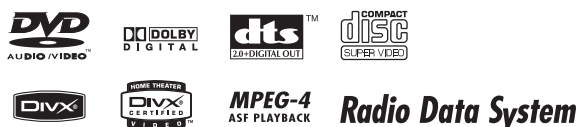
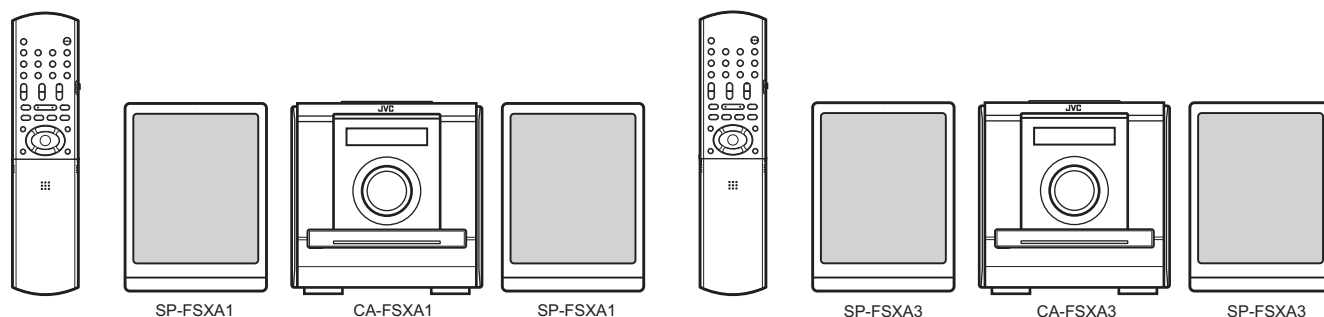


JVC

SERVICE MANUAL

COMPACT COMPONENT SYSTEM

FS-XA3UF, FS-XA1B, FS-XA1E, FS-XA1EN, FS-XA1EV



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

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SPECIFICATION

General	Power source		AC 230 V , 50 Hz AC 220 V , 50 Hz (for FS-XA3UF)
	Power consumption		25 W (in operation)/ 4.0 W (on standby/display on) 1.0 W (on standby/display off)
	Weight		2.6 kg
	External dimensions (W × H × D)		150 mm × 152.6 mm × 252.9 mm
DVD player	Playable discs		DVD VIDEO, DVD AUDIO, VCD, SVCD, CD CD-R/RW (VCD/SVCD/CD/MP3/WMA/JPEG/MPEG1/MPEG2 format) DVD-R/-RW (MP3/WMA/JPEG/DVD VIDEO/DVD VR [CPRM]/MPEG1/ MPEG2 format) DVD-ROM (MP3/WMA/JPEG/MPEG1/ MPEG2/DVD VR [CPRM] format)
Video output	Color system		PAL PAL/NTSC selectable (for FS-XA3UF)
	Horizontal resolution		500 lines
	Composite × 1		1.0 V (p-p)/75 Ω, synchronization negative
	S-video × 1		Y output: 1.0 V (p-p)/75 Ω, synchronization negative at PAL 0.3 V (p-p)/75 Ω at NTSC 0.286 V (p-p)/75 Ω
	Component × 1		Y output: 1.0 V (p-p)/75 Ω PB/PR output: 0.7 V (p-p)/75 Ω
Audio output	Analog sound output		Speakers × 2
	Output power		20 W per channel min., RMS, at 4 Ω at 1 kHz with no more than 10% total harmonic distortion
	Fitting impedance		4 Ω to 16 Ω
	Headphones × 1		11 mW/32 Ω
	Fitting impedance		16 Ω to 1 kΩ
	Subwoofer × 1		500 mVrms/10 kΩ
	Digital sound output (FS-XA3UF) Optical × 1		-21 dBm to -15 dBm
Audio input	Sound input	AUX 1	400 mV/50 kΩ 200 mV/50 kΩ
		AUX 2	1.5 V/50 kΩ 750 mV/50 kΩ
	FM tuner	Receiving frequency	87.5 MHz to 108.0 MHz
		Antenna	75 Ω Unbalanced type
AM (MW) tuner	Receiving frequency	522 kHz to 1 629 kHz 531 kHz to 1 710 kHz (9 kHz step) (FS-XA3UF) 530 kHz to 1 710 kHz (10 kHz step) (FS-XA3UF)	
	Antenna	External antenna jack (loop antenna)	
Speaker	Type		Full range 1-way bass-reflex type Magnetically shielded type
	Speaker		8cm wood cone × 1
	Frequency response		55 Hz to 20 000 Hz
	Power handling capacity		20 W
	Impedance		4Ω
	Sound pressure level		82 dB/W m
	Dimension (W × H × D)		120 mm × 150.5 mm × 243 mm
	Weight		1.7 kg each

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SECTION 1 PRECAUTION

1.1 Safety Precautions

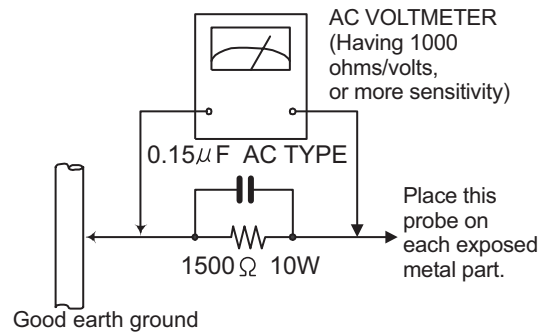
- (1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in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

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

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

voltmeter.

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



1.2 Warning

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

1.3 Caution


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

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

1.4 Critical parts for safety

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

1.5 Safety Precautions (U.K only)

- (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.
- (2) Any unauthorised design alterations or additions will void the manufacturer's guarantee; furthermore the manufacturer cannot accept responsibility for personal injury or property damage resulting therefrom.
- (3) Essential safety critical components are identified by () on the Parts List and by shading on the schematics, and must never be replaced by parts other than those listed in the manual. Please note however that many electrical and mechanical parts in the product have special safety related characteristics. These characteristics are often not evident from visual inspection. Parts other than specified by the manufacturer may not have the same safety characteristics as the recommended replacement parts shown in the Parts List of the Service Manual and 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 re-assembling.

1.5.1 Warning

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



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.

1.6 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.

1.6.1 Grounding to prevent damage by static electricity

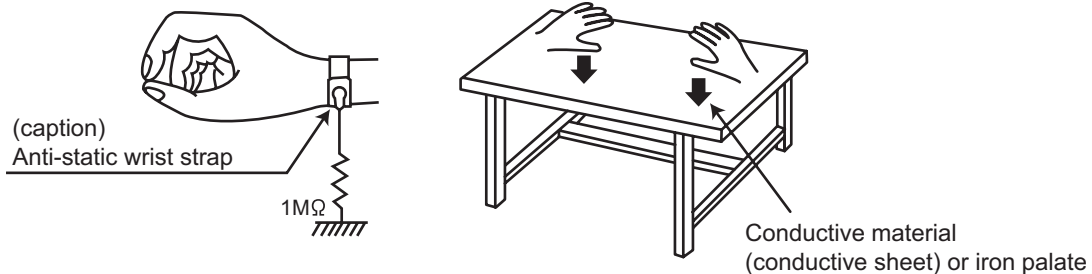
Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as laser products. Be careful to use proper grounding in the area where repairs are being performed.

(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.

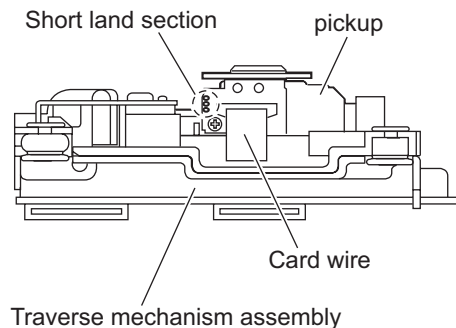
1.7 Handling the traverse unit (optical pickup)

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

1.8 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 card wire is disconnected from the connector on the servo board. (If the card 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 card wire.



1.9 Important for laser products

1.CLASS 1 LASER PRODUCT

2.CAUTION :

(For U.S.A.) Visible and/or invisible class II laser radiation when open. Do not stare into beam.

(Others) Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.

3.CAUTION : Visible and/or invisible laser radiation when open and inter lock failed or defeated. Avoid direct exposure to beam.

4.CAUTION : This laser product uses visible and/or invisible laser radiation and is equipped with safety switches which prevent emission of radiation when the drawer is open and the safety interlocks have failed or are defeated. It is dangerous to defeat the safety switches.

(For U.S.A.)

CAUTION : Visible and/or invisible class II laser radiation when open. Do not stare into beam.

(Others)

CAUTION : Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments

ACHTUNG: Sichtbare und/oder unsichtbare Laserstrahlung der Klasse 1M bei offenen Abdeckungen. Nicht direkt mit optischen Instrumenten betrachten.

ATTENTION: Rayonnement laser visible et/ou invisible de classe 1M une fois ouvert. Ne pas regarder directement avec des instruments optiques.

VOORZICHTIG: Zichtbare en/of onzichtbare klasse 1M laserstralen indien geopend. Bekijk niet direct met optische instrumenten.

ATTENZIONE: Radiazione laser in classe 1M visibile e/o invisibile quando aperto. Non osservare direttamente con strumenti ottici.

WARNING: Synlig och/eller osynlig laserstrålning, klass 1M, när denna del är öppnad. Betrakta ej strålen med optiska instrument.

VARO! Avattaessa olet alttiina nakyyvalle ja/tai näkymättömälle luokan 1M lasersäteilylle. Älä tarkastele sitä optisen laitteen läpi.

ADVASEL: Synlig og/eller usynlig klasse 1M-laserstråling ved åbning. Se ikke direkte med optiske instrumenter.

AVISO: Radiación láser de clase 1M visible y/o invisible cuando está abierto. No mirar directamente con instrumental óptico.

PRECAUÇÃO: Radiação laser de classe 1M visível e/ou invisível quando aberto. Não olhe diretamente com instrumentos ópticos.

5.CAUTION : If safety switches malfunction, the laser is able to function.

6.CAUTION : Use of controls, adjustments or performance of procedures other than those specified here in may result in hazardous radiation exposure.



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

PRECAUÇÃO: Radiação laser de classe 1M visível e/ou invisível quando aberto. Não olhe diretamente com instrumentos ópticos.

ПРЕДУПРЕЖДЕНИЕ: В открытом состоянии происходит видимое и/или невидимое излучение лазера класса 1M. Не смотрите непосредственно в оптические инструменты.

UWAGA: Otwarcie spowoduje narażenie na widzialne i/lub niewidzialne promieniowanie lasera klasy 1M. Nie patrzeć bezpośrednio w przyrządy optyczne.

UPOZORNĚNÍ: Při otevření vydává viditelné popř. neviditelné laserové ozáření třídy 1M. Nedívejte se do otvoru přímo s optickými nástroji.

FIGYELMEZTETÉS: Látható és/vagy láthatatlan 1M osztályú sugárzás nyitott állapotban. Ne nézze közvetlenül optikai műszerekkel.

注意: 打開蓋板可能會產生可見或不可見的 1M 級輻射。不要使用光學儀器直接進行窺視。

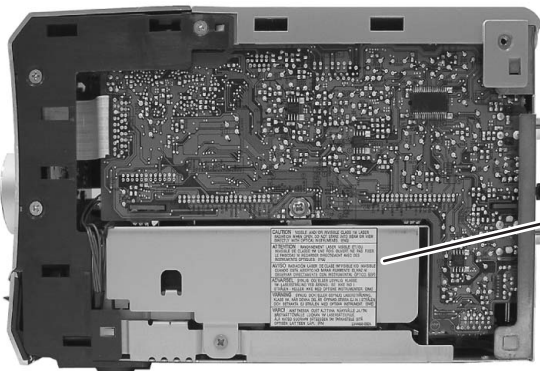
注意: 打开蓋板可能會產生可見或不可見的 1M 級輻射。不要使用光學儀器直接進行窺視。

تنبيه: يوجد إشعاع ليزري مرئي و/أو غير مرئي من الفئة 1M عندما يكون الجهاز مفتوحا. تجنب النظر مباشرة داخل الجهاز باستخدام أدوات بصرية.

احتياط: هنگامی که باز گردد، تشعشع مرئی و یا نامرئی کلاس 1M لیزر وجود دارد. با لوازم چشمی مستقیماً به آن نگاه نکنید.

주의: 개방하면 가시 및/또는 비가시 클래스 1M 레이저 방사선이 나옵니다. 광학 기구로 직접 들여다보지 마십시오.

REPRODUCTION AND POSITION OF LABELS and PRINT WARNING LABEL and PRINT



CAUTION VISIBLE AND/OR INVISIBLE CLASS 1M LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS. IEC60825-1:2001 (ENG)
ATTENTION RAYONNEMENT LASER VISIBLE ET/OU INVISIBLE DE CLASSE 1M UNE FOIS OUVERT. NE PAS REGARDER DIRECTEMENT AVEC DES INSTRUMENTS OPTIQUES. (FRA)
AVISO RADIACIÓN LÁSER DE CLASE 1M VISIBLE Y/O INVISIBLE CUANDO ESTÁ ABIERTO. NO MIRAR DIRECTAMENTE CON INSTRUMENTAL ÓPTICO. (ESP)
WARNING SYNLIG OCH/ELLER OSYNLIG LASERSTRÅLNING, KLASS 1M, NÅR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN MED OPTISKA INSTRUMENT. (SWE)
注意 ここを覗くと可視及び/または不可視のクラス1Mレーザー放射線が出ます。光学機器で直接見ないでください。 (JPN)
CAUTION VISIBLE AND/OR INVISIBLE CLASS II LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR LV44803-004A (ENG)

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 side panel L and side panel R (See Figs.1 to 4)

- (1) From the back side of the main body, remove the four screws **A** attaching the side panels L/R. (See Fig.1.)
- (2) From the bottom side of the main body, remove the four screws **B** attaching the side panels L/R. (See Fig.2.)
- (3) From the both sides of the main body, release the joint **a** in the direction of the arrow and remove the side panels L/R toward this side. (See Figs.3 and 4.)

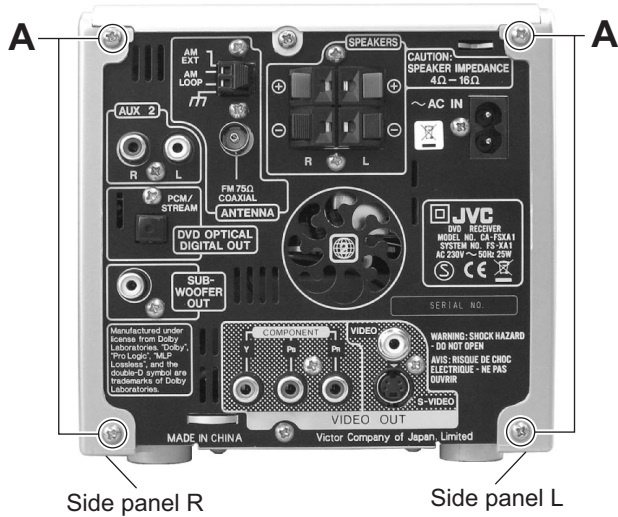


Fig.1

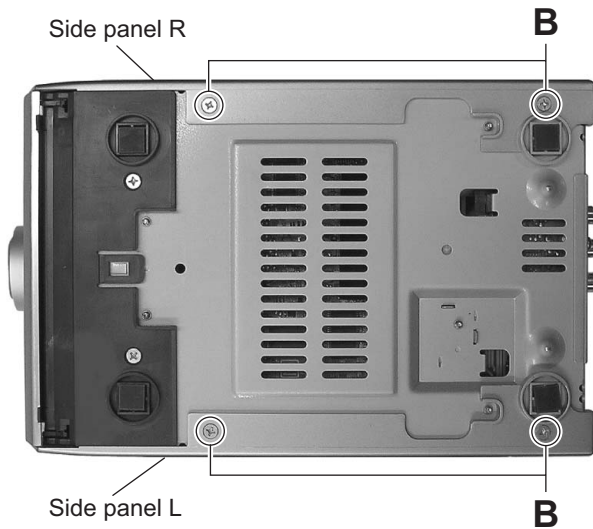


Fig.2

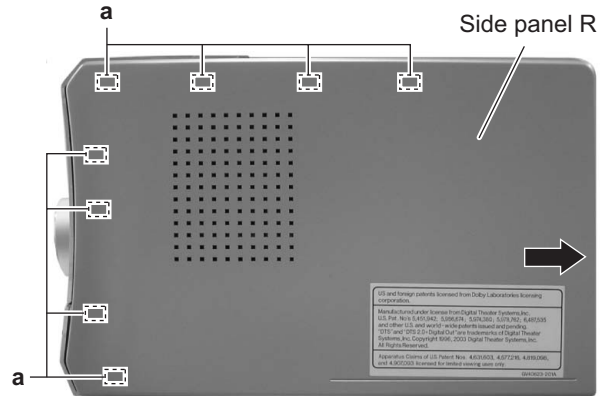


Fig.3

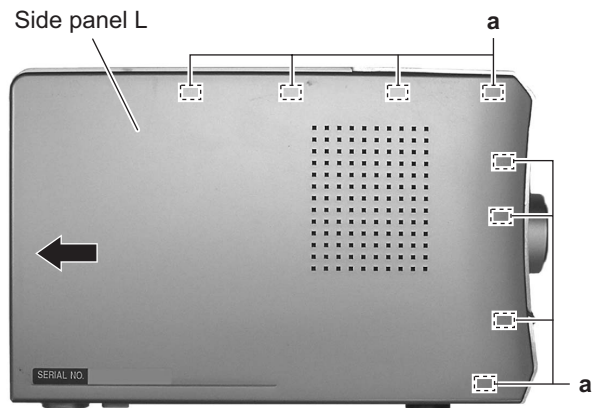


Fig.4

3.1.2 Removing the top panel assembly (See Figs.5 and 6)

- Remove the side panels L/R.
 - From the both sides of the main body, remove the two screws **C**. (See Figs.5 and 6)
 - From the back side of the main body, remove the screw **D** attaching the top panel assembly. (See Fig.6.)
 - From the both sides of the main body, release the joints **b** and **c**. (See Figs.5 and 6.)
 - Take out the top panel assembly in the direction of the arrow. (See Fig.6.)

