641
IC1
LB1641
CN1
QGF1036F1-16
TR3_CL 0.0V
TR2_CL 0.0V
TR4_CL 0.0V
TR1_CL 3.3V
TR5_CL 0.0V
S.TR_ST 3.3V
M.TR_OP 3.3V
M.GND 0.0V
M.GND 0.0V
8Vor9V 8.0-9.0V
8Vor9V 8.0-9.0V
POS_UP 0.0V
TR_OP 0.0V
POS_DOWN 0.0V
TR_CL 0.0V
(SHEET 4)
C5 0.01/50
C3 0.01/50
D1 MTZJ6.2A-T2
C2 0.1/50
C1 100/10
POS_DOWN
TR_CL
TR_OP
C7 1/50
C6 0.1/50
M2
M1
0164-001
QRA0164-001
SW7
QSW0886-002
ON MOTOR
TRAY MOTOR
SUB TRAY START SW
LVA10403-A1

SHEET 5

■ FM / AM tuner unit section



NOTE



(SHEET 2)

NOTES

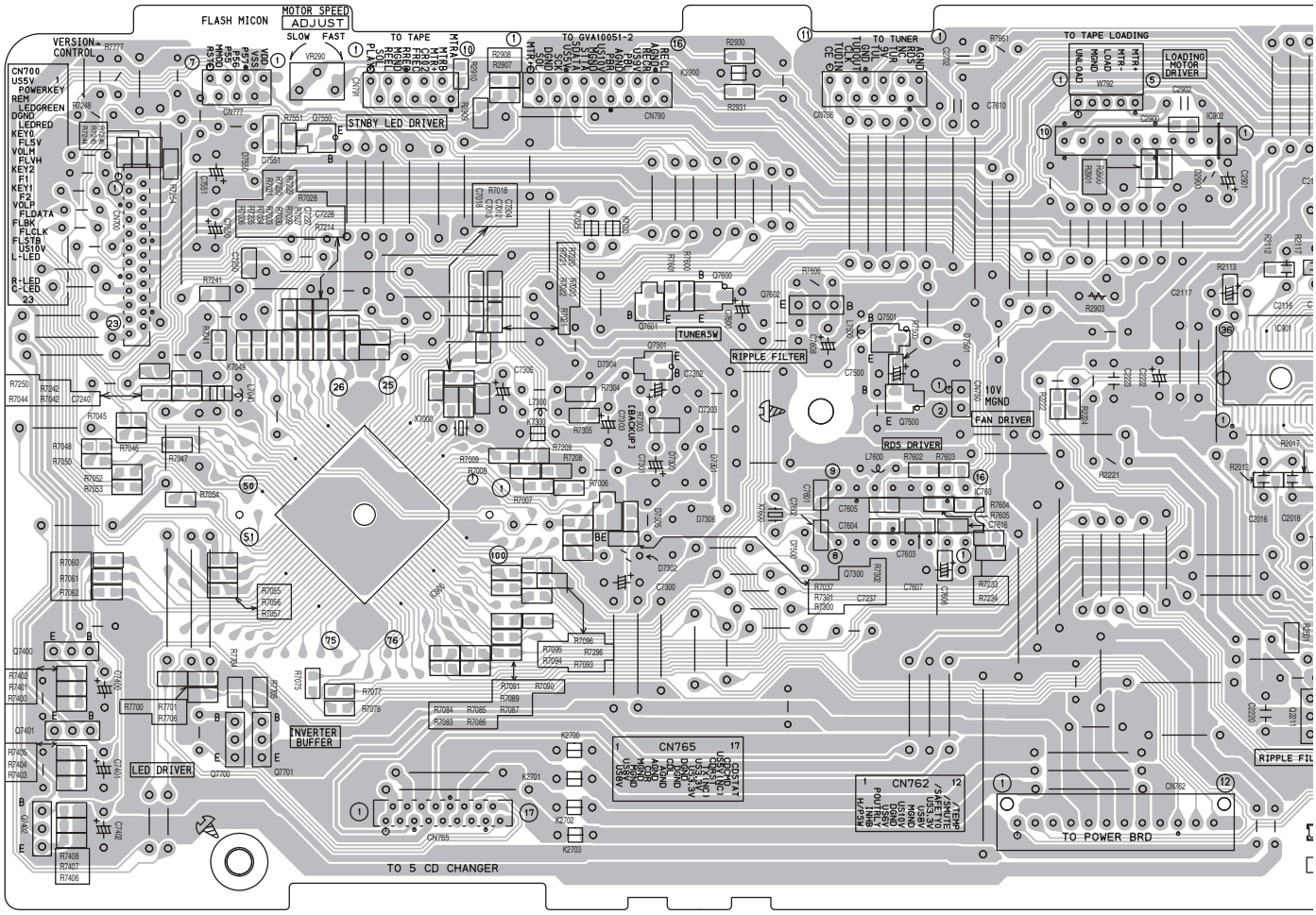
1. UNLESS OTHERWISE SPECIFIED
   ALL RESISTANCE VALUES ARE IN OHM(Ω).
   ALL CAPACITANCE VALUES ARE IN μF(P=pF).
   ALL INDUCTANCE VALUES ARE IN μH(m=mH).
   ALL E-CAPACITORS ARE SHOWN IN THE FORM
   OF CAPACITANCE (μF)/RATED VOLTAGE (V).

SHEET 6

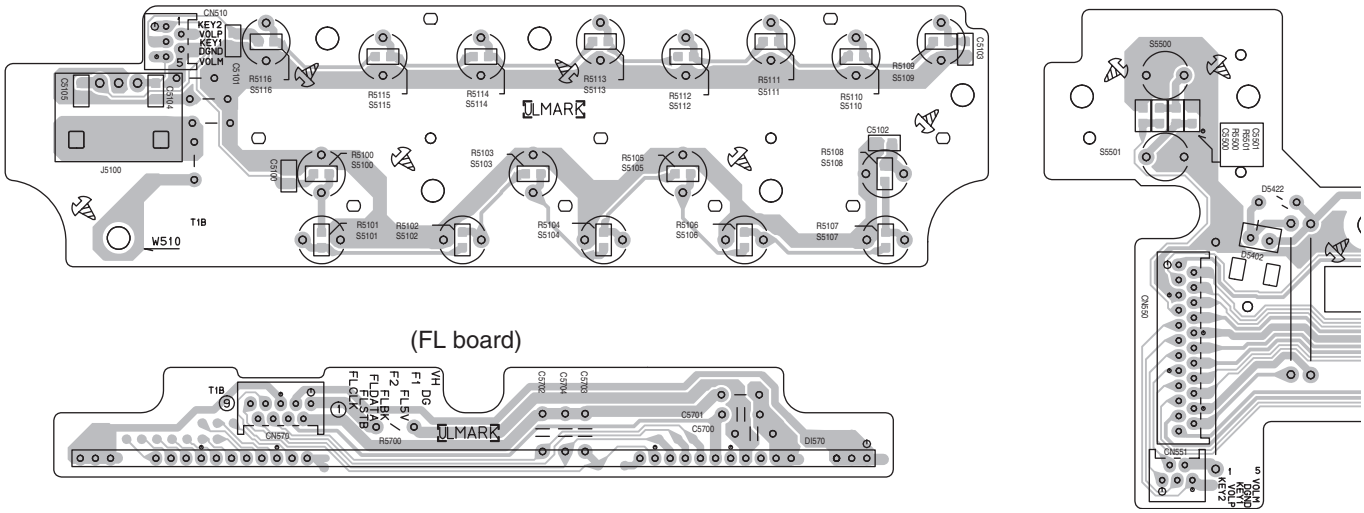
Printed circuit boards

■ Micon board

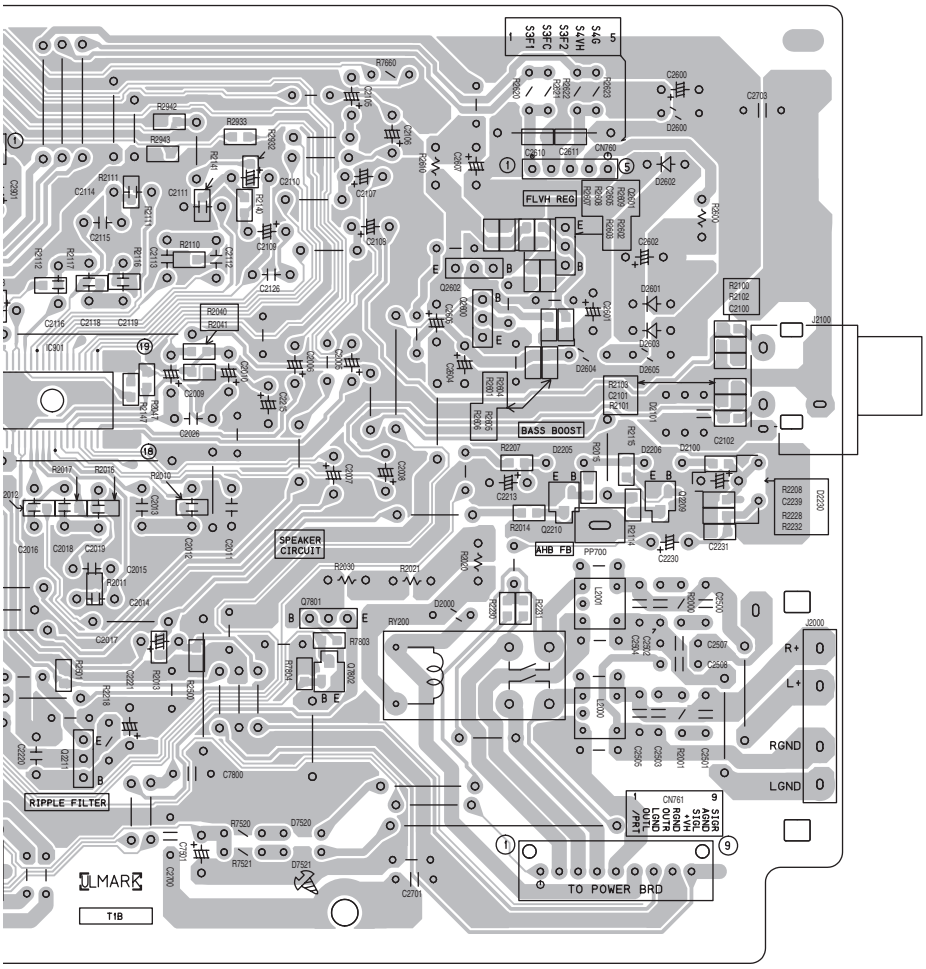
(Micon board)