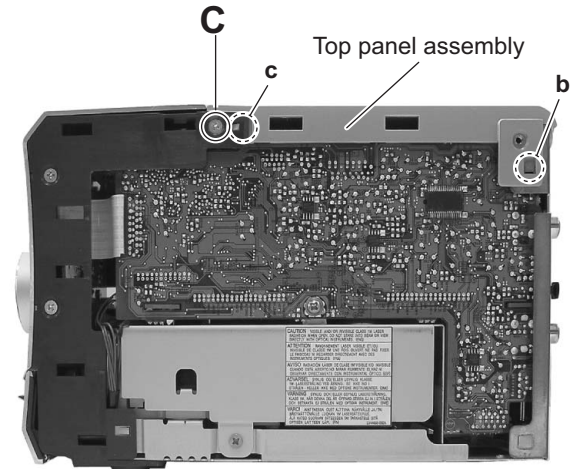


Fig.5

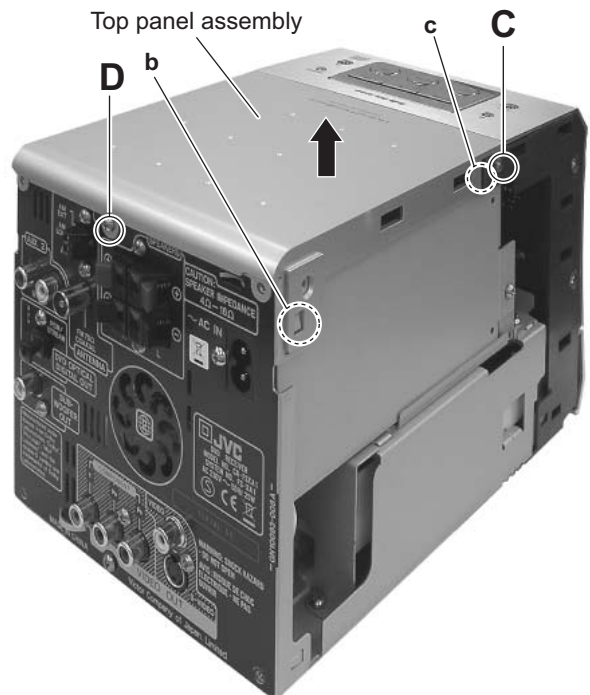


Fig.6

3.1.3 Removing the front panel assembly (See Figs.7 and 8)

- Remove the side panels L/R and top panel assembly.
 - From the bottom side of the main body, remove the two screws **E** attaching the front panel assembly. (See Fig.7.)
 - From the forward side of the micom board, disconnect the card wire from the connector **CN426**. (See Fig.8.)
 - From the bottom and both sides of the main body, release the joints (**d**, **e**) of the front panel assembly and remove the front panel assembly in the direction of the arrow. (See Figs.7 and 8.)

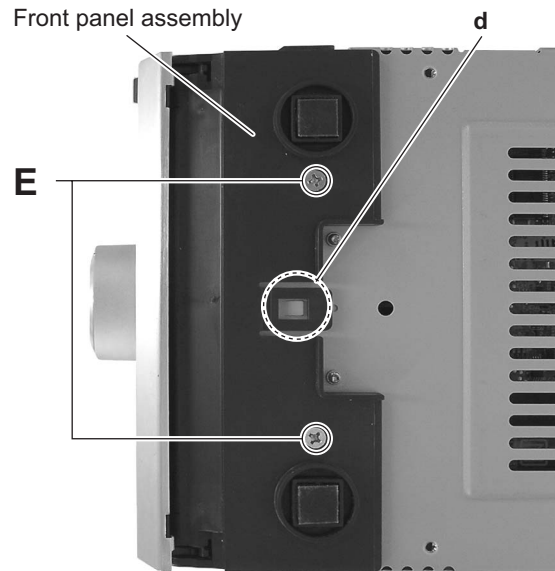


Fig.7

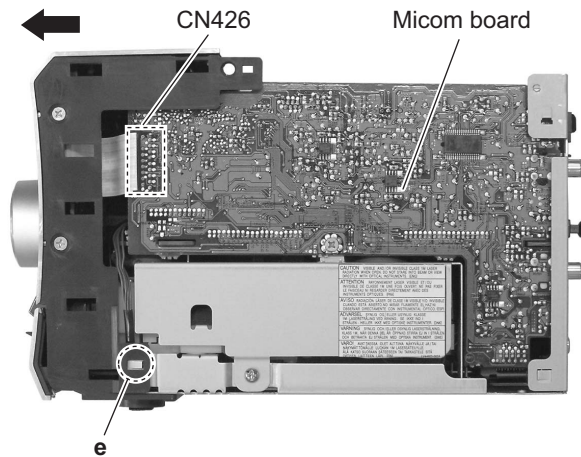


Fig.8

3.1.4 Removing the tuner (See Fig.9)

- Remove the side panels L/R and top panel assembly.
 - From the back side of the main body, remove the two screws **F** attaching the tuner to the rear panel.
 - Disconnect the card wire from the connector **CN1** on the tuner.

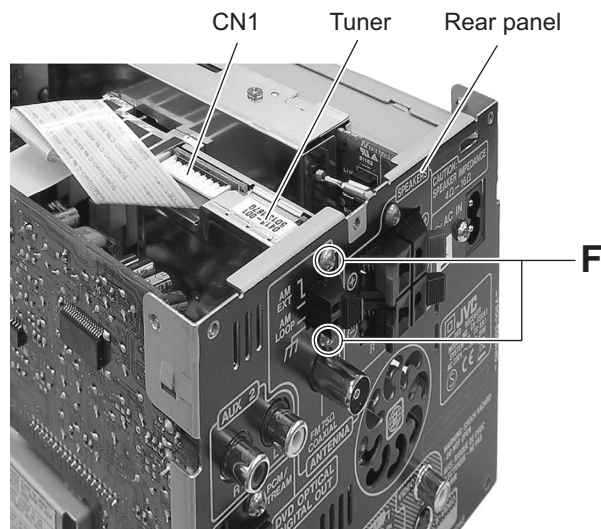


Fig.9

3.1.5 Removing the rear panel (See Fig.10)

- Remove the side panels L/R and top panel assembly.
 - From the back side of the main body, remove the ten screws **G** and screw **H** attaching the rear panel.
 - From the top side of the main body, disconnect the earth wire from the rear panel.
 - From the both sides of the main body, release the joints **f** and remove the rear panel.

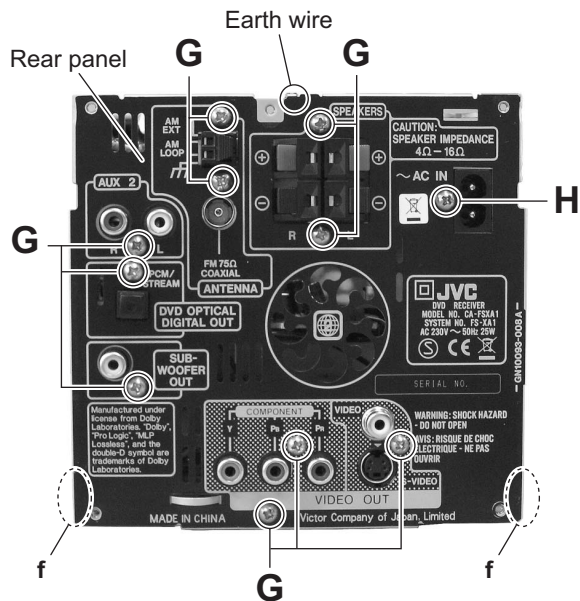


Fig.10

3.1.6 Removing the switching power supply (See Figs.10 and 11)

- Remove the side panels L/R and top panel assembly.
 - From the back side of the main body, remove the screw **H** attaching the rear panel. (See Fig.10.)
 - From the top side of the main body, disconnect the wire from the connector **CN200** on the regulator board. (See Fig.11.)
 - From the left side of the main body, remove the screw **J** attaching the main body. (See Fig.11.)
 - Take out the switching power supply. (See Fig.11.)

3.1.7 Removing the digital amplifier board assembly (See Figs.11 and 12)

- Remove the side panels L/R, top panel assembly, rear panel and switching power supply.
 - From the top side of the main body, remove the screw **K** attaching the digital amplifier board assembly. (See Fig.11.)

Reference:

- When attaching the screw **K**, attach the earth wire with it.
- From the left side of the main body, disconnect the connectors (**CN310**, **CN311**, **CN312**) on the digital amplifier board assembly from the regulator board. (See Fig.12.)
- Release the joint **g** of the shield case B in the direction of the arrow and take out the digital amplifier board assembly from the regulator board. (See Fig.12.)

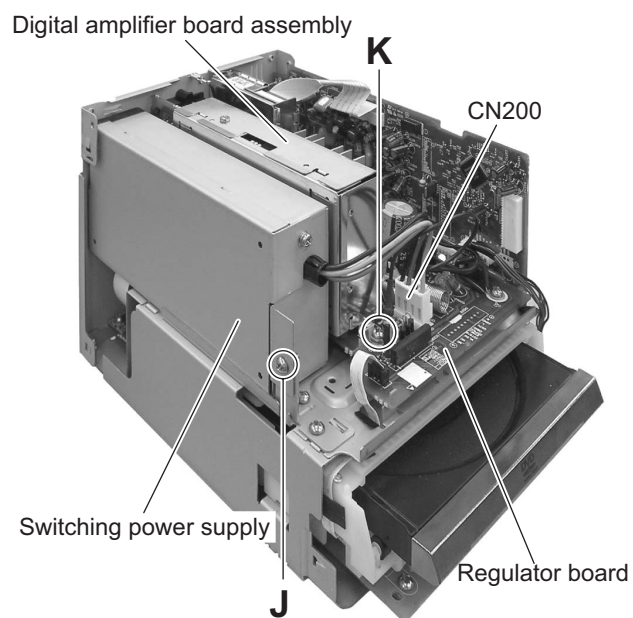


Fig.11

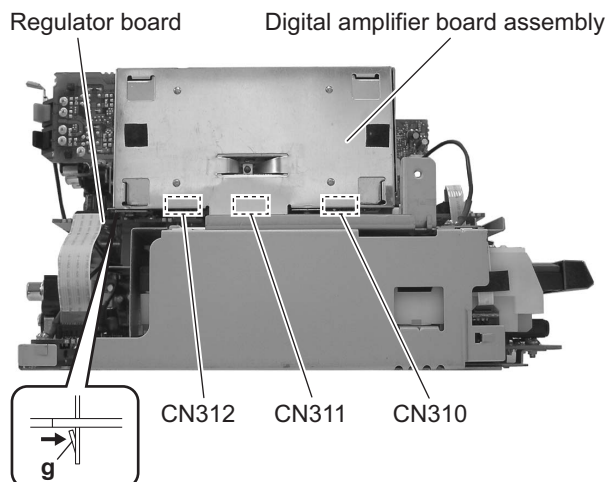


Fig.12

3.1.8 Removing the digital amplifier board (See Figs.13 to 18)

- Remove the side panels L/R, top panel assembly, rear panel, switching power supply and digital amplifier board assembly.
 - From the forward side of the digital amplifier board assembly, remove the screw **M**. (See Fig.13.)
 - From the top and bottom sides of the digital amplifier board assembly, remove the three screws **N**. (See Figs.14 and 15.)
 - Release the joints (**h, j, k, m**) and remove the shield case B with the heat sink in the direction of the arrow. (See Figs.14 to 17.)
 - From the forward side of the digital amplifier board, remove the screw **N** attaching the heat sink. (See Fig.18.)
 - Remove the solders from the soldered sections (**n, p**) and bend the sections (**q, r**) of the shield case A in the direction of the arrow. (See Fig.18.)
 - Take out the digital amplifier board from the shield case A.

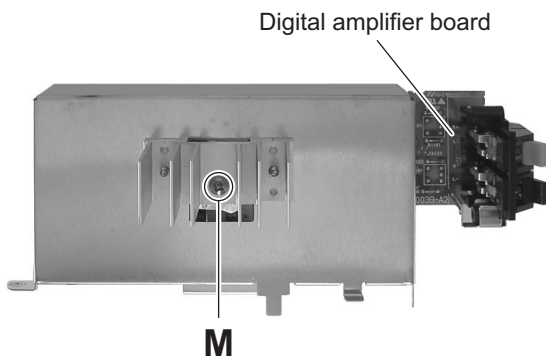


Fig.13

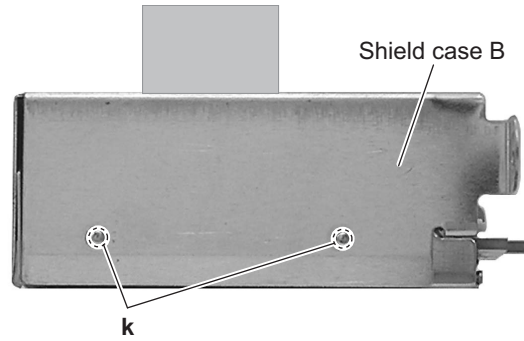


Fig.16

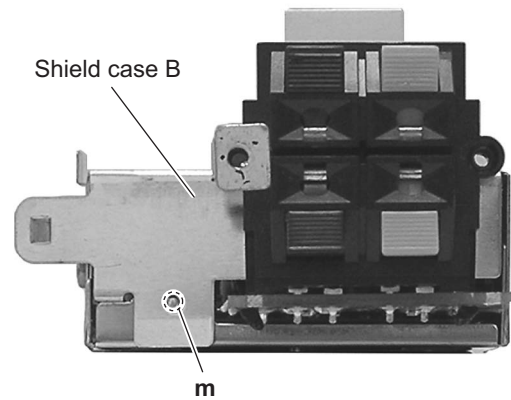


Fig.17

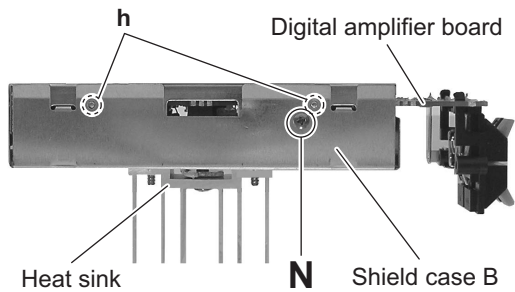


Fig.14

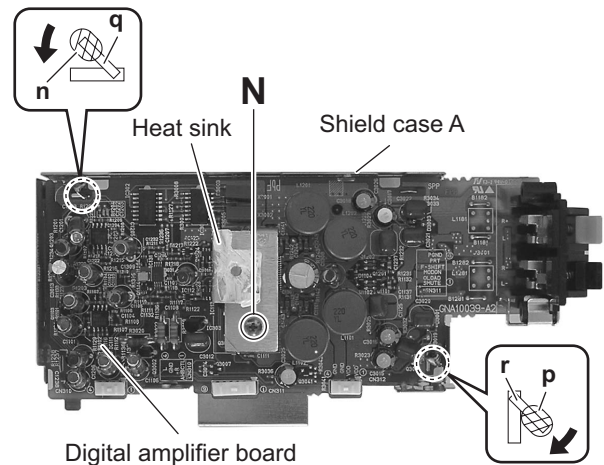


Fig.18

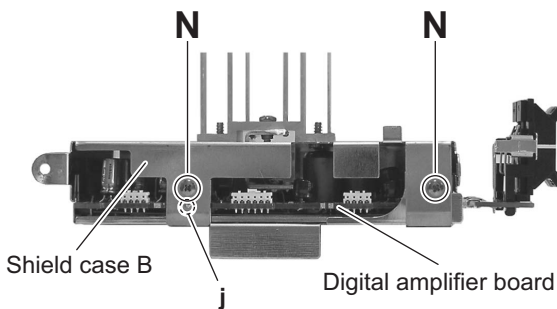


Fig.15

3.1.9 Removing the micom board (See Fig.19)

- Remove the side panels L/R, top panel assembly, rear panel and front panel assembly.
 - From the right side of the main body, remove the screw **P** attaching the micom board.
 - Disconnect the card wire from the connector [CN421](#) on the forward side of the micom board.

Reference:

Remove the tuner as required. (See Fig.9)

- Disconnect the wire from the connector [CN501](#) on the forward side of the micom board.
- Disconnect the connectors ([CN423](#), [CN424](#), [CN425](#)) on the micom board from the regulator and video boards toward this side to remove the micom board.

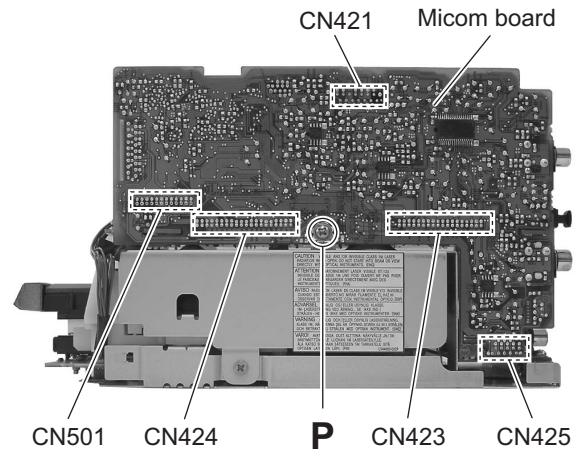


Fig.19

3.1.10 Removing the regulator board (See Fig.20)

- Remove the side panels L/R, top panel assembly, tuner, rear panel, switching power supply, digital amplifier board assembly and micom board.
 - From the top side of the main body, disconnect the card wires from the connectors ([CN208](#), [CN210](#), [CN212](#)) on the regulator board.

Reference:

When connecting the card wire to the connector [CN208](#), pass it through the hole **s** of the regulator board as before.

- Remove the screws **Q** and **Q'**.

Reference:

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

- Remove the screws **Q''**.

Reference:

When attaching the screw **Q''**, attach the earth wire and the wire holder with it.

- Remove the screw **R** and screw **S'** attaching the earth wire.

Reference:

When attaching the screw **R** and **S'**, attach the earth wire with it.

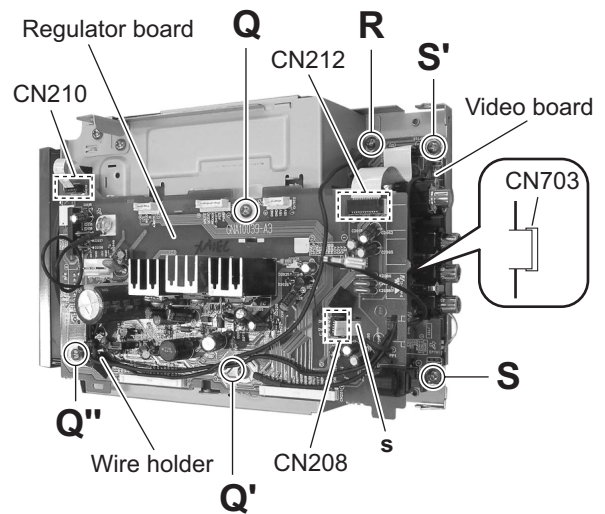


Fig.20

3.1.11 Removing the video board (See Fig.20)

- Remove the side panels L/R, top panel assembly, tuner, rear panel, switching power supply, digital amplifier board assembly and micom board.

Reference:

Remove the regulator board as required.

- From the top side of the main body, remove the two screws **S**.

Reference:

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

- Take out the video board from the main body.
- Disconnect the card wire from the connector [CN703](#) on the video board.

3.1.12 Removing the DVD mechanism assembly (See Figs.21 to 23)

- Remove the side panels L/R, top panel assembly, front panel assembly, tuner, rear panel, switching power supply, digital amplifier board assembly, micom board and regulator board.

(1) From the right side of the main body, remove the screw **T** attaching the metal chassis. (See Fig.21.)

(2) From the top side of the main body, remove the screw **U** and take out the metal chassis. (See Fig.22.)

Reference:

When attaching the metal chassis, pass the card wire through the hole **t** on the metal chassis as before.

(3) Disconnect the card wire from the connector **CN703** on the video board. (See Fig.23.)

(4) Remove the three screws **V** and take out the DVD mechanism assembly from the bottom chassis. (See Fig.23.)

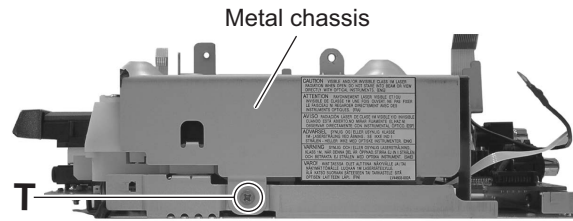


Fig.21

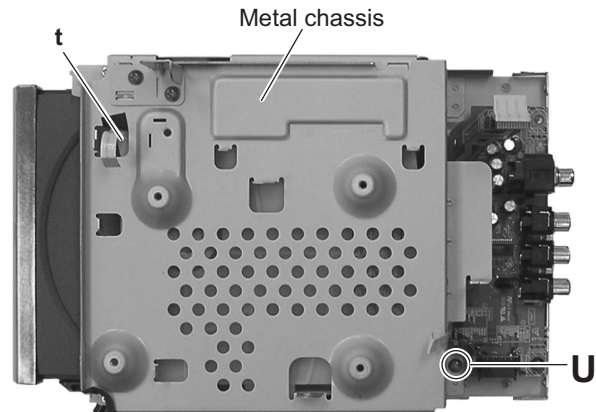


Fig.22

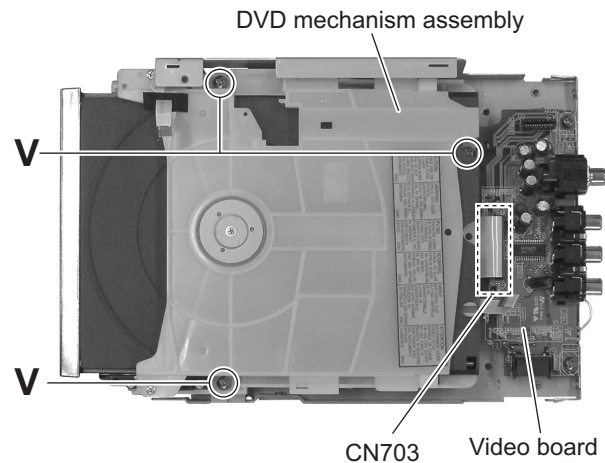


Fig.23

3.1.13 Removing the switch board and front FL board (See Figs.24 to 26)

- Remove the side panels L/R, top panel and front panel assembly.
 - From the front side of the main body, pull out the volume knob assembly in the direction of the arrow. (See Fig.24.)
 - From the inside of the front panel assembly, remove the five screws **W** attaching the switch board. (See Fig.25.)
 - Remove the six screws **X** attaching the front FL board. (See Fig.26.)
 - Take out the switch board and the front FL board.

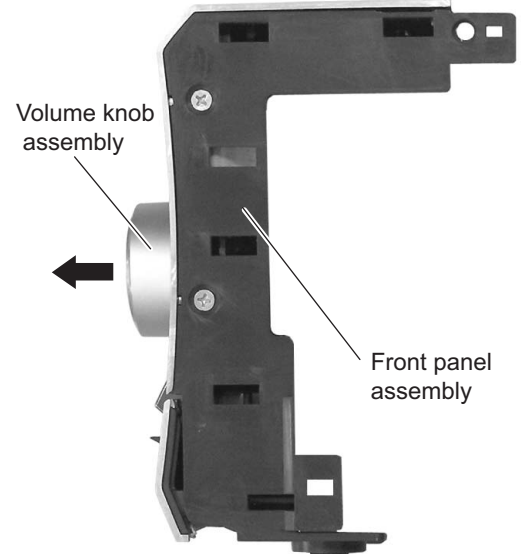


Fig.24

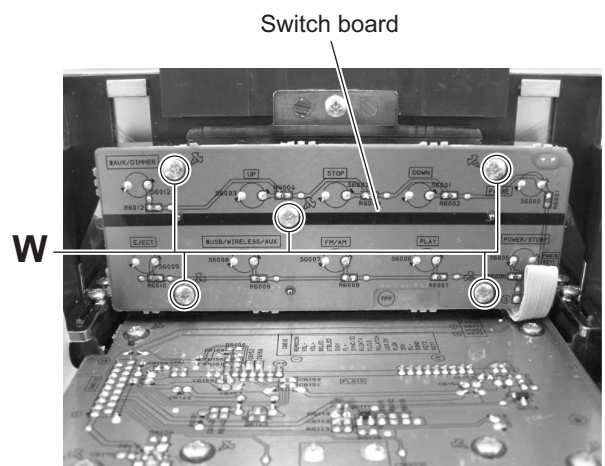


Fig.25

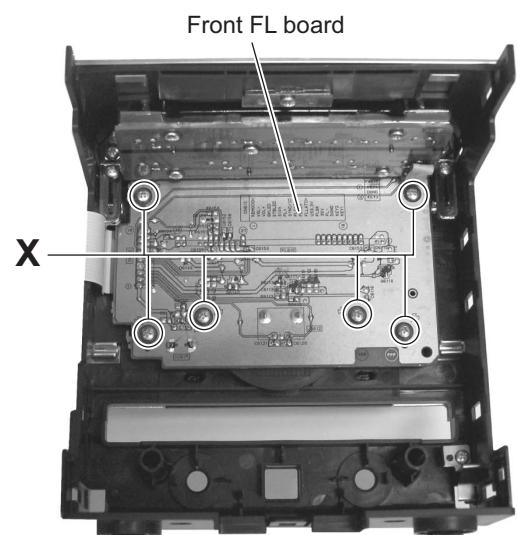


Fig.26

3.1.14 Removing the headphone board (See Fig.27)

- Remove the side panels L/R, top panel assembly, front panel assembly, tuner, rear panel, switching power supply, digital amplifier board assembly, micom board, regulator board and DVD mechanism assembly.
 - Remove the three screws **Y** and take out the headphone board.
 - Take out the headphone board.

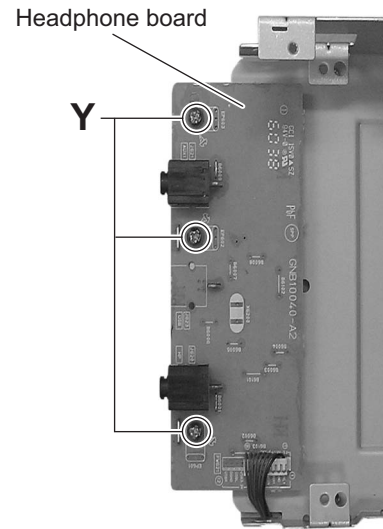


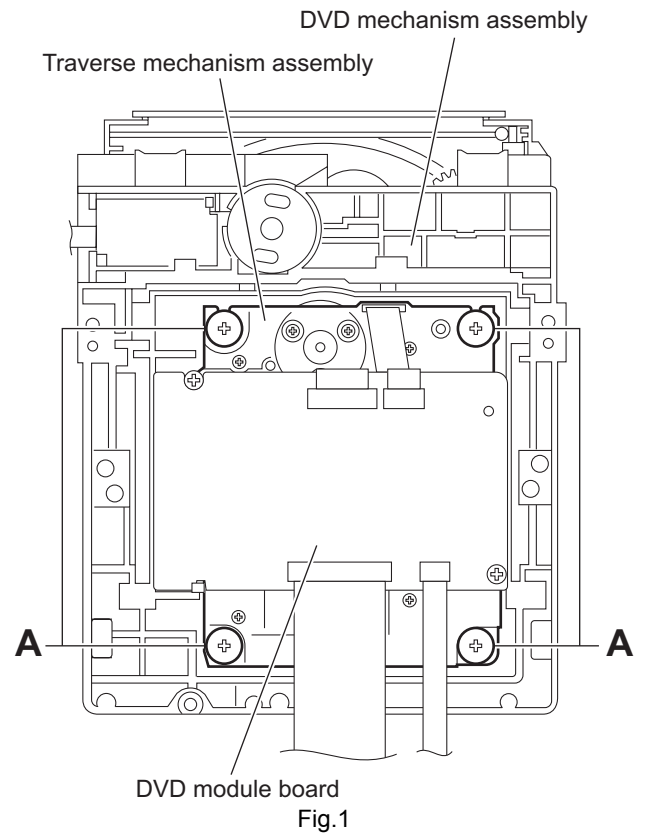
Fig.27

3.2 DVD mechanism section

- Remove the DVD mechanism assembly from the main body.

3.2.1 Removing the traverse mechanism assembly (See Fig.1)

From the bottom side of the DVD mechanism assembly, remove the four screws **A** attaching the traverse mechanism assembly and take out the traverse mechanism assembly with the DVD module board.

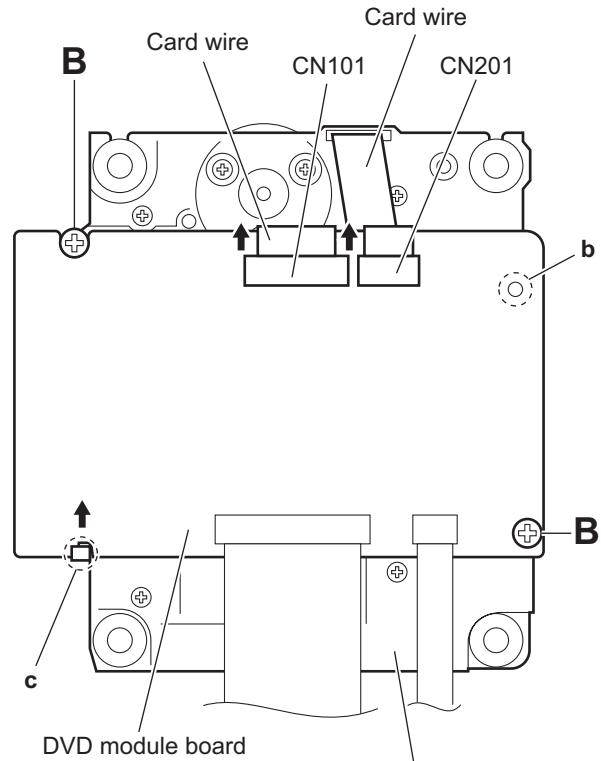
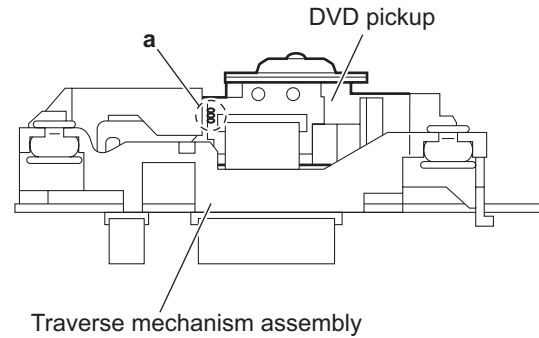


3.2.2 Removing the DVD module board (See Figs.2 and 3)

- Remove the traverse mechanism assembly.
 - From the side of the traverse mechanism assembly, solder the short land sections **a** on the DVD pickup. (See Fig.2.)
 - From the bottom side of the traverse mechanism assembly, release the lock of the connector **CN101** on the DVD module board in the direction of the arrow and disconnect the card wire. (See Fig.3.)

Caution:

- Solder the short land sections **a** on the DVD pickup before disconnecting the card wire from the connector **CN101** on the DVD module board. If the card wire is disconnected without attaching solder, the DVD pickup may be destroyed by static electricity. (See Figs.2 and 3.)
 - When attaching the DVD module board, be sure to remove solders from the short land sections **a** after connecting the card wire to the connector **CN101** on the DVD module board. (See Figs.2 and 3.)
- Disconnect the card wire from the connector **CN201** on the DVD module board. (See Fig.3.)
 - Remove the two screws **B** attaching the DVD module board. (See Fig.3.)
 - Remove the DVD module board from the engagement section **b** in an upward and remove the engagement section **c** in the direction of the arrow. (See Fig.3.)



Traverse mechanism assembly
Fig.3

3.2.3 Removing the DVD pickup (See Figs.2,4 to 6)

- Remove the traverse mechanism assembly.

- From the side of the traverse mechanism assembly, solder the short land sections **a** on the DVD pickup. (See Fig.2.)
- Release the lock of the connector on the DVD pickup in the direction of the arrow and disconnect the card wire. (See Fig.4.)

Caution:

- Solder the short land sections **a** on the DVD pickup before disconnecting the card wire from the connector on the DVD pickup. If the card wire is disconnected without attaching solder, the DVD pickup may be destroyed by static electricity. (See Figs.2 and 4.)
- When attaching the DVD pickup, be sure to remove solders from the short land sections **a** after connecting the card wire to the connector on the DVD pickup. (See Figs.2 and 4.)

- Remove the screw **C** and remove the feed bracket from the sections **d**. (See Fig.4.)
- Release the claw **e** of the thrust spring in the direction of the arrow and remove the thrust spring. (See Fig.4.)
- Remove the guide shaft of the DVD pickup from the section **f** on the traverse mechanism assembly and remove the guide shaft from the section **g** while moving it in the direction of the arrow. (See Fig.5.)
- Remove the DVD pickup from the section **h** of the traverse mechanism assembly and take out the DVD pickup with the guide shaft. (See fig.5.)
- From the bottom side of the DVD pickup, remove the two screws **D** attaching the rack arm and rack arm spring. (See Fig.6.)
- Pull the guide shaft out of the DVD pickup. (See Fig.6.)