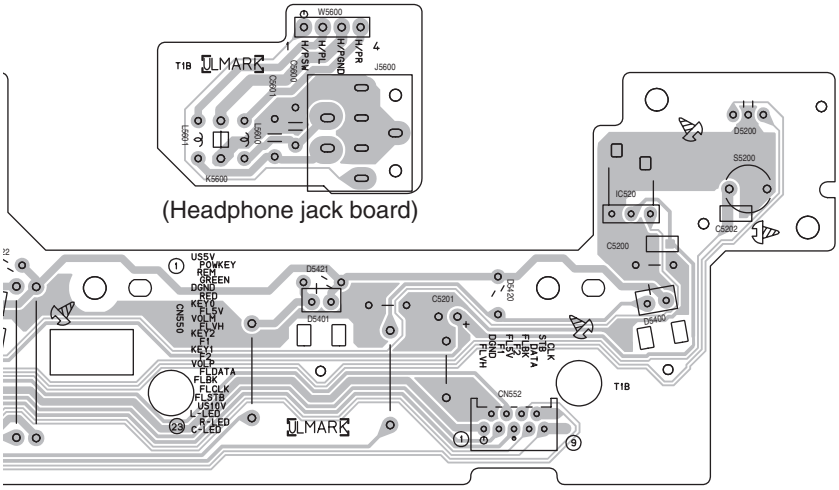


(Switch board)



(FL board)



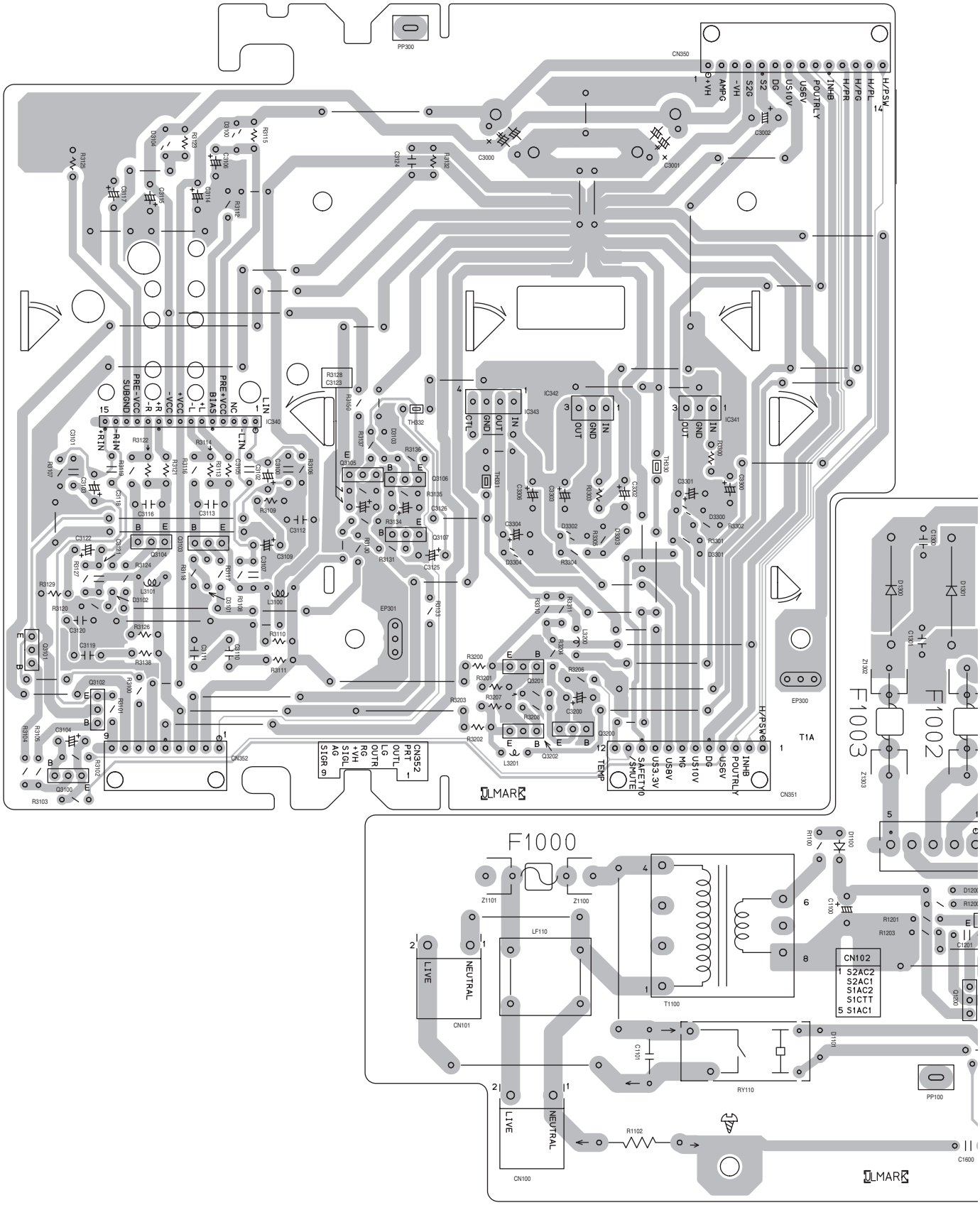


(Headphone jack board)

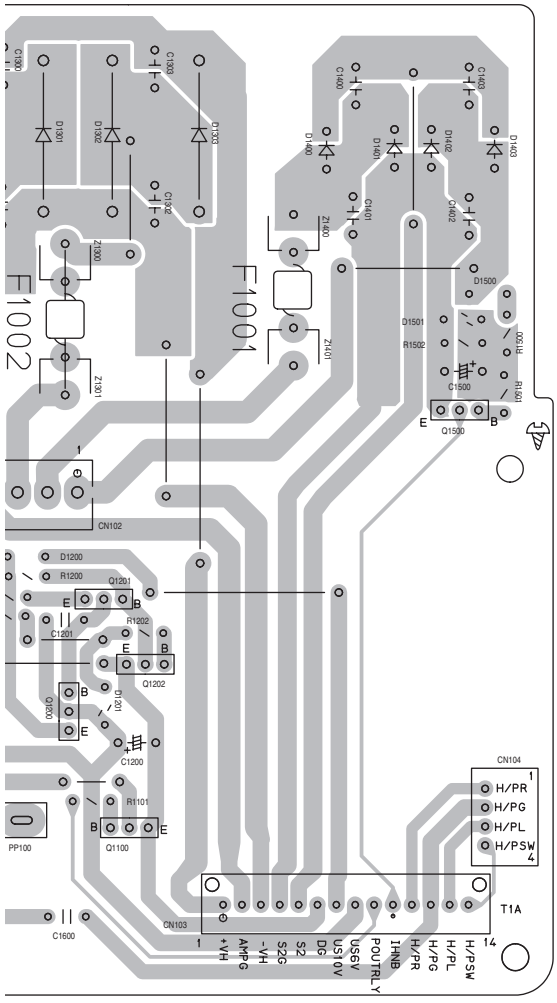
(Back light board)

■ Power board

(Power amplifier board)

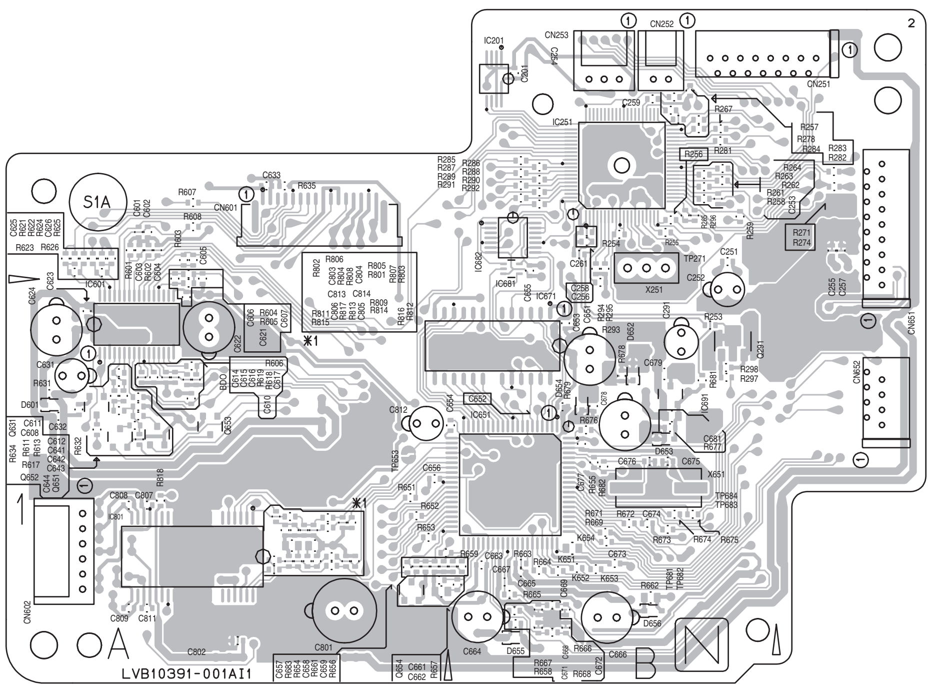


(Primary board)