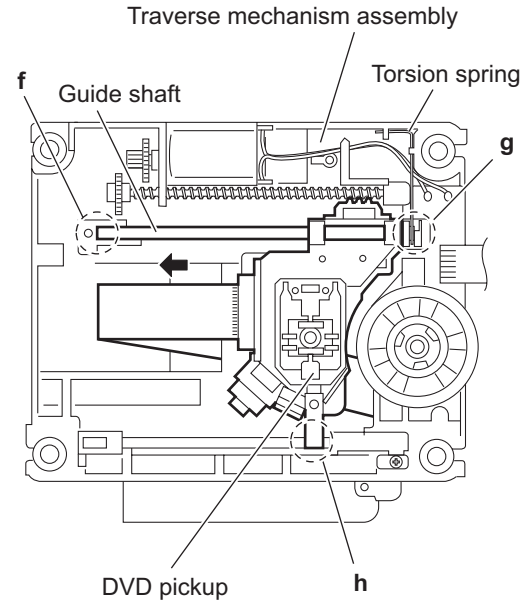


Fig.5

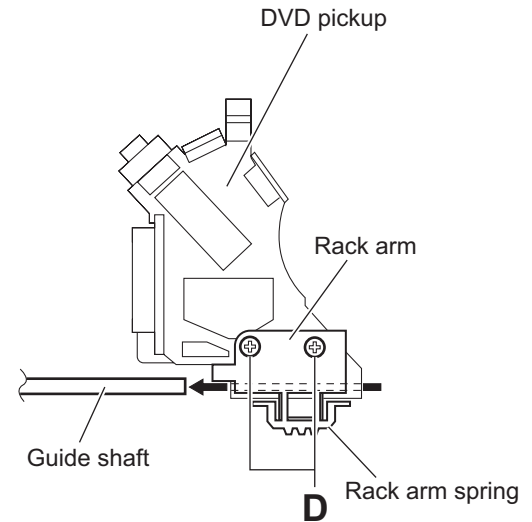


Fig.6

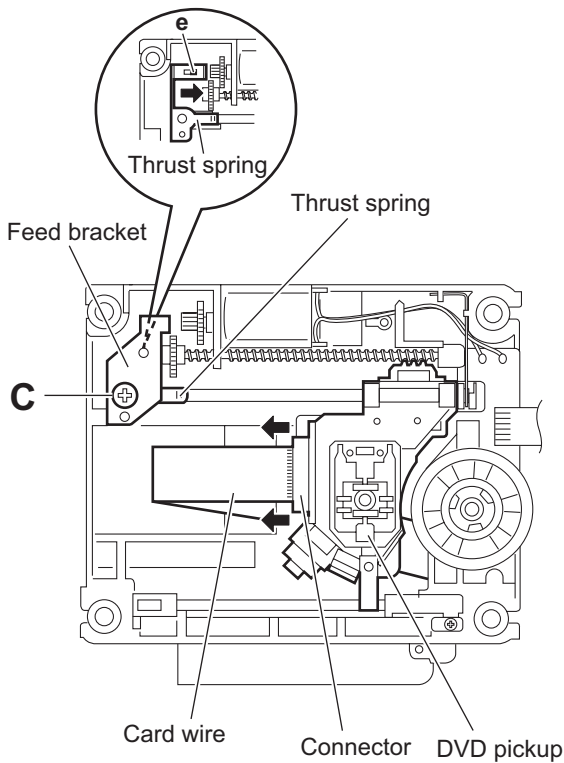


Fig.4

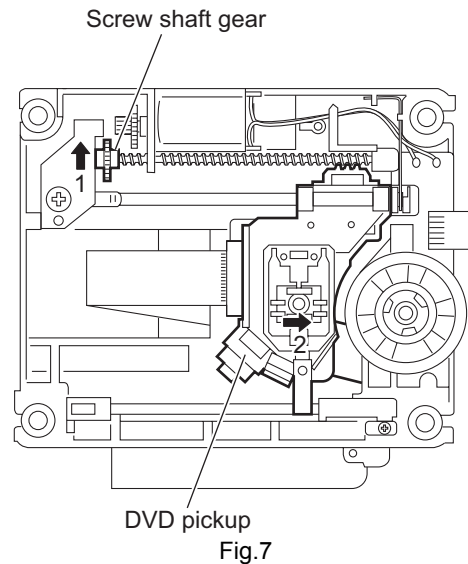
3.2.4 Attaching the DVD pickup (See Figs.2,4 to 7)

- See "3.2.3 Removing the DVD pickup".
 - (1) Attach the guide shaft, rack arm and rack arm spring to the DVD pickup. (See Fig.6.)
 - (2) Align the DVD pickup to the section **h** of the traverse mechanism assembly first, and set the both ends of the guide shaft of the DVD pickup in the sections **f** and **g** of the traverse mechanism assembly. (See Fig.5.)

Reference:

When attaching the guide shaft to the section **g**, attach it under the rod spring. (See Fig.5.)

- (3) Attach the feed bracket and thrust spring. (See Fig.4.)
- (4) Remove solders from the short land sections **a** after connecting the card wire to the connector on the DVD pickup. (See Figs.2 and 4.)
- (5) Turn the screw shaft gear in the direction of the arrow 1 to move the DVD pickup fully in the direction of the arrow 2. (See Fig.7.)



3.2.5 Removing the feed motor (See Figs.4,8 and 9)

- Remove the traverse mechanism assembly.
 - (1) From the top side of the traverse mechanism assembly, remove the screw **C** and remove the feed bracket from the sections **d**. (See Fig.4.)
 - (2) Release the claw **e** of the thrust spring in the direction of the arrow and remove the thrust spring. (See Fig.4.)
 - (3) Remove the wires from the soldered section **j** on the spindle motor board. (See Fig.8.)

Reference:

- When attaching the feed motor, pass the wire through the section **k** on the traverse mechanism assembly. (See Fig.8.)
 - Pass the wire through the lower section of the rod spring. (See Fig.8.)
- (4) Remove the screw shaft in the direction of the arrow. (See Fig.8.)
 - (5) From the side of the traverse mechanism assembly, remove the screw **E** attaching the feed motor. (See Fig.8.)
 - (6) Take out the feed motor from the traverse mechanism assembly.

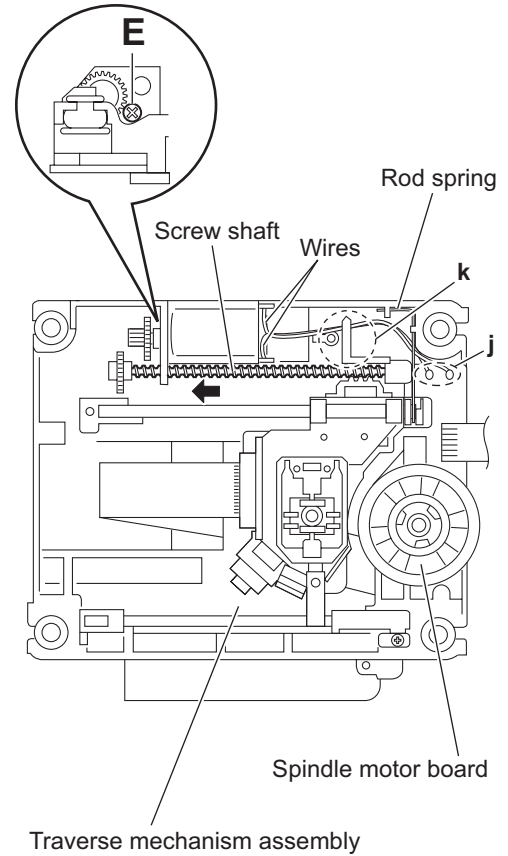


Fig.8

3.2.6 Removing the spindle motor board (See Figs.8 and 9)

- Remove the traverse mechanism assembly and DVD module board.
 - (1) From the top side of the traverse mechanism assembly, remove the wires from the soldered section **j** on the spindle motor board. (See Fig.8.)
 - (2) From the bottom side of the traverse mechanism assembly, remove the three screws **F** attaching the spindle motor board. (See Fig.9.)

Reference:

- When attaching the spindle motor board, pass the wire through the section **m** on the traverse mechanism assembly. (See Fig.9.)
- After attaching the screws **F**, apply bond as before.

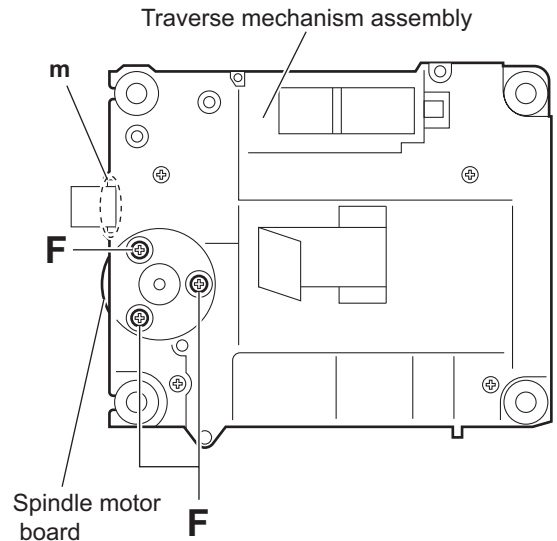


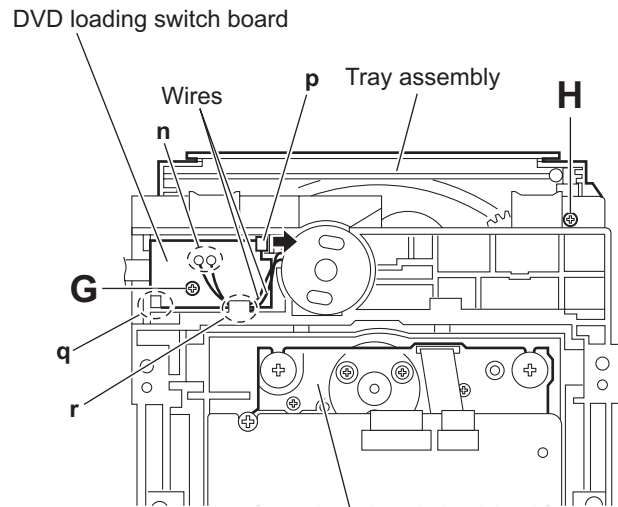
Fig.9

3.2.7 Removing the DVD loading switch board (See Fig.10.)

- (1) From the bottom side of the DVD mechanism assembly, remove the wires from the soldered sections **n** on the DVD loading switch board.
- (2) Remove the screw **G** attaching the DVD loading switch board.
- (3) Lift the DVD loading switch board while pressing the claw **p** of the DVD mechanism assembly in the direction of the arrow and remove it from the section **q**.

Reference:

Pass the wires through the section **r** after attaching the DVD loading switch board to the DVD mechanism assembly.



DVD mechanism assembly
Fig.10

3.2.8 Removing the loading motor (See Figs.10 to 14)

- (1) From the bottom side of the DVD mechanism assembly, remove the wires from the soldered section **n** on the DVD loading switch board. (See Fig.10.)
- (2) Remove the screw **H** attaching the tray assembly. (See Fig.10.)
- (3) From the right side of the DVD mechanism assembly, push the slide cam and pull the tray assembly out of the DVD mechanism assembly in the direction of the arrow. (See Fig.11.)
- (4) From the top side of the DVD mechanism assembly, remove the two screws **J** attaching the clamber base. (See Fig.12.)
- (5) Lift the clamber base in an upward direction to remove it from the engagement sections **s** and remove the engagement sections **t** in the direction of the arrow. (See Fig.12.)
- (6) Remove the two screws **K** attaching the tray assembly and take out the tray assembly from the DVD mechanism assembly. (See Fig.13.)
- (7) Remove the belt from the motor pulley. (See Fig.14.)

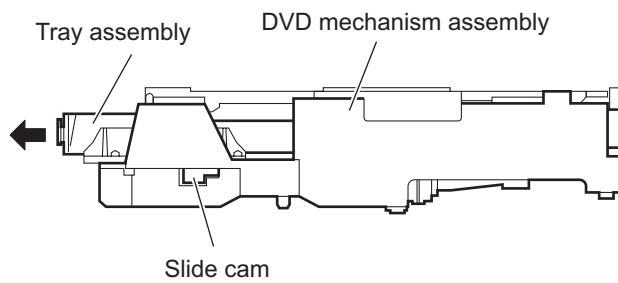


Fig.11

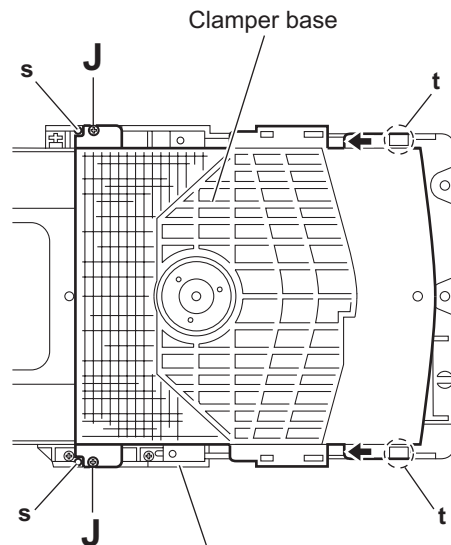
Note:

Take care not to attach grease on the belt.

- (8) Remove the two screws **M** attaching the loading motor to the DVD mechanism assembly and take out the loading motor from the bottom side of the DVD mechanism assembly. (See Fig.14.)

Reference:

Pass the wires through the section **r** after attaching the loading motor to the DVD mechanism assembly. (See Fig.10.)



DVD mechanism assembly
Fig.12

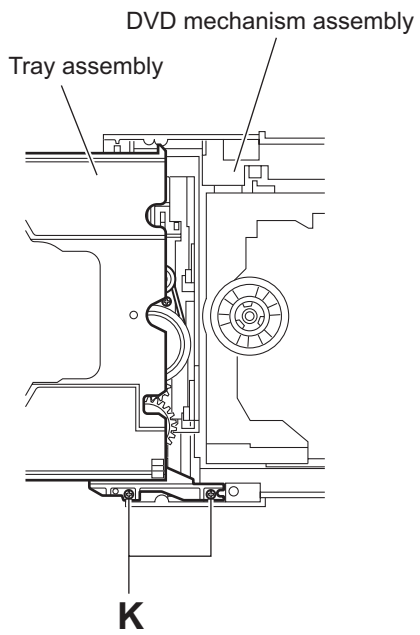


Fig.13

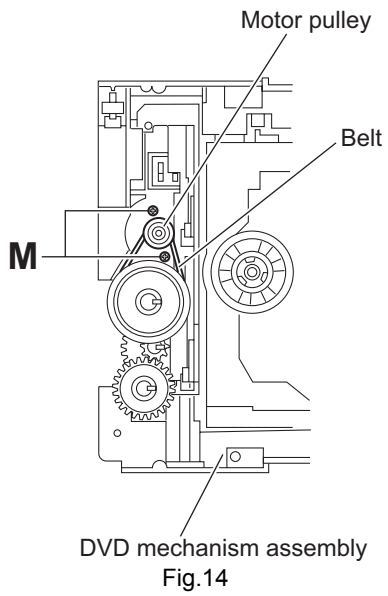


Fig.14

SECTION 4 ADJUSTMENT

*ATTENTION IN SERVICE OF DVD SECTION

- (1) When pickup, flash rom, DVD module board were changed, initialize EEPROM all means.
- (2) When full initialization was executed, execute learning with a DVD test disc by all means.
 Test disc : VT-501, VT-502
 Learning method : It is adjusted automatically by normal playback of a DVD disc.

4.1 Test mode 1

Item	Operation	Management
TUNER AM switch to 9kHz-step	<< [key] + POWER button (Only source TUNER AM)	AM frequency change to 9kHz at U & A-version.
TUNER AM switch to 10kHz-step	>> [key] + POWER button (Only source TUNER AM)	AM frequency change to 10kHz at U & A-version.
Cold start	STOP+'0'+AUDIO POWER (REMOCON)	Cold start processing.
Clock Fast Forward	STOP+'2'+AUDIO POWER (REMOCON)	Make the clock fast forward.
Volume change	STOP+'3'+AUDIO POWER (REMOCON)	Make the volume from the min to max.
Micon Version check	STOP+'9'+AUDIO POWER (REMOCON)	Check the micon version.
LCD all display	STOP+'10'+AUDIO POWER (REMOCON)	All of the icons on the FL are lightened.
Tray lock	EJECT is pushed , during pushing STOP at STAND-BY	Loader-mecha is locked. EJECT processing isn't done by pushing EJECT key at tray lock on state. Then display to LOCKED / UNLOCKED. EJECT is pushed , pushing STOP again , tray lock is off. Back up to tray locked ON/OFF.
DVD test mode	AC input pushing PLAY + PAUSE [key]	In to the DVD test mode. Test mode contents is refer to module spec. DVD test mode is canceled by POWER OFF and except source DVD.
DVD initialize	3D PHONIC [key] during DVD test mode	DVD module initialized. FL segment is light on at initialize completed.
DVD region confirm mode	AC input pushing B.SKIP I<< + DVD/CD [key]	Into the DVD region confirm mode. Display region code on FL.
compulsion NTSC mode	AC input pushing STOP + DVD/CD [key]	Into the compulsive NTSC mode. Hereafter , only first power-on , start by NTSC unrelated NTSEL-SW. (Send command to module) Mode is clear at POWER OFF.
DVD region confirm mode	AC input pushing B.SKIP I<< + DVD/CD [key]	Into the DVD region confirm mode. * DVD REGION CHECK CAN ONLY BEEN DISPLAY DURING SYSTEM POWER ON IN DVD MODE (WHEN DVD LSI P.ON). Temporary display region code on FL for 5 seconds. FL will display "REGION x" where x is the Region number. * IF THERE IS NO INFORMATION FEEDBACK, SYS-CON WILL DISPLAY "WAIT" BLINKING 0.5SEC ON & OFF. * FL WILL DISPLAY "AREAxRy" WHERE "AREAxR" is the DESTINATION INFO & R is the REGION INFO After 5 seconds, return to previous display.

4.2 Test mode 2

4.2.1 To enter DVD TEST mode

- (1) AC POWER OFF.
- (2) Press and hold PLAY + PAUSE keys.
- (3) AC POWER ON while holding PLAY + PAUSE keys.
- (4) DVD Mecha will start in TEST MODE, FL will display:

T	x	x	y	v	w				
---	---	---	---	---	---	--	--	--	--

xx is the received DESTINATION information. Display as follows:
 xx = JC/1U/D/E/2U/3U/UB/UT/4U/UY/EE/UF
 y = region number
 v = study state information from DVD UNIT
 w = initialization state from DVD UNIT

4.2.2 To exit DVD TEST mode

- (1) During TEST MODE (except for Device Key write & DVD Region Re-write), press POWER KEY .
- (2) To exit TEST mode for Device Key Write & DVD Region Re-write, first AC OFF, then AC ON again to return to normal state.

4.2.3 EEPROM INITIALIZATION

4.2.3.1 NORMAL INITIALIZE

- (1) During DVD TEST MODE, Press STOP key on remote control to start NORMAL EEPROM INITIALIZATION.
- (2) When received status, FL will display:

T	x	x	y	v	w				
---	---	---	---	---	---	--	--	--	--

w = Initialization state from DVD UNIT.

4.2.3.2 FULL INITIALIZE

- (1) During DVD TEST MODE, Press >>| key on set 2 seconds control to start FULL EEPROM INITIALIZATION.
- (2) When received status, FL will display:

T	x	x	y	v	w				
---	---	---	---	---	---	--	--	--	--

w = initialization state from DVD UNIT.

4.2.4 DEVICE KEY CHECKSUM DISPLAY

- (1) During DESTINATION INFO display screen (1), press MENU key to enter DEVICE KEY CHECKSUM display.

FL will display (Example):

D	K	=	x	x	x	x			
---	---	---	---	---	---	---	--	--	--

4.2.5 DVD CHECK MODES

- (1) Press MENU key again to enter CHECK MODE.

FL display:

C	H	E	C	K					
---	---	---	---	---	--	--	--	--	--

Press '1' key on REMOTE CONTROL to START PLAYBACK.

FL display:

P	L	A	Y	B	A	C	K		
---	---	---	---	---	---	---	---	--	--

Press '2' key on REMOTE CONTROL to perform SEARCH TNO+1.

FL display:

W	O	B	B	L	E				
---	---	---	---	---	---	--	--	--	--

 (2 seconds)

Status: AA 00 cc cc jj jj

c	c	c	c	j	j	j	j		
---	---	---	---	---	---	---	---	--	--

Press '3' key on REMOTE CONTROL to perform SEARCH TNO-1.

FL display:

C	H	E	C	K					
---	---	---	---	---	--	--	--	--	--

Press '4' key on REMOTE CONTROL to light up CD_LD and display laser current.

FL display:

C	D	L	D	L	S	R			
---	---	---	---	---	---	---	--	--	--

 (2 seconds)

Status: AA 00 cc cc jj jj

c	c	c	c	j	j	j	j		
---	---	---	---	---	---	---	---	--	--

 (Static)

Press '5' key on REMOTE CONTROL to light up DVD_LD and display laser current.

FL display:

D V D L D L S R (2 seconds)

Status: AA 00 cc cc jj jj

c c c c j j j j (Static)

Press '6' key on REMOTE CONTROL to enter DVD x 2 JITTER MEASUREMENT MODE.

FL display:

J I T X 1 (2 seconds)

Status: AA 00 cc cc jj jj

c c c c j j j j (Static)

Press '7' key on REMOTE CONTROL to view EEPROM (MECHA) content in -1 address step.

FL display:

E E P B W D (2 seconds)

Status: AA 00 cc cc jj jj

c c c c j j j j (Static)

Press '8' key on REMOTE CONTROL to view EEPROM (MECHA) content in +1 address step.

FL display:

E E P F W D (2 seconds)

Status: AA 00 cc cc jj jj

c c c c j j j j (Static)

Press '9' key on REMOTE CONTROL to perform TEMPERATURE SENSOR VALUE.

FL display:

T E M P (2 seconds)

Status: AA 00 cc cc jj jj

c c c c j j j j (Static)

Press '10' key on REMOTE CONTROL to perform SEARCH DVD_DL PARALLEL DISC DESIGNATED POSITION and JITTER MEASUREMENT.

FL display:

D V D - D L (2 seconds)

Status: AA 00 cc cc jj jj

c c c c j j j j (Static)

Press '0' key on REMOTE CONTROL to perform monitor output.

FL display:

M O N I T O R (2 seconds)

Status: AA 00 cc cc jj jj

c c c c j j j j (Static)

Press '+10' key to INITIALIZE EEPROM (MECHA)

FL display:

I N I T

Press PLAY key on REMOTE CONTROL to start PLAYING and obtain LASER CURRENT and JITTER value.

FL display:

L S R J I T (2 seconds)

Status: AA 00 cc cc jj jj

c c c c j j j j (Static)

Press STOP key on REMOTE CONTROL to stop JITTER measurement.

Status: AA 00 cc cc jj jj

c c c c j j j j (Static)

- (2) During CHECK mode, at any time press MENU key to exit CHECK mode and return to starting screen of DVD TEST MODE.

SECTION 5 TROUBLESHOOTING

This service manual does not describe TROUBLESHOOTING.



JVC

Victor Company of Japan, Limited
Audio/Video Systems Category 10-1, 1chome, Ohwatari-machi, Maebashi-city, 371-8543, Japan

(No.MB546)

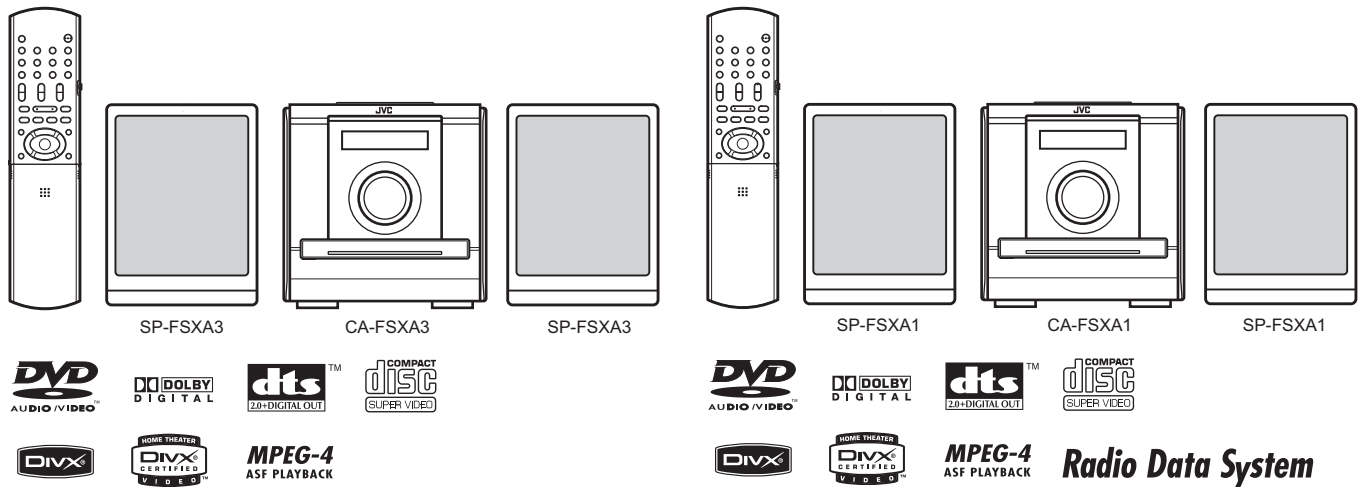
JVC

SCHEMATIC DIAGRAMS

COMPACT COMPONENT SYSTEM

FS-XA3UF, FS-XA1B, FS-XA1E FS-XA1EN, FS-XA1EV

CD-ROM No.SML200607



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

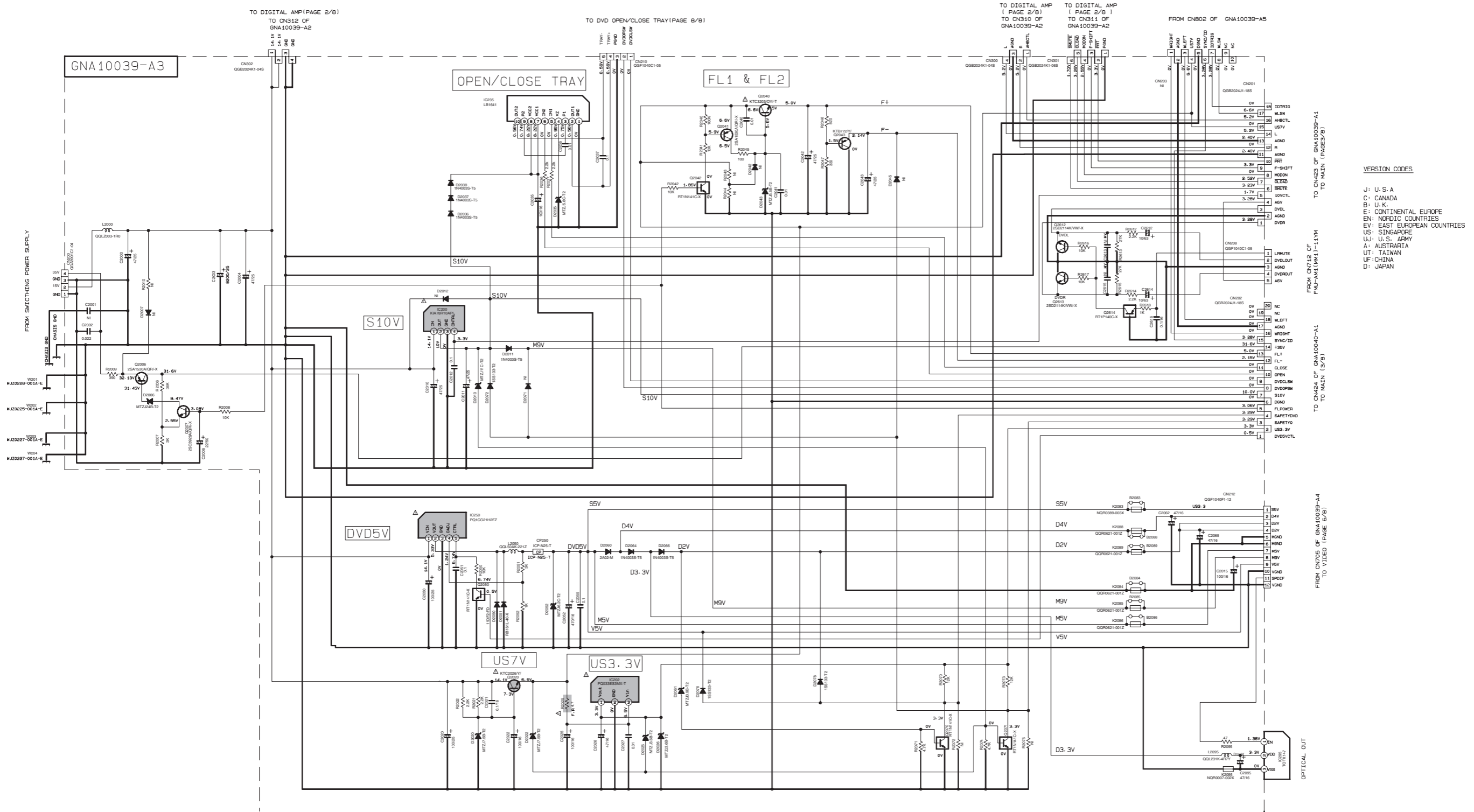
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In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (■), diode (▣) and ICP (●) or identified by the "▲" mark nearby are critical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

Standard schematic diagrams

DC regulator/Audio output section



VERSION CODES

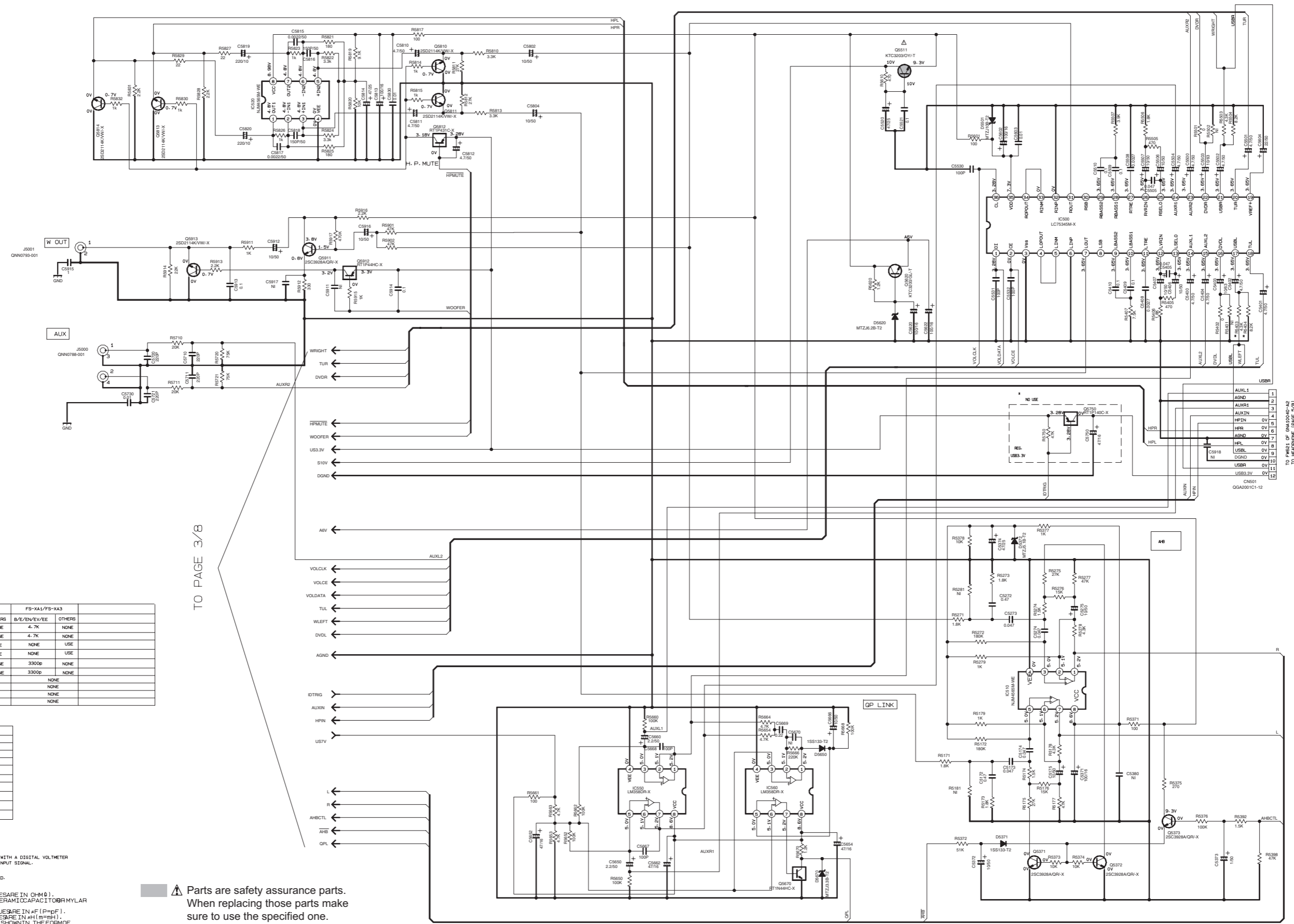
J: U. S. A
 C: CANADA
 B: U. K.
 E: CONTINENTAL EUROPE
 EN: NORDIC COUNTRIES
 EV: EAST EUROPEAN COUNTRIES
 US: SINGAPORE
 UJ: U. S. ARMY
 A: AUSTRALIA
 UT: TAIWAN
 D: JAPAN

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL. 2. UNLESS OTHERWISE SPECIFIED, RESISTORS ARE 1/16W±5% METAL GLAZE RESISTOR. ALL RESISTANCE VALUES ARE IN OHM (Ω). ALL CAPACITORS ARE CERAMIC CAPACITOR OR NYLON CAPACITOR. ALL CAPACITANCE VALUES ARE IN #FIF#PF. ALL INDUCTANCE VALUES ARE IN #H#MH. ALL CAPACITORS ARE SHOWN IN THE FORM RESET OF INH CAPACITANCE (#F#)/RATED VOLTAGE (V).