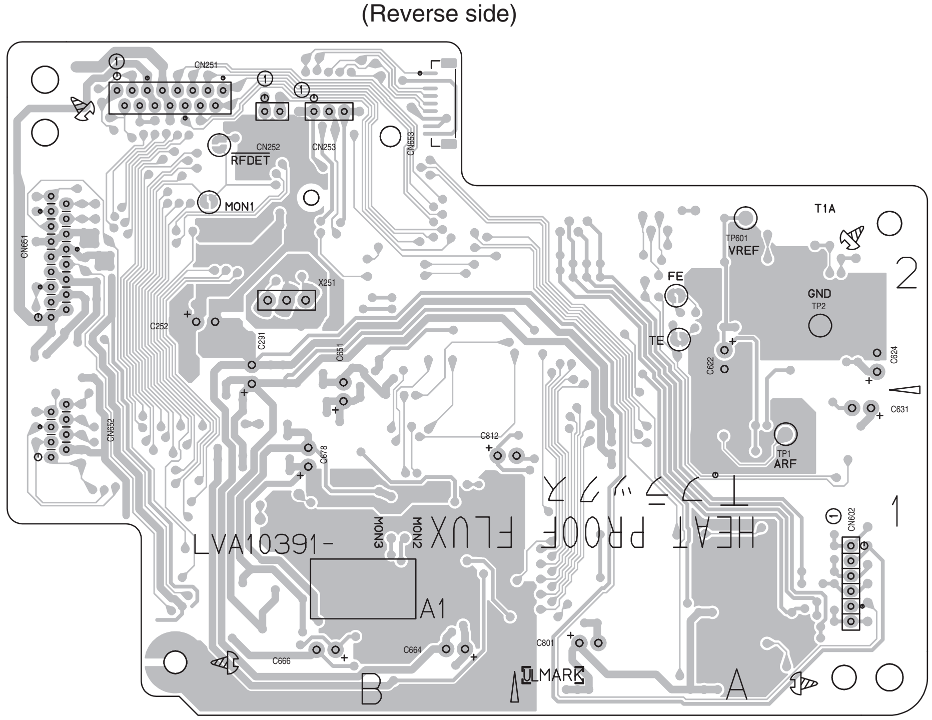


■ CD servo board

(Forward side)

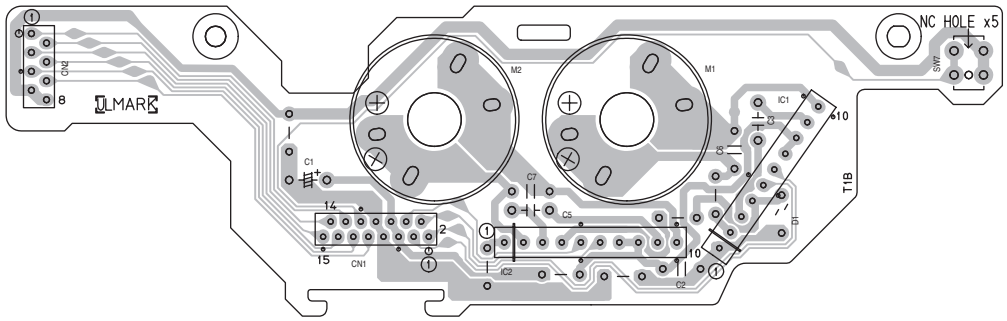


(Reverse side)

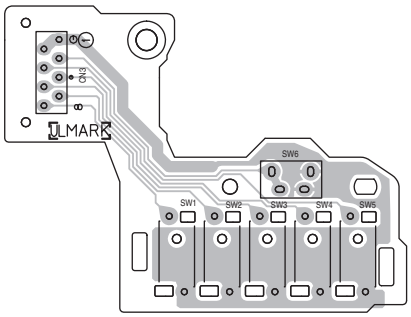


■ Loading switch board

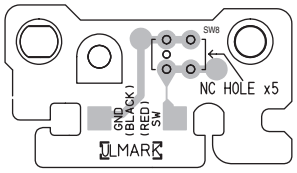
(Motor board)



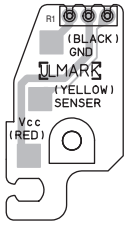
(Tray switch board)



(Switch board)



(Sensor board)



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

(No.MB205SCH)

Printed in Japan
WPC

PARTS LIST

[FS-S57]