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

Volume IC/AHB control/Subwoofer section



TO PAGE 3/B

MARK *

	EX-D11		FS-XA1/FS-XA3	
	B/E/EN/EV/EE	OTHERS	B/E/EN/EV/EE	OTHERS
R540B	4.7K	NONE	4.7K	NONE
R550B	4.7K	NONE	4.7K	NONE
B540B	NONE	USE	NONE	USE
B550B	NONE	USE	NONE	USE
C5412	3300p	NONE	3300p	NONE
C5512	3300p	NONE	3300p	NONE
R5100	NONE	NONE	NONE	NONE
C5750	USE	NONE	USE	NONE
C5750	USE	NONE	USE	NONE
R5750	USE	NONE	USE	NONE

MARK *

	EX-D11	FS-XA1/FS-XA3
B5001	USE	NONE
B5002	USE	NONE
B5003	NONE	NONE
B5004	NONE	NONE
R5403	4.3K	NONE
R5404	8.2K	NONE
R5503	4.3K	NONE
R5504	8.2K	NONE
C5402	4.7/50	NONE
C5502	4.7/50	NONE

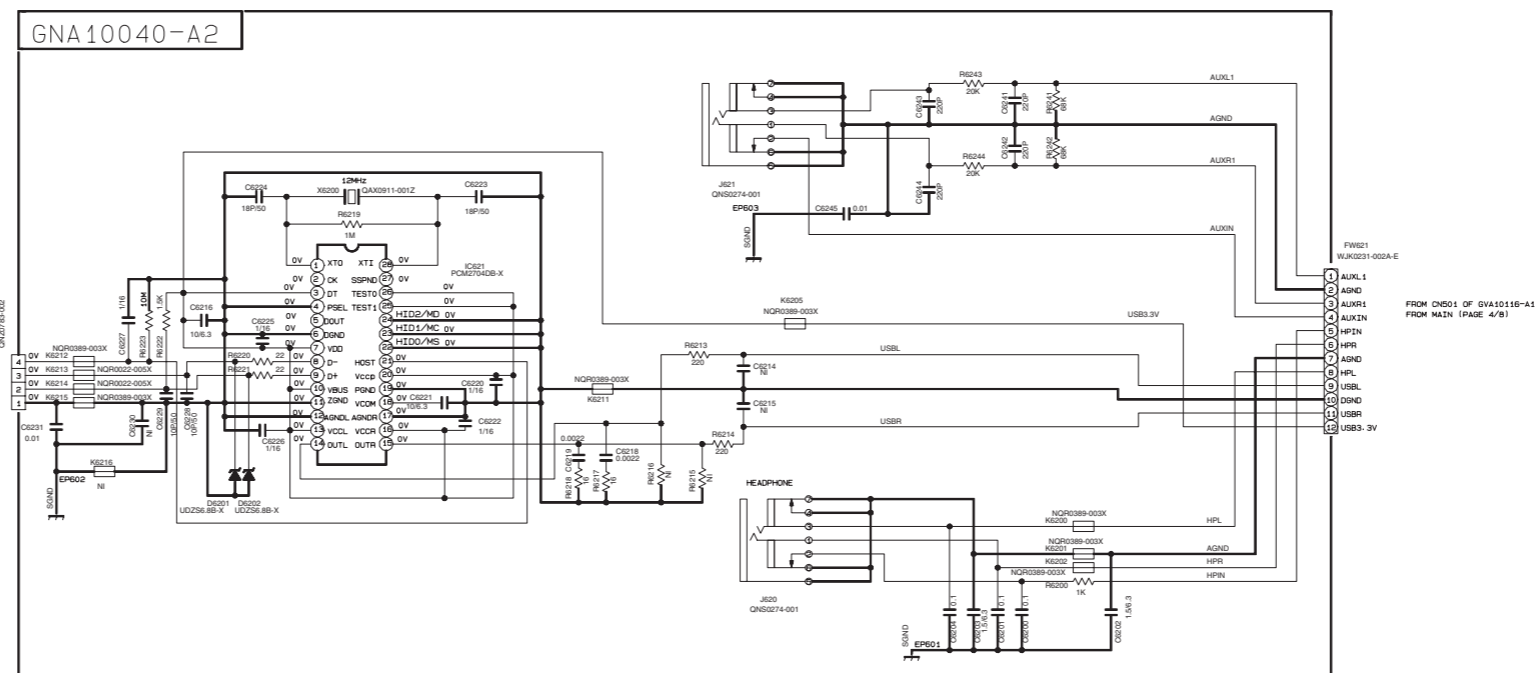
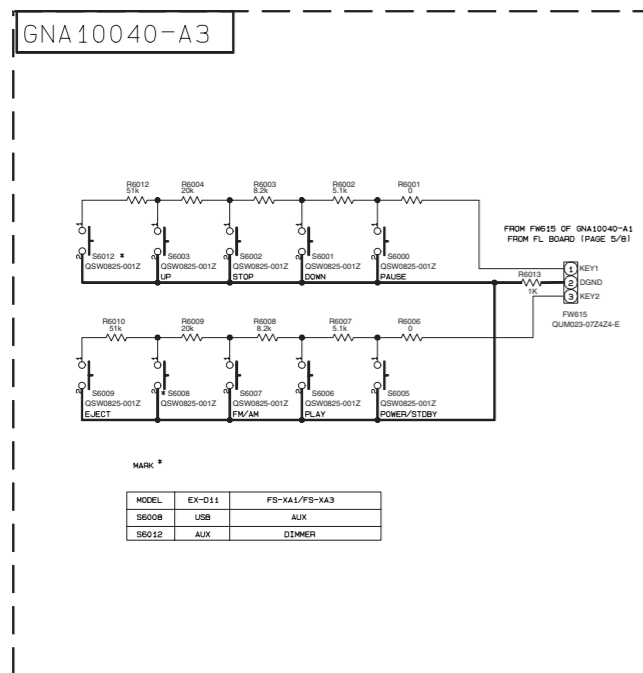
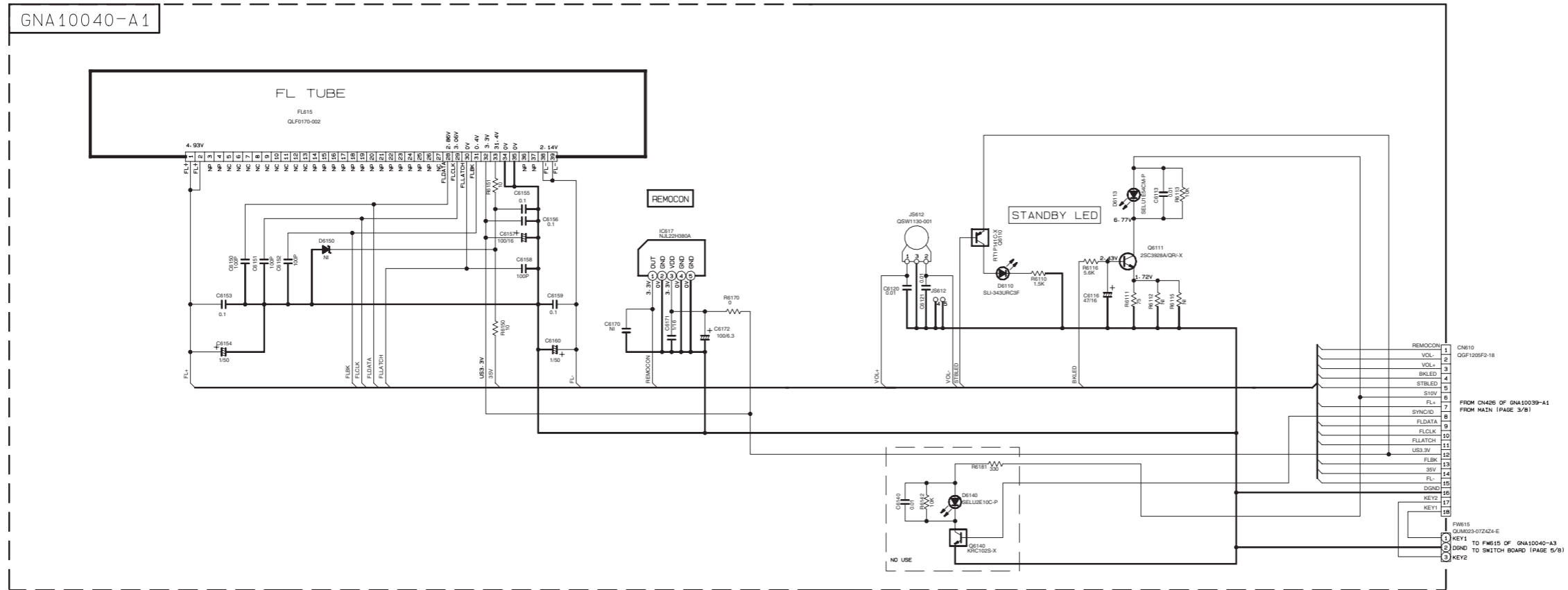
NOTES
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLTME-TER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL. CONDITION-CD STOP MODE.
 2. UNLESS OTHERWISE SPECIFIED.

ALL RESISTANCE VALUES ARE IN OHMS (Ω). ALL CAPACITANCE VALUES ARE IN MICRO-FARAD (μF) OR PICO-FARAD (pF). ALL INDUCTANCE VALUES ARE IN MILLI-HENRY (mH). ALL ELECTRICAL VALUES ARE IN THE FORM OF CAPACITANCE (μF) / RATED VOLTAGE (V).

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

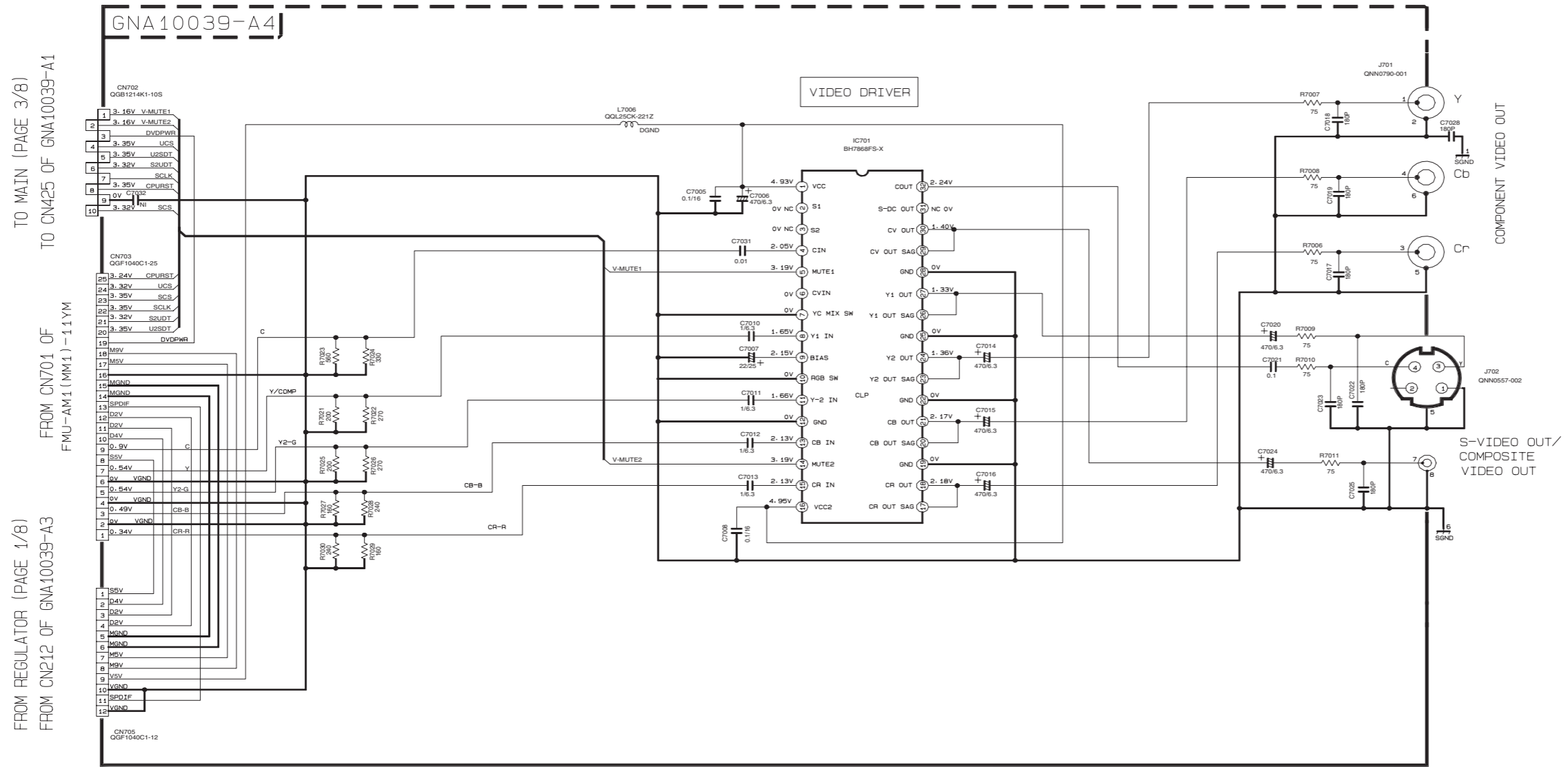
TO PAGE OF 0A400HP-A2 TO RESPONSE TIME (μS)

■ FL/User control keys/USB section

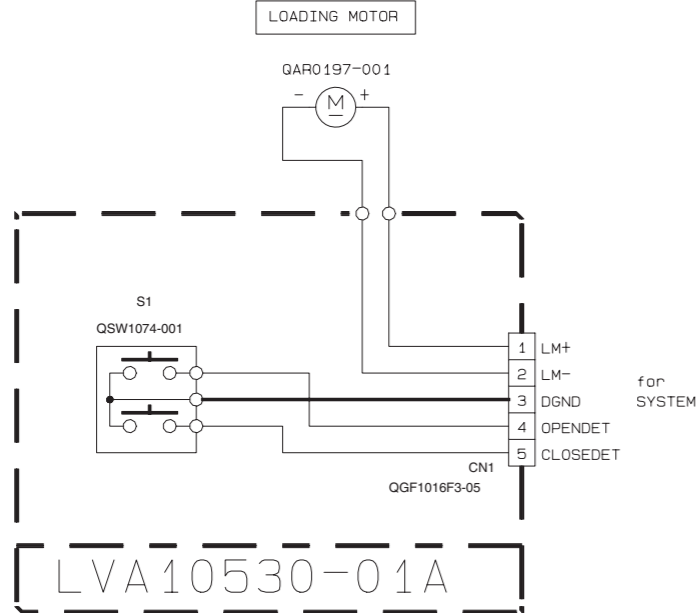


- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL. CONDITION --- CD STOP MODE Vo1.0
 2. UNLESS OTHERWISE SPECIFIED RESISTORS ARE 1/8W ±5% CARBON RESISTOR. ALL RESISTANCE VALUES ARE IN OHM(Ω). ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR. ALL CAPACITANCE VALUES ARE IN #F(PPF). ALL INDUCTANCE VALUES ARE IN #H(MMH). ALL ELECTROLYTIC CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V). ALL DIODES ARE MA111-X
 3. MARK(*) AND (#) IS TO SHOW DEVIATION IN VERSIONS ARE EXPLAINED NEAR MARK. ALL SWITCHES ARE OSW1121-001Z