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

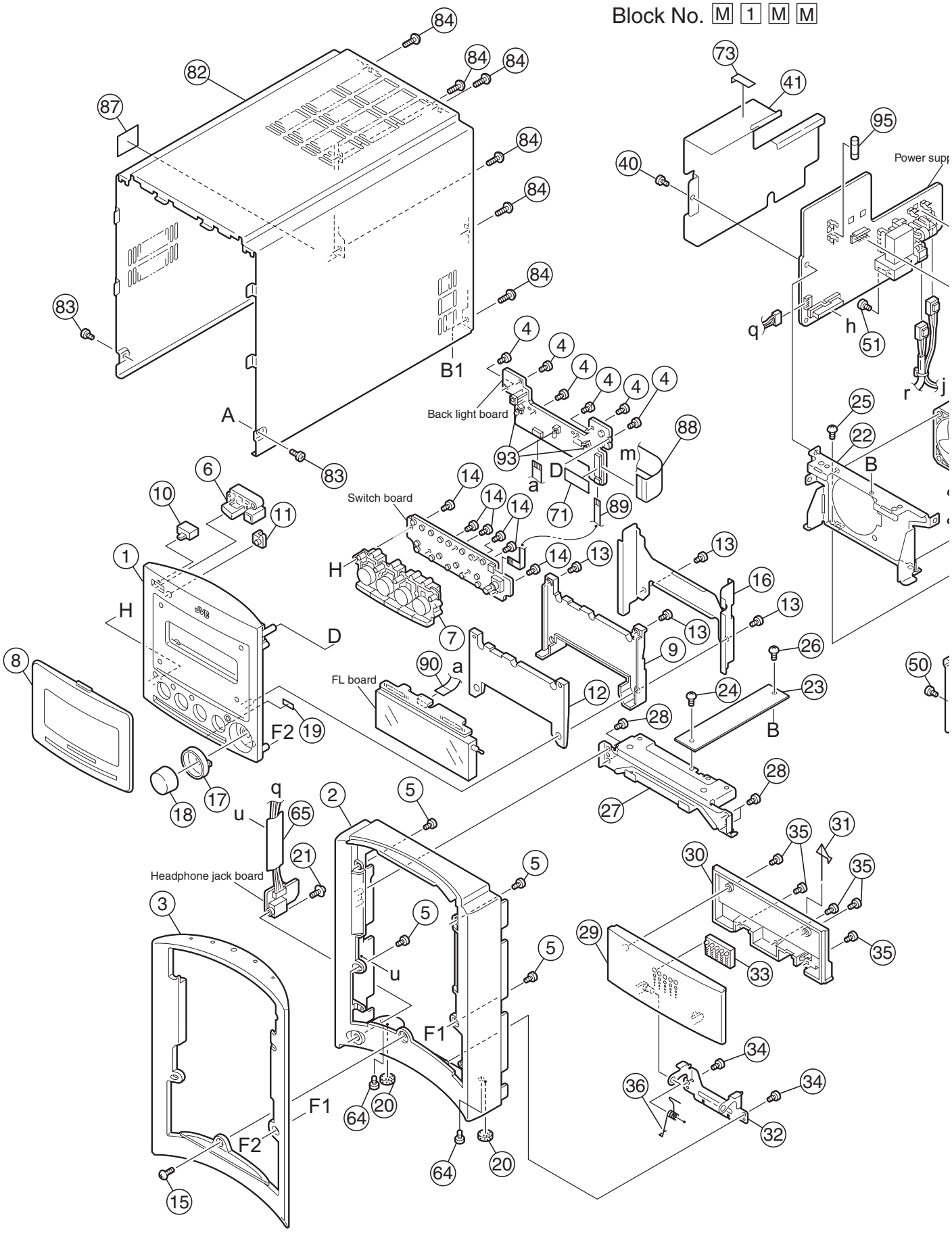
Area suffix

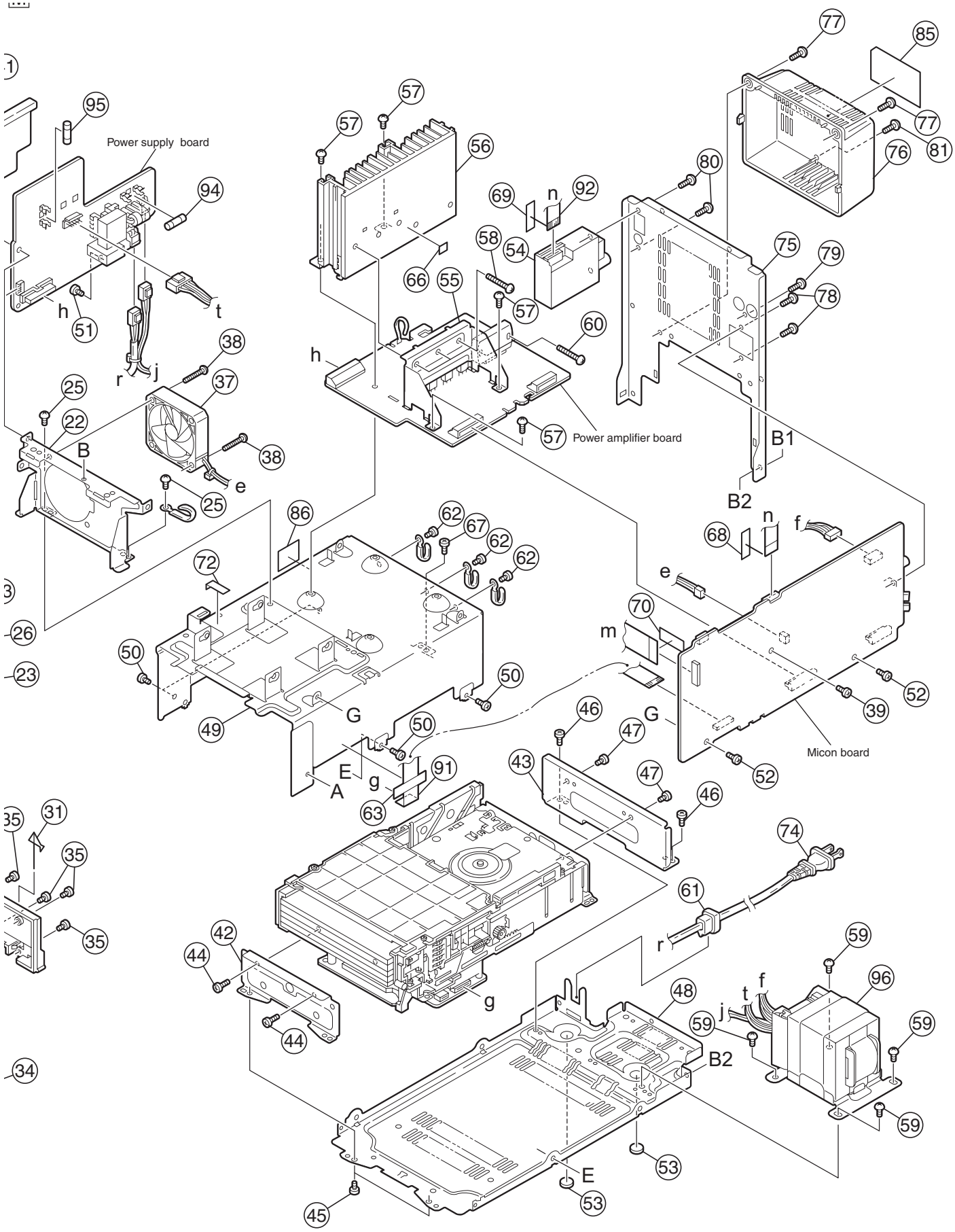
J ---------- U.S.A.
C ---------- Canada

- Contents -

Exploded view of general assembly and parts list

Block No. M 1 M M




Power supply board
Power amplifier board
Micon board

General assembly

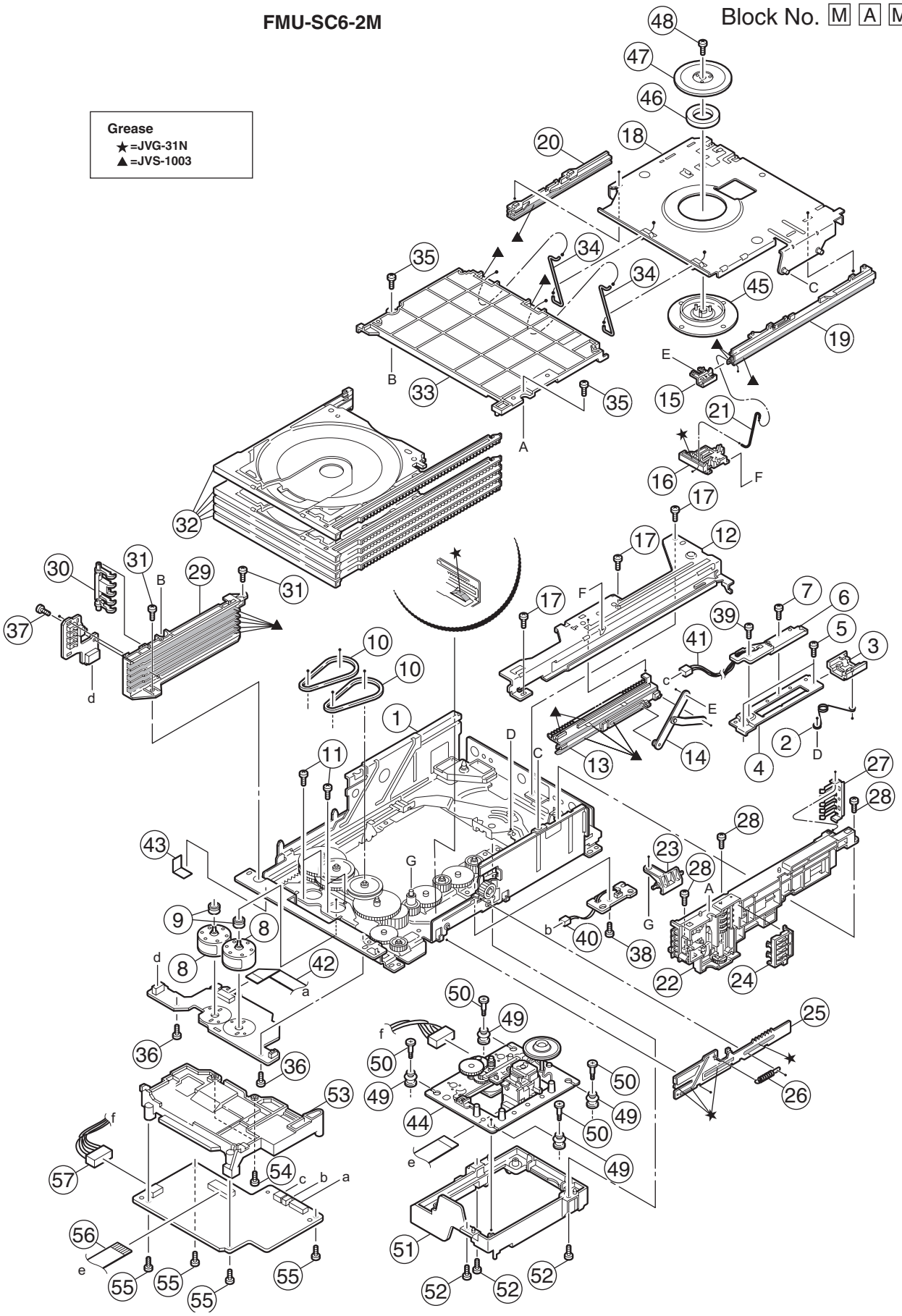
Block No. [M][1][M][M]

⚠ Symbol No.	Part No.	Part Name	Description	Local
1	GV10225-006A	FRONT PANEL		
2	GV10143-009A	FRONT BASE		
3	GV10144-006A	FRAME LENS		
4	QYSDSF2608Z	SCREW	2.6mm x 8mm(x6)	
5	QYSBSF3010Z	TAP SCREW	3mm x 10mm(x4)	
6	GV30435-001A	POWER BUTTON		
7	GV30452-014A	MAIN BTN.ASSY.		
8	GV30459-008A	FRONT LENS B		
9	GV30458-001A	LENS HOLDER		
10	GV40399-001A	STANDBY LENS		
11	GV40400-001A	REMOTE LENS		
12	GV30465-002A	LED LENS		
13	QYSDSF2608Z	SCREW	2.6mm x 8mm(x4)	
14	QYSDSF2608Z	SCREW	2.6mm x 8mm(x6)	
15	QYSBSF3008M	TAP SCREW	3mm x 8mm	
16	GV30483-001A	COVER SHEET		
17	GV30439-001A	VOLUME RING		
18	GV30443-001A	VOLUME KNOB		
19	GV40121-007A	SPACER		
20	GV40184-002A	FOOT SPACER	(x2)	
21	GV40035-001A	SPECIAL SCREW		
22	GV30451-002A	CASS.STAND		
23	GV40521-002A	SUPPORT BRACKET		
24	QYSBST3006Z	TAPPING SCREW	3mm x 6mm	
25	QYSDST3005Z	TAP SCREW	M3 x 5mm(x2)	
26	QYSBST3006Z	TAPPING SCREW	3mm x 6mm	
27	GV30444-003A	STAY BRACKET		
28	QYSDSF2608Z	SCREW	2.6mm x 8mm(x4)	
29	GV30440-011A	CD DOOR		
30	GV30441-006A	CD DOOR COVER		
31	GV40494-001A	DOOR SPRING		
32	GV30445-003A	CD DOOR BKT.		
33	GV40405-003A	CD LENS		
34	QYSDSF2608Z	SCREW	2.6mm x 8mm(x2)	
35	QYSDSF2605M	TAP SCREW	M2.6 x 5mm(x5)	
36	GV40420-001A	CD SPRING		
37	QAR0124-003	FAN		
38	QYSBSG3020Z	TAP SCREW	M3 x 20mm(x2)	
39	QYSBST3006Z	TAPPING SCREW	3mm x 6mm	
40	QYSBST3006Z	TAPPING SCREW	3mm x 6mm	
41	GV30479-001A	PRIMARY PROTECT		
42	GV30446-002A	CD BRACKET(F)		
43	GV30447-001A	CD BRACKET(R)		
44	QYSDST3006M	TAP SCREW	M3 x 6mm(x2)	
45	QYSDST3005Z	TAP SCREW	M3 x 5mm(x2)	
46	QYSBST4006Z	SCREW	4mm x 6mm(x2)	
47	QYSBST3004Z	SCREW	3mm x 4mm(x2)	
48	GV10146-001A	BOTTOM CHASSIS		
49	GV10147-001A	MAIN CHASSIS		
50	QYSSST3006Z	SCREW	3mm x 6mm(x4)	
51	QYSBSGG3008E	TAPPING SCREW	3mm x 8mm	
52	QYSBST3006Z	TAPPING SCREW	3mm x 6mm(x2)	
53	GV40184-002A	FOOT SPACER	(x2)	
54	QAU0346-001	TUNER		
55	GV30448-004A	IC HOLDER		
56	GV30449-004A	HEAT SINK		
57	QYSBST3006Z	TAPPING SCREW	3mm x 6mm(x4)	
58	QYSBSG3016Z	TAP SCREW	M3 x 16mm(x3)	
59	QYSBST4006Z	SCREW	4mm x 6mm(x4)	
60	QYSBSG3016Z	TAP SCREW	M3 x 16mm(x2)	
⚠ 61	QZW0033-001	STRAIN RELIEF		
62	QYSDST3005Z	TAP SCREW	M3 x 5mm(x3)	
63	GV40242-004A	COMMON SPACER		
64	QYSSST3006Z	SCREW	3mm x 6mm(x2)	
65	GV30349-015A	SPACER		
66	GV30349-018A	SPACER		
67	QYSDST3005Z	TAP SCREW	M3 x 5mm	
68	GV40242-004A	COMMON SPACER		
69	GV40242-004A	COMMON SPACER		
70	GV40242-004A	COMMON SPACER		
71	GV40242-004A	COMMON SPACER		
72	GV40242-004A	COMMON SPACER		
73	GV40242-004A	COMMON SPACER		
⚠ 74	QMPD380-200-JN	POWER CORD(US/CA)	2m BLACK	
75	GV10149-018A	REAR PANEL		
76	GV20232-002A	REAR COVER		
77	QYSBSGY3008E	SPECIAL SCREW	3mm x 8mm(x2)	
78	QYSBSGY3008E	SPECIAL SCREW	3mm x 8mm(x2)	
79	QYSBSGY3008E	SPECIAL SCREW	3mm x 8mm	
80	QYSBSGY3008E	SPECIAL SCREW	3mm x 8mm(x2)	
81	QYSBSGY3008E	SPECIAL SCREW	3mm x 8mm	
82	GV10148-009A/S/	METAL COVER		
83	QYSDSG3006M	TAP SCREW	3mm x 6mm(x2)	
84	QYSBSGY3008E	SPECIAL SCREW	3mm x 8mm(x6)	
85	GV30614-003A	RATING LABEL		
86	LV42035-002A	LASER CAUTION		
87	LV43835-001A	EMC LABEL		
88	QUQH10-2308BF	FFC CABLE		
89	QUQH10-0508BJ	FFC CABLE		
90	QUQH10-0906BF	FFC CABLE		
91	QUQH10-1713AJ	FFC CABLE		
92	QUQH12-1130AJ	FFC CABLE		
93	GV40424-001A	LED	(x3)	
⚠ 94	QMF51U1-2R5-J8	FUSE	F 1000 2.5A AC125V	
⚠ 95	QMF51U1-1R6-J8	FUSE	F 1001 1.6A AC125V	
⚠ 96	QQT0400-001	POWER TRANSF	T 1101	

CD changer mechanism assembly and parts list

FMU-SC6-2M

Block No. M A M M



CD changer mechanism

Block No. [M][A][M][M]

⚠ Symbol No.	Part No.	Part Name	Description	Local
1	LV10743-004A	CHASSIS ASSY		
2	LV43278-001A	SENSOR SPRING		
3	LV33961-002A	SENSOR SLIDER		
4	LV33962-001A	SENSOR BRACKET		
5	QYSDST2605Z	SCREW	2.6mm x 5mm(x2)	
6	QVY0027-B14	S V RESISTOR		
7	QYSDST2004Z	SCREW	2mm x 4mm	
8	QAR0164-001	MOTOR	(x2)	
9	LV42340-001A	MOTOR PULLEY	(x2)	
10	LV41431-002A	BELT	(x2)	
11	QYSPSPU1725N	SCREW	1.7mm x 2.5mm(x4)	
12	LV10744-002A	RACK HOLDER		
13	LV21406-003A	LOADING RACK		
14	LV43279-001A	LIFT ARM ASSY		
15	LV33963-001A	HOOK		
16	LV33964-002A	HOOK STOPPER		
17	QYSDST2605Z	SCREW	2.6mm x 5mm(x3)	
18	LV33965-004A	LIFTER ASSY		
19	LV21408-002A	RAIL(R)		
20	LV21409-002A	RAIL(L)		
21	LV43285-001A	ROD (L)		
22	LV21520-003A	SIDE(R) ASSY		
23	LV33974-001A	SELECT LEVER		
24	LV33975-001A	GEAR COVER		
25	LV33976-001A	ELEVATOR CAM		
26	LV43287-001A	ELEVATOR SPRING		
27	LV33977-002A	CLICK SPRING		
28	QYSDST2605Z	SCREW	2.6mm x 5mm(x3)	
29	LV10749-002A	SIDE(L)		
30	LV33980-001A	OPEN DET.LEVER		
31	QYSDST2605Z	SCREW	2.6mm x 5mm(x2)	
32	LV10746-003A	TRAY ASSY	(x5)	
33	LV10750-002A	TOP COVER		
34	LV43289-002A	ROD	(x2)	
35	QYSDSF2608Z	SCREW	2.6mm x 8mm(x2)	
36	QYSDST2605Z	SCREW	2.6mm x 5mm(x2)	
37	QYSDSF2608Z	SCREW	2.6mm x 8mm	
38	QYSDST2605Z	SCREW	2.6mm x 5mm	
39	QYSDST2004Z	SCREW	2mm x 4mm	
40	WJM0330-002A	E-SI C WIRE C-F		
41	WJM0331-001A	E-SI C WIRE C-F		
42	QUQ110-1521BF	FFC WIRE		
43	VYSA1R4-056	SPACER		
44	----------	CD TRAMECHA ASSY		
45	VKS3697-001	CLAMPER	OT 1	
46	VYH7313-005	MAGNET	OT 2	
47	LV33981-001A	CD YOKE	OT 3	
48	QYSDSF2606Z	SCREW	OT 4	
49	LV41659-002A	INSULATOR	(x4)	
50	LV43245-001A	SPECIAL SCREW	(x4)	
51	LV21410-001A	CD TM BASE		
52	QYSDST2605Z	SCREW	2.6mm x 5mm(x3)	
53	LV21411-001A	CD MODULE BKT		
54	QYSDST2605Z	SCREW	2.6mm x 5mm(x2)	
55	QYSDSF2608Z	SCREW	2.6mm x 8mm(x4)	
56	QUQ710-16Y0AJ	FFC WIRE		
57	QJJ010-061802	SIN CR C-C WIRE		

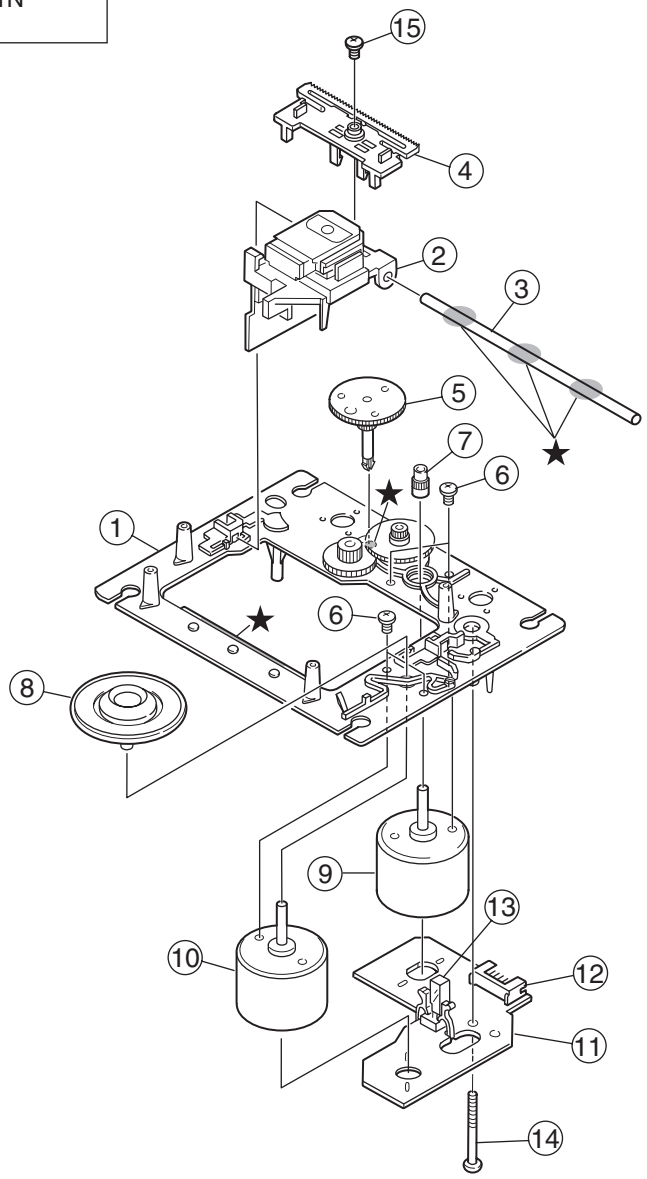
CD mechanism assembly and parts list

Block No. M B M M

Grease & Bond

★ = JVG-31N

FXL-M75T-2M



CD mechanism

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

⚠ Symbol No.	Part No.	Part Name	Description	Local
1	LV10723-002A	CD MECHA BASE A		
2	OPTIMA-73B1C	C.D PICK		
3	E406777-002SM	C.D SHAFT		
4	LV31002-001A	CD RACK		
5	E307745-441SM	C.D GEAR 3		
6	QYSDSP2003N	SCREW	2mm x 3mm(x4)	
7	E406750-442SM	PINION		
8	LV42350-001A	T.T.ASSY		
9	QAR0253-001	FEED MOTOR		
10	QAR0276-001	SP MOTOR		
11	EMW10190-441	CIR BOARD		
12	QGA2001F1-06	CONNECTOR	W-B (1-6)	
13	QSW0506-001	LEAF SW		
14	E75832-221SS	SPECIAL SCREW		
15	QYSDSF2006Z	SCREW	2mm x 6mm	