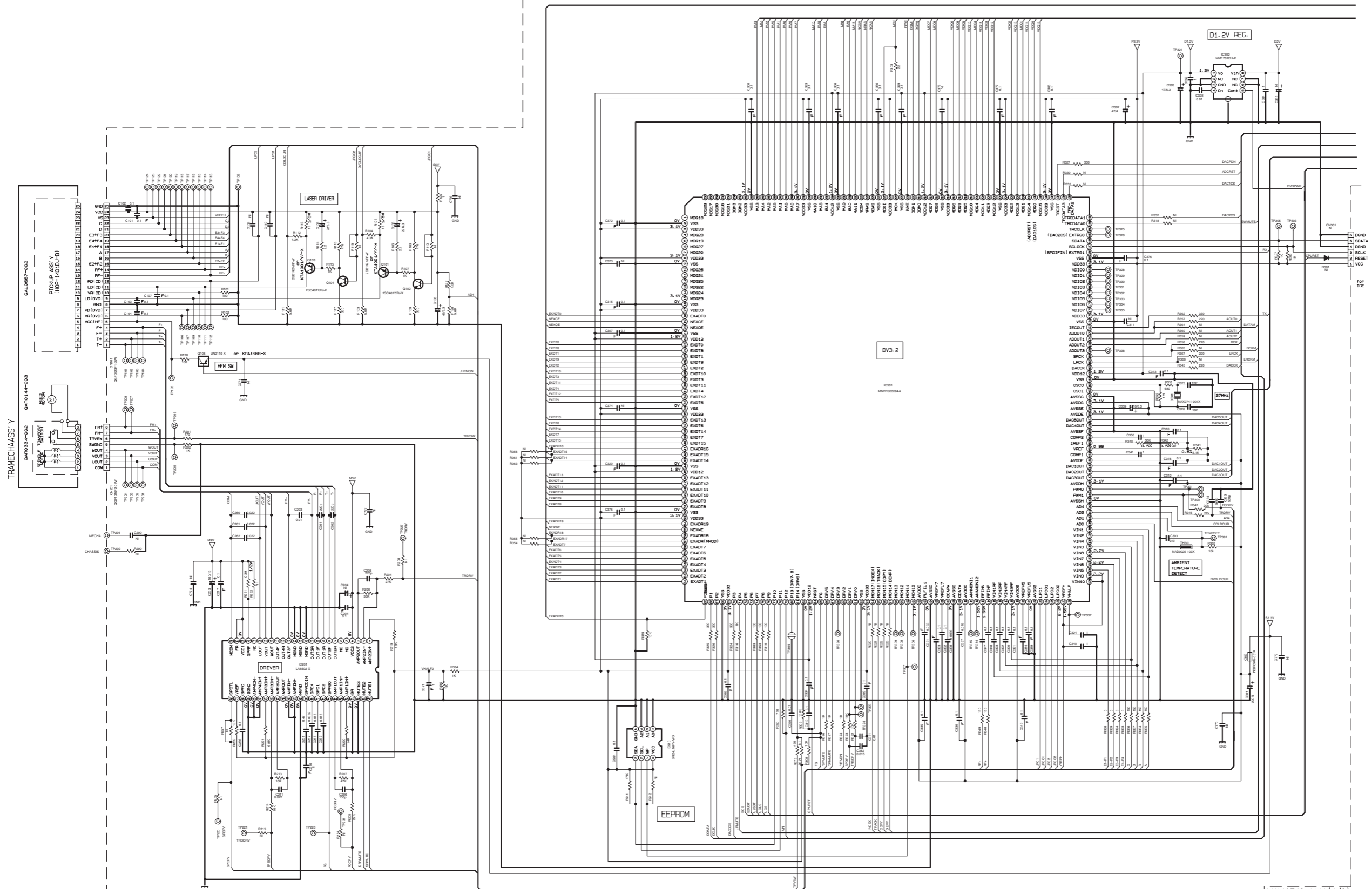
Video control section



DVD loader section



■ DVD control section (1/2)



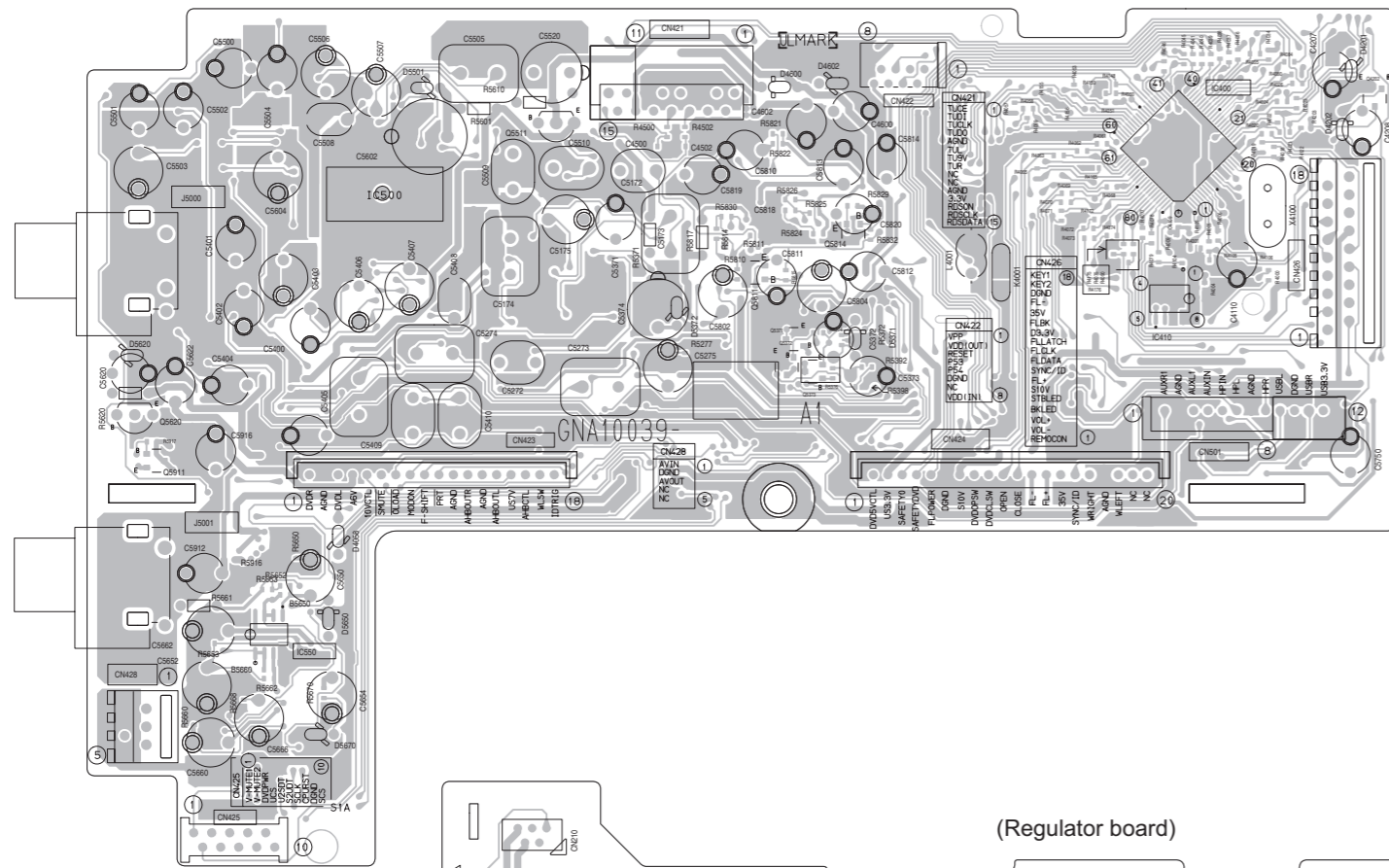
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
 2. UNLESS OTHERWISE SPECIFIED:
 ALL RESISTANCE VALUES ARE IN OHM(S).
 ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
 ALL CAPACITANCE VALUES ARE IN pF(pico).
 ALL INDUCTANCE VALUES ARE IN mH(milli).
 ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE 1/2RATED VOLTAGE (V).

Printed circuit boards

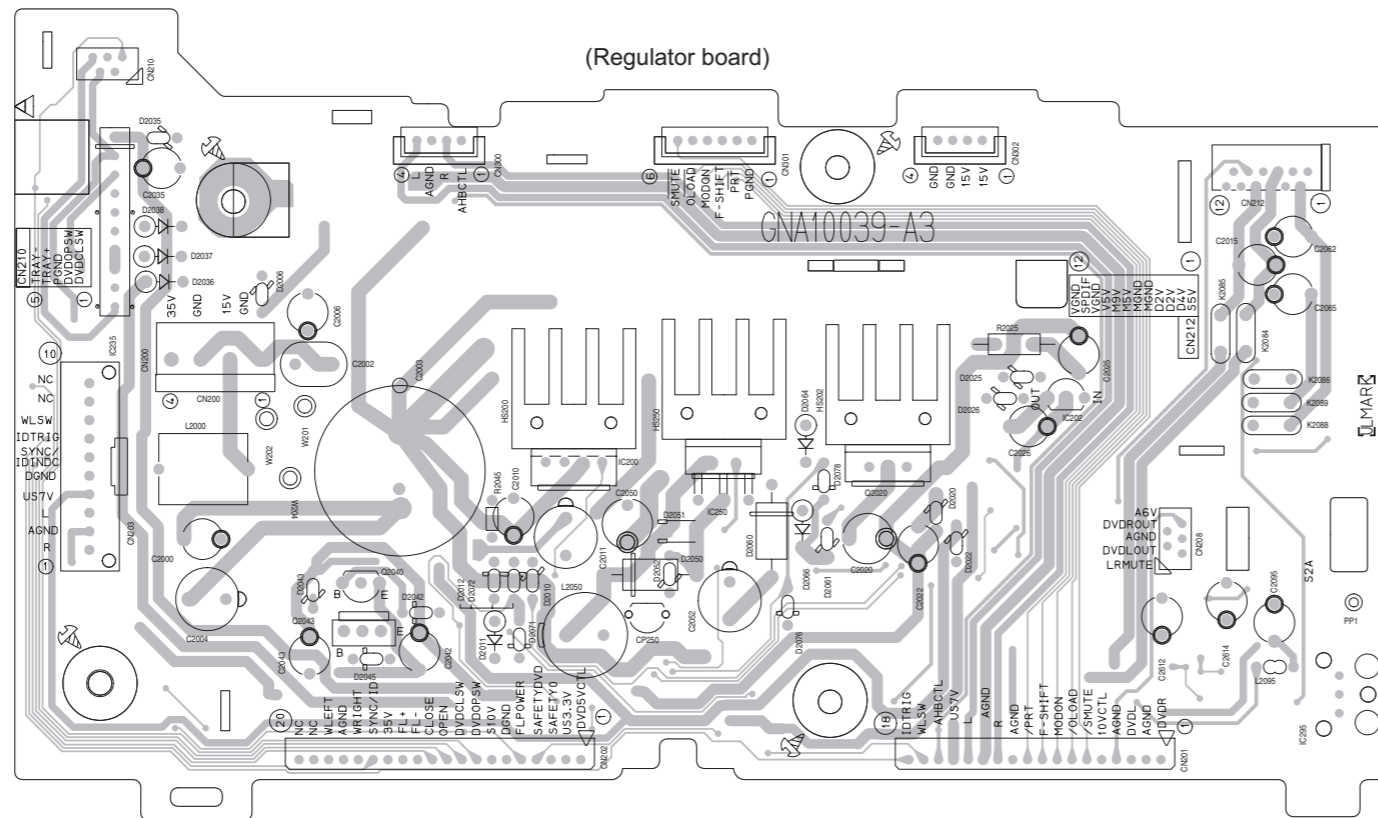
■ Main board Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

forward side

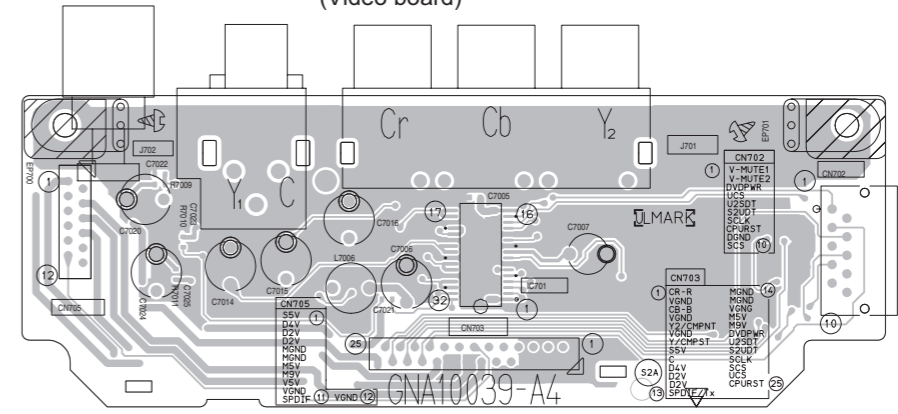
(Micon board)



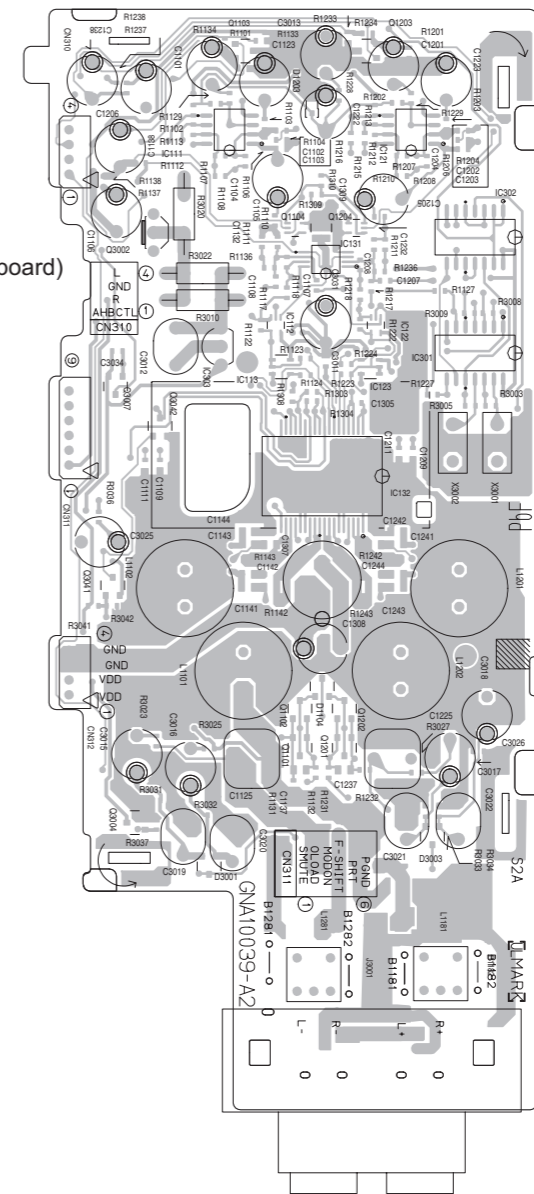
(Regulator board)



(Video board)

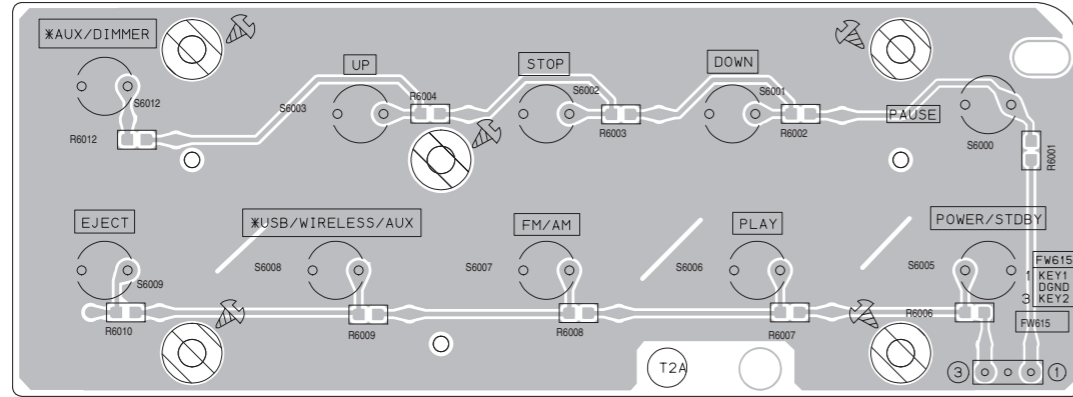


(Digital amp board)

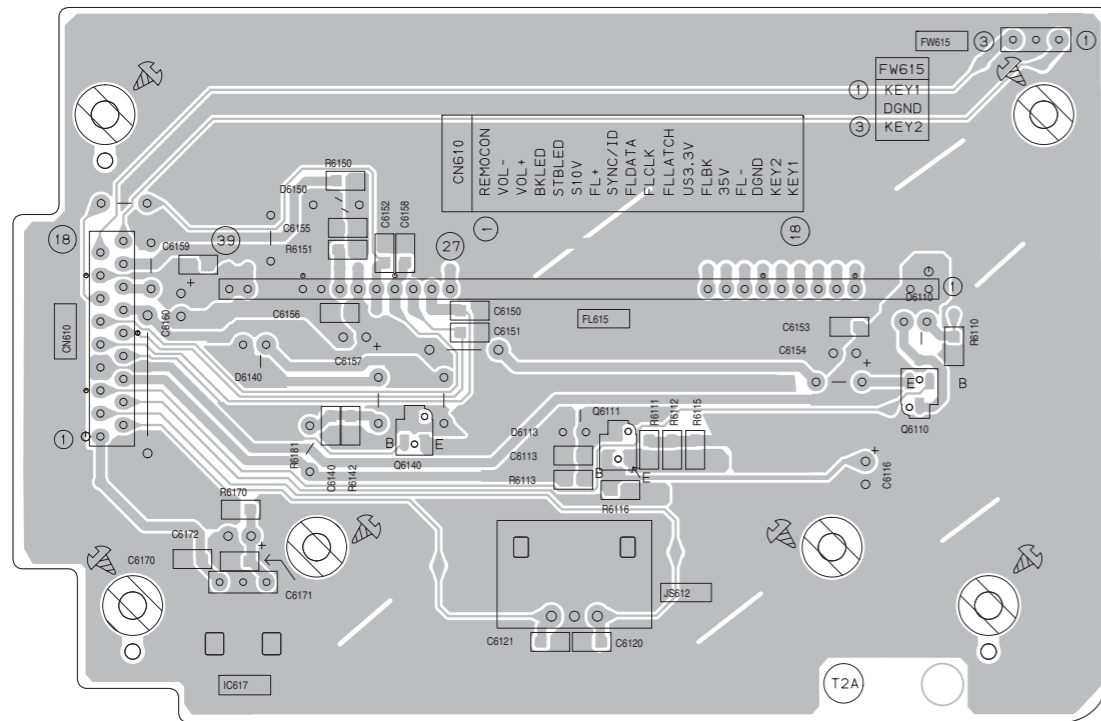


■ **FL board** Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

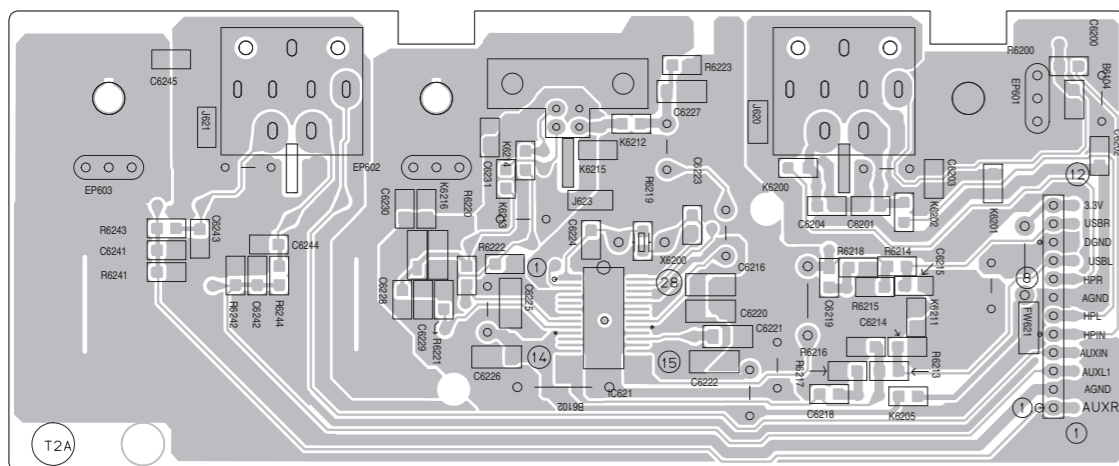
(Switch board)