Electrical parts list

Micon board

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

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC520	GP1UM281XK	IR DETECT UNIT	38kHz	
IC900	MN101C57DEB	MASK MICON		
IC901	LC75345M-X	IC		
Q2209	2SD601A/QR/-X	TRANSISTOR		
Q2210	2SD601A/QR/-X	TRANSISTOR		
Q2211	2SC2001/K/-T	TRANSISTOR		
Q2600	KTC3200/GL/-T	TRANSISTOR		
Q2601	KTA1268/GL/-T	TRANSISTOR		
Q2602	KTD863/Y/-T	TRANSISTOR		
Q7300	2SD601A/QR/-X	TRANSISTOR		
Q7301	UN2215-X	TRANSISTOR		
Q7400	KTC3199/GL/-T	TRANSISTOR		
Q7401	KTC3199/GL/-T	TRANSISTOR		
Q7402	KTC3199/GL/-T	TRANSISTOR		
Q7500	2SB709A/R/-X	TRANSISTOR		
Q7501	UN2213-X	DIGI TRANSISTOR		
Q7550	UN2215-X	TRANSISTOR		
Q7600	2SB709A/R/-X	TRANSISTOR		
Q7601	UN2211-X	TRANSISTOR		
Q7602	2SC2001/K/-T	TRANSISTOR		
Q7700	KRC104M-T	TRANSISTOR		
Q7701	KRC102M-T	DIGI TRANSISTOR		
Q7801	KTC3199/GL/-T	TRANSISTOR		
Q7802	UN2213-X	DIGI TRANSISTOR		
D2000	MTZJ24C-T2	Z DIODE		
D2100	1SS133-T2	DIODE		
D2101	1SS133-T2	DIODE		
D2205	1SS133-T2	DIODE		
D2206	1SS133-T2	DIODE		
D2230	1SS133-T2	DIODE		
D2600	MTZJ5.1C-T2	Z DIODE		
⚠ D2601	1N4003S-T5	SI DIODE		
⚠ D2602	1N4003S-T5	SI DIODE		
⚠ D2603	1N4003S-T5	SI DIODE		
D2604	MTZJ18C-T2	Z DIODE		
D2605	MTZJ22C-T2	Z.DIODE		
D5200	SPR-39MVWF	LED	RED-GREEN	
D5400	SELU1E10WXM-P	LED		
D5401	SELU1E10WXM-P	LED		
D5402	SELU1E10WXM-P	LED		
D7300	1SS133-T2	DIODE		
D7301	1SS133-T2	DIODE		
D7302	MTZJ5.1C-T2	Z DIODE		
D7303	1SS133-T2	DIODE		
D7304	1SS133-T2	DIODE		
D7305	1SS133-T2	DIODE		
D7306	MA700A-T2	SB DIODE		
D7500	1SS133-T2	DIODE		
D7501	1SS133-T2	DIODE		
D7550	1SS133-T2	DIODE		
D7551	1SS355-X	SI DIODE		
C2005	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2007	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C2008	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2009	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C2010	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C2011	QFLC1HJ-272Z	M CAPACITOR	2700pF 50V J	
C2012	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C2013	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C2014	QFVF1HJ-184Z	MF CAPACITOR	0.18uF 50V J	
C2015	QFVF1HJ-184Z	MF CAPACITOR	0.18uF 50V J	
C2016	QFVF1HJ-154Z	MF CAPACITOR	0.15uF 50V J	
C2017	QTE1C06-226Z	E CAPACITOR	22uF 16V	
C2018	QFVF1HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C2019	QFVF1HJ-274Z	MF CAPACITOR	0.27uF 50V J	
C2026	QFLC1HJ-183Z	M CAPACITOR	0.018uF 50V J	
C2100	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C2101	NCB31HK-221X	C CAPACITOR	220pF 50V K	
C2102	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	

⚠ Symbol No.	Part No.	Part Name	Description	Local
C2105	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2107	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C2108	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2109	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C2110	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C2111	QFLC1HJ-272Z	M CAPACITOR	2700pF 50V J	
C2112	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C2113	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C2114	QFVF1HJ-184Z	MF CAPACITOR	0.18uF 50V J	
C2115	QFVF1HJ-184Z	MF CAPACITOR	0.18uF 50V J	
C2116	QFVF1HJ-154Z	MF CAPACITOR	0.15uF 50V J	
C2117	QTE1C06-226Z	E CAPACITOR	22uF 16V	
C2118	QFVF1HJ-124Z	MF CAPACITOR	0.12uF 50V J	
C2119	QFVF1HJ-274Z	MF CAPACITOR	0.27uF 50V J	
C2126	QFLC1HJ-183Z	M CAPACITOR	0.018uF 50V J	
C2213	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2215	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2220	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C2221	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2222	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2223	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C2230	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C2231	NCB31AK-154X	C CAPACITOR	0.15uF 10V K	
C2239	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C2507	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C2508	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C2600	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C2601	QETN1JM-476Z	E CAPACITOR	47uF 63V M	
C2602	QETN1HM-107Z	E CAPACITOR	100uF 50V M	
C2604	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M	
C2605	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2607	QETN1JM-476Z	E CAPACITOR	47uF 63V M	
C2702	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C5100	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5101	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5105	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5200	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5201	QEKJ1CM-226Z	E CAPACITOR	22uF 16V M	
C5202	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5600	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C5601	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C5700	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
C5701	QCBB1HK-101Y	C CAPACITOR	100pF 50V K	
C5702	QCBB1HK-101Y	C CAPACITOR	100pF 50V K	
C5703	QCBB1HK-101Y	C CAPACITOR	100pF 50V K	
C5704	QCBB1HK-101Y	C CAPACITOR	100pF 50V K	
C7012	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7013	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C7018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7237	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7240	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7300	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C7301	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C7302	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
C7303	QETN0JM-108Z	E CAPACITOR	1000uF 6.3V M	
C7304	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C7305	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C7400	QETN1VM-476Z	E CAPACITOR	47uF 35V M	
C7401	QETN1VM-476Z	E CAPACITOR	47uF 35V M	
C7402	QETN1VM-476Z	E CAPACITOR	47uF 35V M	
C7500	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C7550	QEKC1HM-106Z	E CAPACITOR	10uF 50V M	
C7551	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C7600	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C7608	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
C7800	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
R2010	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R2011	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R2012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R2013	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2014	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J	
R2015	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R2016	NRSA63J-622X	MG RESISTOR	6.2kΩ 1/16W J	
R2017	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
⚠ R2020	QRL01DJ-181X	OMF RESISTOR	180Ω 1W J	
⚠ R2021	QRL01DJ-181X	OMF RESISTOR	180Ω 1W J	
⚠ R2030	QRL01DJ-181X	OMF RESISTOR	180Ω 1W J	
R2040	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2041	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R2047	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2100	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J	
R2101	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J	
R2102	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J	
R2103	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J	
R2110	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R2111	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J	
R2112	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R2113	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2114	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J	
R2115	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R2116	NRSA63J-622X	MG RESISTOR	6.2kΩ 1/16W J	
R2117	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R2140	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R2141	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R2147	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2207	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J	
R2208	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	
R2218	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R2221	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R2222	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2224	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2228	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	
R2230	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R2231	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R2232	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J	
R2500	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R2501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
⚠ R2600	QRZ9006-4R7X	F.RESISTOR	4.7Ω 1/4W J	
R2603	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R2607	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R2608	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R2609	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
⚠ R2610	QRZ9005-220X	FUSI RESISTOR	22Ω	
R2620	QRE141J-1R0Y	C RESISTOR	1Ω 1/4W J	
R2621	QRE141J-1R0Y	C RESISTOR	1Ω 1/4W J	
R5100	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5101	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5102	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R5103	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R5104	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5105	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R5106	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R5107	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R5108	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R5109	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R5110	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R5111	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R5112	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5113	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R5114	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R5115	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5116	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5700	QRE141J-101Y	C RESISTOR	100Ω 1/4W J	
R7018	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7029	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7030	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7031	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7033	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7034	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7036	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7037	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7041	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7045	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7046	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7047	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7048	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7052	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7053	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7054	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7055	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R7056	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R7057	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R7060	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7061	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7062	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7075	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7076	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7077	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7083	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7084	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7085	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7086	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7087	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7089	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7090	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7091	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7093	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7094	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7095	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7096	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7230	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7233	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7234	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7235	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7241	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7245	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7246	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7254	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7296	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7300	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7301	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7302	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7303	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7304	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7305	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R7401	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R7402	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R7404	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R7405	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R7407	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R7408	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R7500	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7551	NRSA63J-161X	MG RESISTOR	160Ω 1/16W J	
R7600	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7606	QRE141J-471Y	C RESISTOR	470Ω 1/4W J	
R7660	QRE141J-203Y	C RESISTOR	20kΩ 1/4W J	
R7661	QRE141J-203Y	C RESISTOR	20kΩ 1/4W J	
R7700	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7701	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R7704	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7705	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7706	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7777	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R7803	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R7804	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
L5600	QQL231K-470Y	COIL	47uH K	
L5601	QQL231K-470Y	COIL	47uH K	
L7040	QQL231K-4R7Y	COIL	4.7uH K	
L7300	QQL231K-100Y	COIL	10uH K	
L7500	QQL231K-4R7Y	COIL	4.7uH K	
CN510	QGF1016F3-05	CONNECTOR	FFC/FPC (1-5)	
CN550	QGF1016F3-23	CONNECTOR	FFC/FPC (1-23)	
CN551	QGF1016F3-05	CONNECTOR	FFC/FPC (1-5)	
CN552	QGF1016F3-09	CONNECTOR	FFC/FPC (1-9)	
CN570	QGF1016F3-09	CONNECTOR	FFC/FPC (1-9)	
CN700	QGF1036C1-23	CONNECTOR	FFC/FPC (1-23)	
CN750	QGA2501C1-02	CONNECTOR	W-B (1-2)	
CN760	QGA2501C1-05	CONNECTOR	W-B (1-5)	
CN761	QGB2510J1-09	CONNECTOR	B-B (1-9)	
CN762	QGB2510J1-12	CONNECTOR	B-B (1-12)	
CN765	QGF1036C1-17	CONNECTOR	FFC/FPC (1-17)	
CN766	QGF1201F3-11	CONNECTOR	FFC/FPC (1-11)	
DI570	QLF0117-002	FL TUBE		

⚠ Symbol No.	Part No.	Part Name	Description	Local
J2000	QNB0118-002	SPK.TERMINAL		
J2100	QNN0420-001	SURROUND JACK		
J5100	QSW0993-001	ROTARY ENCODER		
J5600	QNS0170-001	HEADPHONE JACK		
K5600	QQR0621-001Z	COIL		
K7023	QQR0621-001Z	COIL		
K7025	QQR0621-001Z	COIL		
K7049	QQR0621-001Z	COIL		
K7300	QQR0621-001Z	COIL		
PP700	QZW0038-001	WIRE CLAMP		
RY200	QSK0109-001	RELAY		
S5100	QSW0651-001Z	TACT SWITCH		
S5101	QSW0651-001Z	TACT SWITCH		
S5102	QSW0651-001Z	TACT SWITCH		
S5103	QSW0651-001Z	TACT SWITCH		
S5104	QSW0651-001Z	TACT SWITCH		
S5105	QSW0651-001Z	TACT SWITCH		
S5106	QSW0651-001Z	TACT SWITCH		
S5107	QSW0651-001Z	TACT SWITCH		
S5108	QSW0651-001Z	TACT SWITCH		
S5109	QSW0651-001Z	TACT SWITCH		
S5110	QSW0651-001Z	TACT SWITCH		
S5111	QSW0651-001Z	TACT SWITCH		
S5112	QSW0651-001Z	TACT SWITCH		
S5113	QSW0651-001Z	TACT SWITCH		
S5114	QSW0651-001Z	TACT SWITCH		
S5115	QSW0651-001Z	TACT SWITCH		
S5116	QSW0651-001Z	TACT SWITCH		
S5200	QSW0651-001Z	TACT SWITCH		
X7000	QAX0718-001Z	CRYSTAL	8.000000MHz	

Power board

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

⚠ Symbol No.	Part No.	Part Name	Description	Local
⚠ IC340	STK432-070	IC		
⚠ IC341	KIA7810API	IC		
⚠ IC342	KIA7808API	IC		
⚠ IC343	PQ033RD01SZ	IC		
Q1100	KTC3199/GL/-T	TRANSISTOR		
Q1200	KTA1023/OY/-T	TRANSISTOR		
Q1201	KTC3199/GL/-T	TRANSISTOR		
Q1202	KTC3199/GL/-T	TRANSISTOR		
Q1500	KTC3199/GL/-T	TRANSISTOR		
Q3100	KRA102M-T	DIGI TRANSISTOR		
Q3101	2SC3576-JVC-T	TRANSISTOR		
Q3102	2SC3576-JVC-T	TRANSISTOR		
Q3103	KTA1268/GL/-T	TRANSISTOR		
Q3104	KTA1268/GL/-T	TRANSISTOR		
Q3105	KTC3199/GL/-T	TRANSISTOR		
Q3106	KTC3199/GL/-T	TRANSISTOR		
Q3107	KTA1267/YG/-T	TRANSISTOR		
Q3200	KRA102M-T	DIGI TRANSISTOR		
Q3201	2SC3576-JVC-T	TRANSISTOR		
Q3202	2SC3576-JVC-T	TRANSISTOR		
D1100	1N4003S-T5	SI DIODE		
D1101	1SS133-T2	DIODE		
D1200	1SS133-T2	DIODE		
D1201	MTZJ5.6B-T2	Z DIODE		
⚠ D1300	1N5402M-20	DIODE		
⚠ D1301	1N5402M-20	DIODE		
⚠ D1302	1N5402M-20	DIODE		
⚠ D1303	1N5402M-20	DIODE		
⚠ D1400	1N4003S-T5	SI DIODE		
⚠ D1401	1N4003S-T5	SI DIODE		
⚠ D1402	1N4003S-T5	SI DIODE		
⚠ D1403	1N4003S-T5	SI DIODE		
D1500	1SS133-T2	DIODE		
D1501	MTZJ5.1B-T2	Z DIODE		
⚠ D3100	MTZJ9.1B-T2	Z DIODE		
D3101	1SS133-T2	DIODE		
D3102	1SS133-T2	DIODE		
D3103	1SS133-T2	DIODE		
⚠ D3104	MTZJ9.1B-T2	Z DIODE		
⚠ D3300	MTZJ11C-T2	Z DIODE		
D3301	1SS133-T2	DIODE		
⚠ D3302	MTZJ11C-T2	Z DIODE		
D3303	1SS133-T2	DIODE		
⚠ D3304	MTZJ3.6B-T2	Z DIODE		
C1100	QETM1EM-108	E CAPACITOR	1000uF 25V M	
⚠ C1101	QCZ9105-472	C CAPACITOR	4700pF 250V M	
C1200	QEKC1CM-107Z	E CAPACITOR	100uF 16V M	
C1300	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C1301	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C1302	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C1303	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C1400	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C1401	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C1402	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C1403	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C1500	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C1600	QDGB1HK-102Y	C CAPACITOR	1000pF 50V K	
C3000	QEZ0570-228	E CAPACITOR	2200uF	
C3001	QEZ0570-228	E CAPACITOR	2200uF	
C3002	QETM1EM-228	E CAPACITOR	2200uF 25V M	
C3100	QCBB1HK-101Y	C CAPACITOR	100pF 50V K	
C3101	QCBB1HK-101Y	C CAPACITOR	100pF 50V K	
C3102	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C3103	QTE1V06-106Z	E CAPACITOR	10uF 35V	
C3104	QEKC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C3105	QCBB1HK-101Y	C CAPACITOR	100pF 50V K	
C3106	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C3107	QCSB1HJ-100Y	C CAPACITOR	10pF 50V J	
C3109	QETN1HM-476Z	E CAPACITOR	47uF 50V M	
C3110	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C3111	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C3112	QFLC1HJ-223Z	M CAPACITOR	0.022uF 50V J	
C3113	FQCF31HZ-223Z	D.CAPACITOR		
C3114	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C3115	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C3116	FQCF31HZ-223Z	D.CAPACITOR		
C3117	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M	
C3118	QCBB1HK-101Y	C CAPACITOR	100pF 50V K	
C3119	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C3120	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J	
C3121	QCSB1HJ-100Y	C CAPACITOR	10pF 50V J	
C3122	QETN1HM-476Z	E CAPACITOR	47uF 50V M	
C3123	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C3124	FQCF31HZ-223Z	D.CAPACITOR		
C3125	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
C3126	QETN1VM-476Z	E CAPACITOR	47uF 35V M	
C3200	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C3300	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C3301	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C3302	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C3303	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C3304	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C3306	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
R1101	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
⚠ R1102	QRZ9037-335	COMP RESISTOR	3.3MΩ 1/2W K	
R1200	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R1201	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1202	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1203	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1500	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R1501	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1502	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R3100	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R3101	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R3102	QRE141J-203Y	C RESISTOR	20kΩ 1/4W J	
R3103	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R3104	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3105	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3106	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R3107	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R3108	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R3109	FQRJ143J-821X	UNF C RESISTOR		

⚠ Symbol No.	Part No.	Part Name	Description	Local
⚠ R3110	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R3111	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R3112	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
R3113	QRT01DJ-R22X	MF RESISTOR	0.22Ω 1W J	
R3114	QRT01DJ-R22X	MF RESISTOR	0.22Ω 1W J	
R3115	QRJ146J-101X	UNF C RESISTOR	100Ω 1/4W J	
R3116	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R3117	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3118	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R3119	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R3120	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R3121	QRT01DJ-R22X	MF RESISTOR	0.22Ω 1W J	
R3122	QRT01DJ-R22X	MF RESISTOR	0.22Ω 1W J	
R3123	QRJ146J-101X	UNF C RESISTOR	100Ω 1/4W J	
R3124	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3125	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
⚠ R3126	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R3127	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R3128	QRE141J-124Y	C RESISTOR	120kΩ 1/4W J	
R3129	FQRJ143J-821X	UNF C RESISTOR		
R3130	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3131	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
⚠ R3132	QRZ9006-4R7X	F.RESISTOR	4.7Ω 1/4W J	
R3133	QRE141J-823Y	C RESISTOR	82kΩ 1/4W J	
R3134	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R3135	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R3136	QRE141J-122Y	C RESISTOR	1.2kΩ 1/4W J	
R3137	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3138	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R3150	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R3200	FQRJ143J-821X	UNF C RESISTOR		
R3201	FQRJ143J-821X	UNF C RESISTOR		
R3202	FQRJ143J-821X	UNF C RESISTOR		
R3203	FQRJ143J-821X	UNF C RESISTOR		
R3204	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
R3206	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R3207	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3208	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3300	QRT01DJ-R47X	MF RESISTOR	0.47Ω 1W J	
R3301	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3302	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3303	QRT01DJ-R33X	MF RESISTOR	0.33Ω 1W J	
R3304	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R3305	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	
R3310	QRE141J-272Y	C RESISTOR	2.7kΩ 1/4W J	
L3100	QQLZ035-R39	COIL	0.39uH	
L3101	QQLZ035-R39	COIL	0.39uH	
⚠ T1100	QQT0253-012	POWER TRANSF		
⚠ CN100	QGA7901F2-02	CONNECTOR	W-B (1-2)	
CN101	QGA7901F2-02	CONNECTOR	W-B (1-2)	
CN102	QGA3901C1-05	CONNECTOR	W-B (1-5)	
CN103	QGB2510J1-14	CONNECTOR	B-B (1-14)	
CN104	QGA2501F1-04	CONNECTOR	W-B (1-4)	
CN350	QGB2510K2-14	CONNECTOR	B-B (1-14)	
CN351	QGB2510K2-12	CONNECTOR	B-B (1-12)	
CN352	QGB2510K2-09	CONNECTOR	B-B (1-9)	
EP300	QNZ0136-001Z	EARTH PLATE		
⚠ LF110	QQR1321-001	LINE FILTER		
PP300	QZW0038-001	WIRE CLAMP		
⚠ RY110	QSK0124-001	RELAY		
TH332	QAD0015-103Z	THERMISTOR	10kΩ	
Z1100	QNG0003-001Z	FUSE CLIP		
Z1101	QNG0003-001Z	FUSE CLIP		
Z1400	QNG0003-001Z	FUSE CLIP		
Z1401	QNG0003-001Z	FUSE CLIP		

CD servo board

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

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC201	BR24L08FV-W-X	IC		
IC251	MN101C61GMB3	IC		
IC601	AN22002A-W	IC		
IC651	MN6627911AC1	IC		
IC671	A42L2604V-45L	IC		
IC681	SN74AHC1G32DC-X	IC		
IC682	SN74LV08APW-X	IC		
IC691	XC6206P182M-X	IC		
IC801	AN4801SB-W	IC		
Q291	2SB1424/QR/-W	TRANSISTOR		
Q631	2SA1037AK/RS/-X	TRANSISTOR		
C201	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C251	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C252	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C253	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C255	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C258	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C259	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C291	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	
C603	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C604	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C605	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C606	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C610	NCB31CK-563X	C CAPACITOR	0.056uF 16V K	
C611	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C612	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C614	NCB31CK-393X	C CAPACITOR	0.039uF 16V K	
C615	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C616	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
C621	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C622	QEKJ1AM-107Z	E CAPACITOR	100uF 10V M	
C623	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C624	QEKJ1AM-107Z	E CAPACITOR	100uF 10V M	
C631	QEKJ1CM-106Z	E CAPACITOR	10uF 16V M	
C632	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C633	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C641	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C651	QEKJ1AM-107Z	E CAPACITOR	100uF 10V M	
C652	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C653	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C654	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C655	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C656	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C657	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C658	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C659	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C661	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C662	NCB21CK-124X	C CAPACITOR	0.12uF 16V K	
C663	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C664	QEKJ1AM-107Z	E CAPACITOR	100uF 10V M	
C665	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C666	QEKJ1AM-107Z	E CAPACITOR	100uF 10V M	
C667	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C669	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C672	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C673	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C674	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C675	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C676	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C677	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C678	QEKJ1AM-107Z	E CAPACITOR	100uF 10V M	
C679	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C681	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C801	QERF1AM-227Z	E CAPACITOR	220uF 10V M	
C802	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C803	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C804	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C805	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C806	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
R253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R255	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R256	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R257	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R258	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R259	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R261	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

⚠ Symbol No.	Part No.	Part Name	Description	Local
R262	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R263	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R264	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R265	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R267	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R271	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R274	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R278	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R281	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R282	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R283	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R284	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R285	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R286	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R287	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R288	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R289	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R290	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R291	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R292	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R293	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R294	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R295	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R296	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R297	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R298	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R601	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R602	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R603	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R604	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R607	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R608	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R611	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R613	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R617	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R621	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R622	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R624	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R625	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R631	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R632	NRSA63J-3R9X	MG RESISTOR	3.9Ω 1/16W J	
R634	NRSA63J-3R9X	MG RESISTOR	3.9Ω 1/16W J	
R635	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R651	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R652	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R653	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R654	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	
R655	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R656	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R657	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R658	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R659	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R661	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R662	NRSA02J-101X	MG RESISTOR	100Ω 1/10W J	
R663	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R665	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R666	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R667	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R668	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R669	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R671	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R672	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R673	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R674	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R675	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R676	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R677	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R678	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R679	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R681	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R682	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R801	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R803	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R805	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R807	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R809	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R811	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R812	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R814	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R815	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R816	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R818	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
CN251	QGF1036F1-15	CONNECTOR	FFC/FPC (1-15)	
CN252	QGA2001F1-02	CONNECTOR	W-B (1-2)	
CN253	QGA2001F1-03	CONNECTOR	W-B (1-3)	
CN601	QGF1006F2-16W	CONNECTOR	FFC/FPC (1-16)	
CN602	QGA2001F1-06	CONNECTOR	W-B (1-6)	
CN651	QGF1036F1-17	CONNECTOR	FFC/FPC (1-17)	
K654	NQR0007-002X	FERRITE BEADS		
X251	QAX0684-001Z	C RESONATOR	8.38MHz	
X651	NAX0476-001X	CRYSTAL	33.8688MHz	

Loading switch board

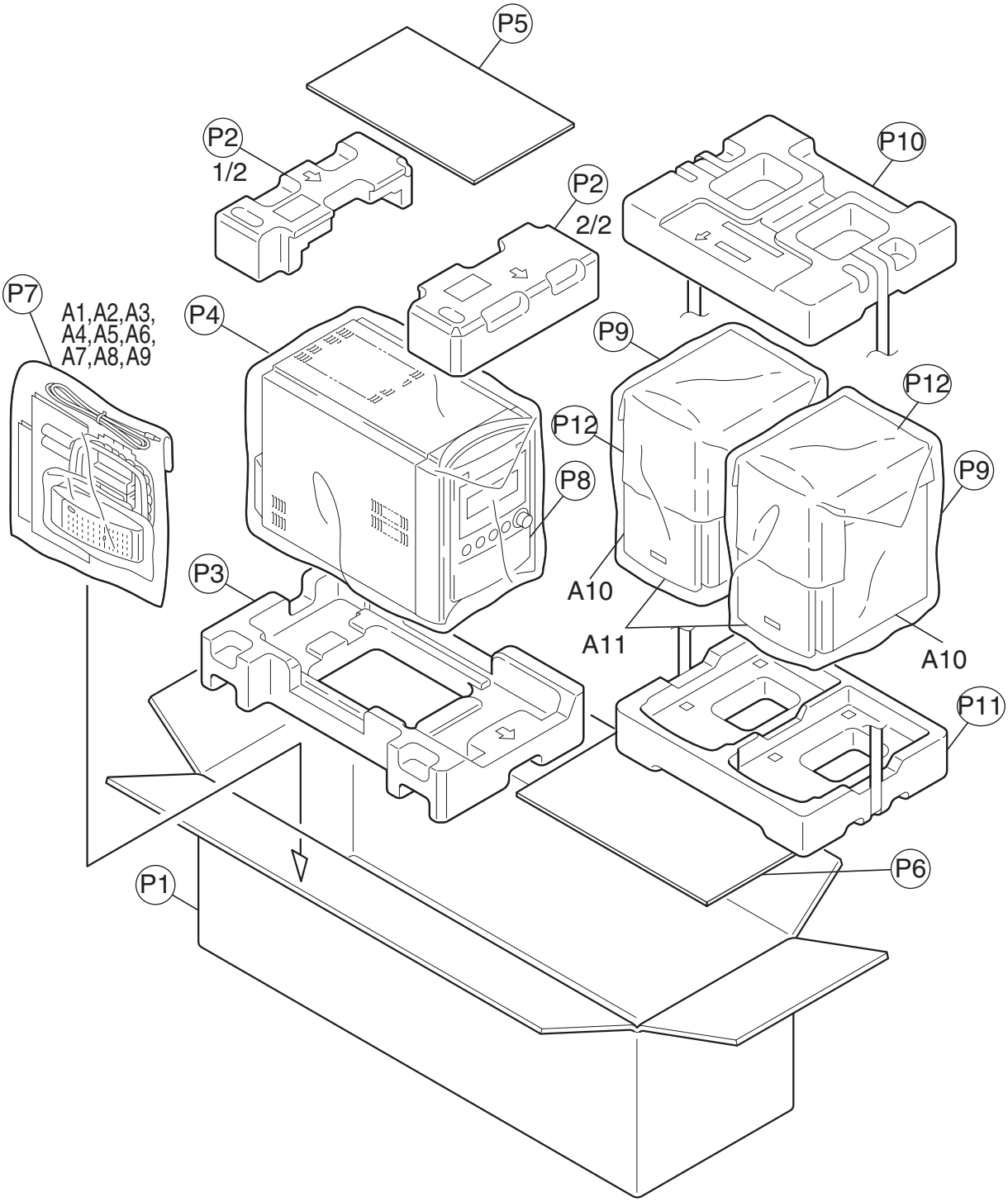
Block No. [0][4][0][0]

⚠ Symbol No.	Part No.	Part Name	Description	Local
IC1	LB1641	IC		
IC2	LB1641	IC		
D1	MTZJ6.2A-T2	Z DIODE		
C1	QEKC1AM-107Z	E CAPACITOR	100uF 10V M	
C2	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
C3	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J	
C5	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J	
C6	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
C7	QCFB1HZ-104Y	C CAPACITOR	0.1uF 50V Z	
CN1	QGF1036F1-15	CONNECTOR	FFC/FPC (1-15)	
CN2	QGB1214J1-08S	CONNECTOR	B-B (1-8)	
CN3	QGB1214K1-08S	CONNECTOR	B-B (1-8)	
SW1	QSW0844-001	PUSH SWITCH		
SW2	QSW0844-001	PUSH SWITCH		
SW3	QSW0844-001	PUSH SWITCH		
SW4	QSW0844-001	PUSH SWITCH		
SW5	QSW0844-001	PUSH SWITCH		
SW6	QSW0854-002	PUSH SW		
SW7	QSW0886-002	DETECT SWITCH		
SW8	QSW0886-002	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	GVT0134-002A	INST BOOK	ENG,FRE	S57C
A 1	GVT0134-001B	INST BOOK	ENG	S57J
A 2	RM-SFSS57J	REMOCON UNIT		
A 3	----------	BATTERY	(x2)	
A 4	BT-51028-2	REGISTER CARD		S57J
A 5	YU20333	SAFETY INST.		
A 6	QAL0457-001	ANT.WIRE		
A 7	QAL0014-001	AM LOOP ANT		
A 8	BT-52006-2	WARRANTY CARD		S57C
A 9	BT-20071B	SERVICE NETWORK		S57C
A 10	FSS57J-SPBOX	SPEAKER BOX	(x2)	
A 11	ASW803236-0001	CLOTH FRAME	(x2)	
P 1	GV20294-005A	CARTON BOX		
P 2	GV10150-003A	CUSHION UPPER		
P 3	GV10150-002A	CUSHION LOWER		
P 4	QPC06005515P	POLY BAG	60cm x 55cm	
P 5	GV40237-006A	CARTON SPACER		
P 6	GV40237-002A	CARTON SPACER		
P 7	QPC02503515P	POLY BAG	25cm x 35cm	
P 8	GV40495-001A	PAPER SHEET		
P 9	IVA802300-0015	POLY BAG	(x2)	
P 10	ITF830253-0001	TOP POLYFOAM		
P 11	ITF830253-0002	BTM POLYFOAM		
P 12	IVH802001-0042	MIRAMAT SHEET	(x2)	