(Front FL board)

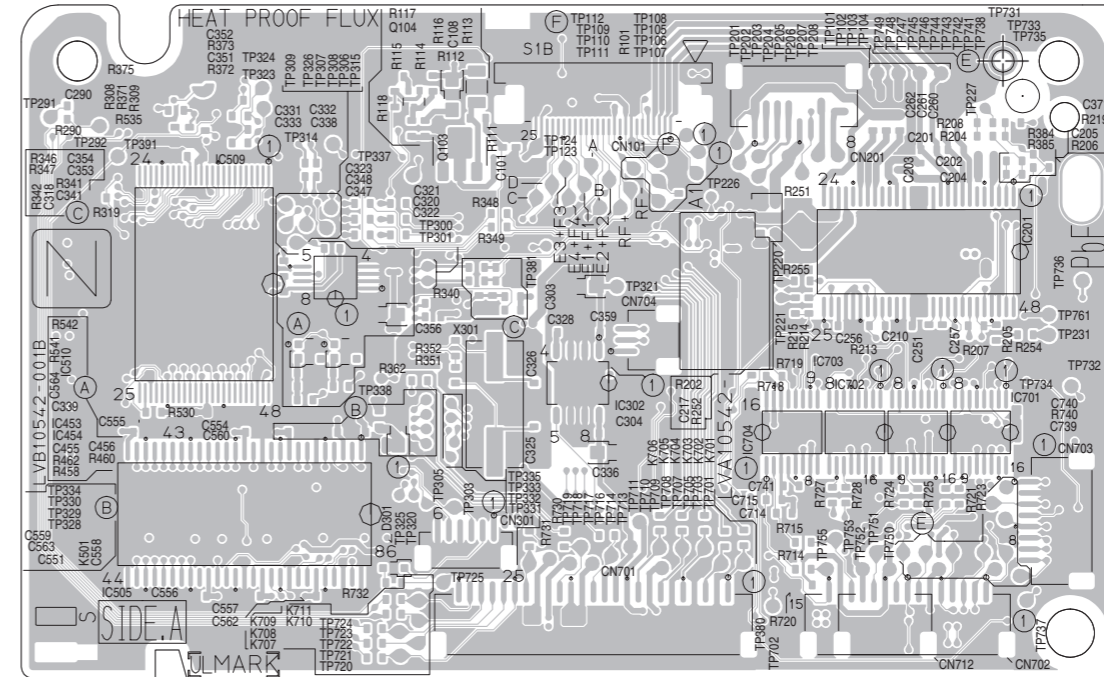


(Headphone board)

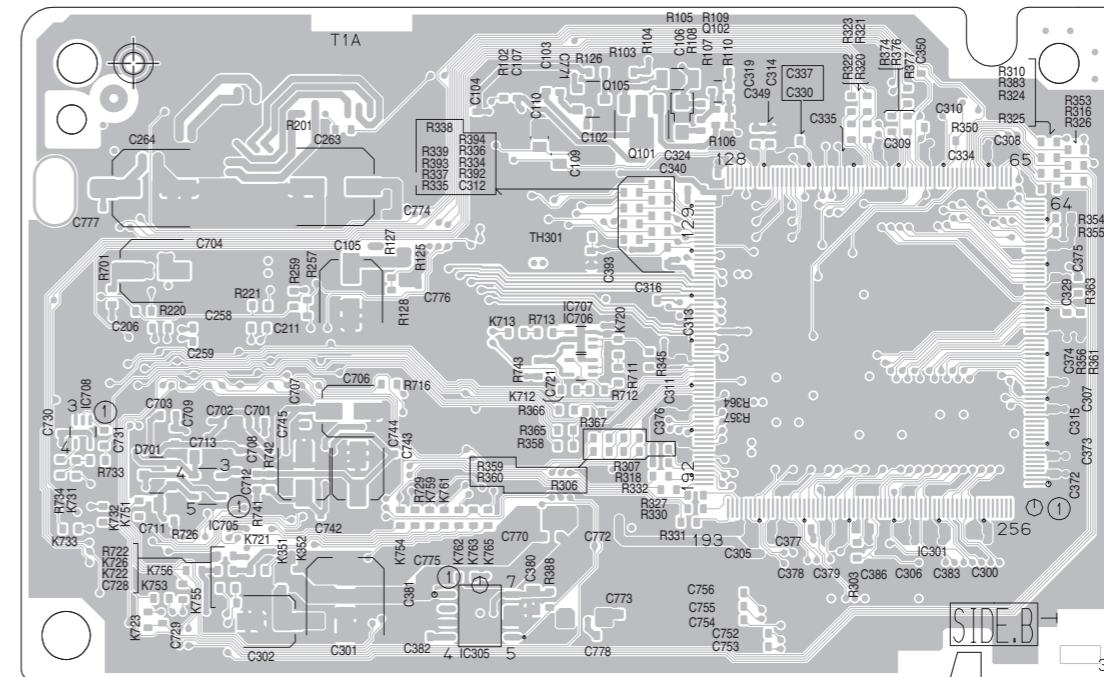


■ **DVD board** Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

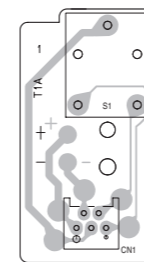
forward side



reverse side



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



< MEMO >

JVC

Victor Company of Japan, Limited

Audio/Video Systems Category 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB546SCH)



Printed in Japan
VPT

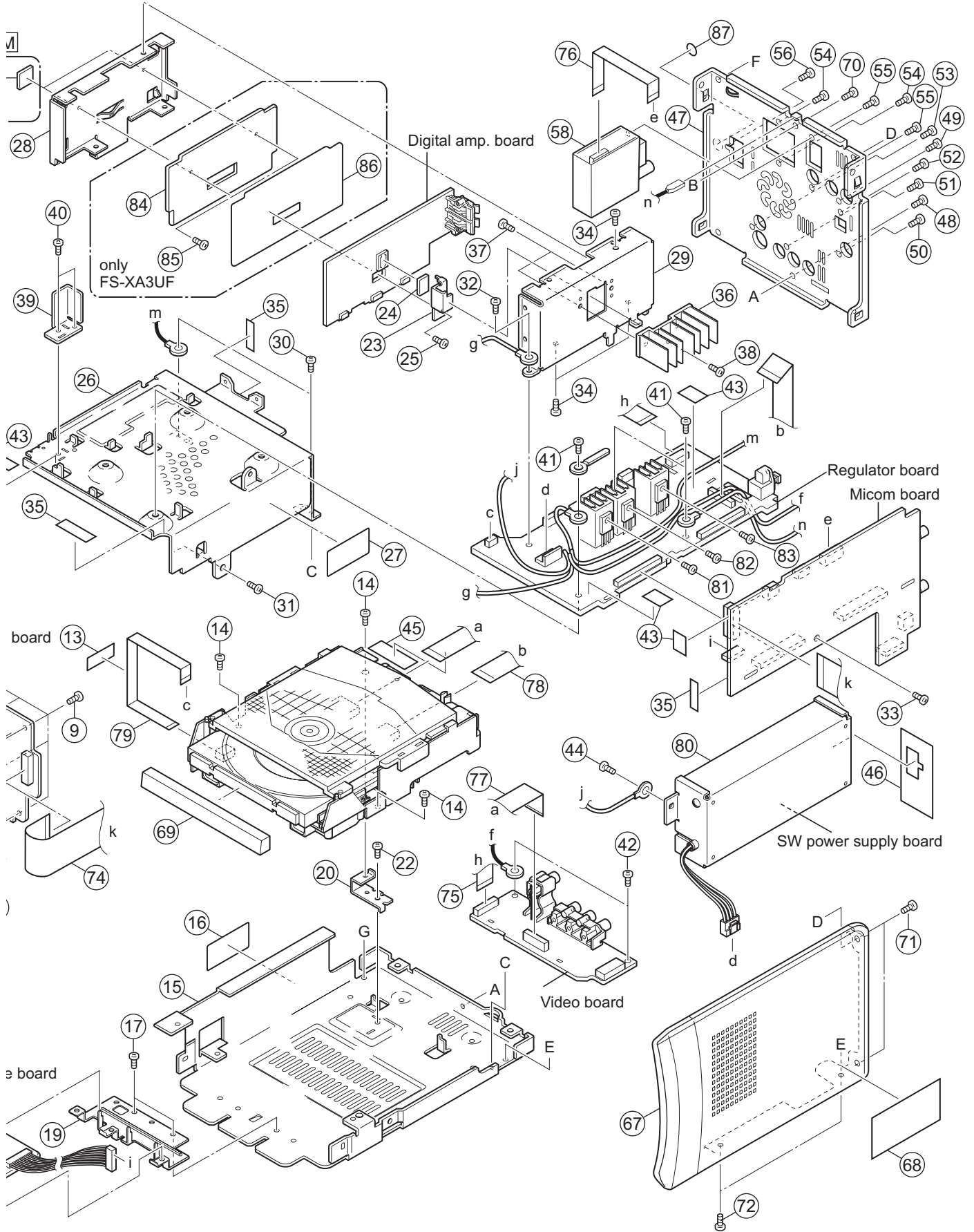
PARTS LIST

FS-XA3UF
FS-XA1B,FS-XA1E,FS-XA1EN,FS-XA1EV

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

- Contents -

Exploded view of general assembly and parts list (Block No.M1)	3-2
Speaker assembly and parts list(Front speaker) (Block No.M2)	3-6
DVD mechanism assembly and parts list (Block No.MJ)	3-7
DVD loading base assembly and parts list (Block No.MN).....	3-9
Electrical parts list (Block No.01~04).....	3-11
Packing materials and accessories parts list (Block No.M3)	3-20



General Assembly

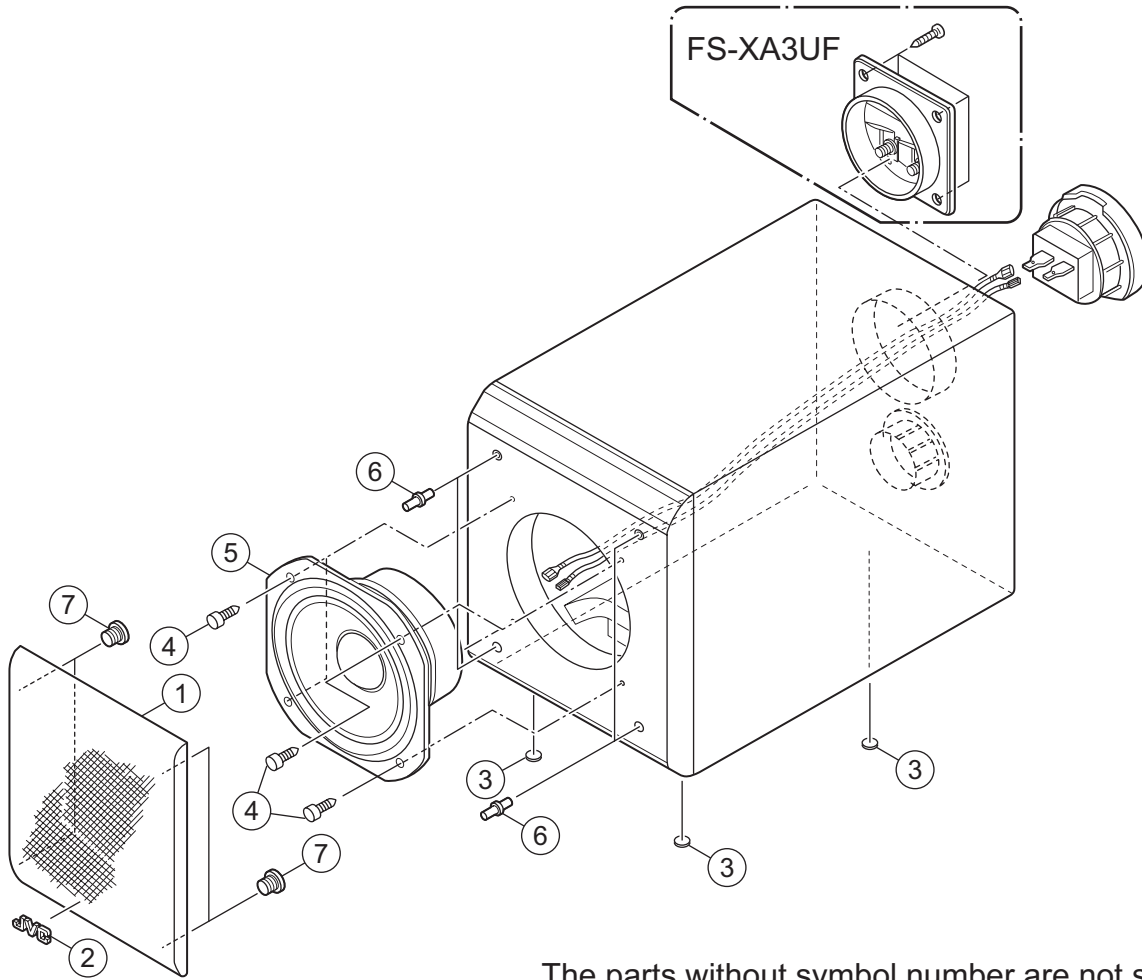
Block No. [M][1][M][M]

△	Symbol No.	Part No.	Part Name	Description	Local
	1	GN10089-009A	FRONT PANEL		
	2	GN10088-004A	FRONT COVER		XA3UF
	2	GN10088-003A	FRONT COVER		XA1B,XA1E,XA1EN,XA1EV
	3	QYSSST3008ZA	TAP SCREW	M3 x 8mm(x4)	
	4	GN20191-001A	JACK DOOR		
	5	GN30172-003A	DOOR COVER		XA3UF
	5	GN30172-002A	DOOR COVER		XA1B,XA1E,XA1EN,XA1EV
	6	GN30006-012A	SPACER		
	7	E69897-002	CUSHION	(x2)	
	8	GN40129-001A	FOOT	(x2)	
	9	QYSDSF2606ZA	TAP SCREW	M2.6 x 6mm(x6)	
	10	GN40098-002A	DOOR SPRING		
	11	QYSDSF2606ZA	TAP SCREW	M2.6 x 6mm	
	12	GN30177-002A	TOP BUTTON		
	13	GN30006-032A	SPACER		
	14	QYSBSG3008EA	TAP SCREW	M3 x 8mm(x3)	
	15	GV10248-003A	BOTTOM CHASSIS		
	16	GN30006-033A	SPACER		
	17	QYSBSGY3006EA	TAP SCREW	M3 x 6mm(x2)	
	18	QYSBSG3006EA	TAP SCREW	M3 x 6mm(x2)	
	19	GN30173-001A	HP BRACKET		
	20	GV40573-001A	MECHA HOLDER		
	21	QYSBSGY3006EA	TAP SCREW	M3 x 6mm(x3)	
	22	QYSBSGY3006EA	TAP SCREW	M3 x 6mm	
	23	GV40575-001A	HEAT SINK		
	24	GV40509-001A	THERMAL SHEET		
	25	QYSDST2606EA	TAP SCREW	M2.6 x 6mm	
	26	GV10249-002A	METAL CHASSIS		
	27	GN30006-033A	SPACER		
	28	GV30682-003A	SHIELD CASE A		
	29	GV30683-002A	SHIELD CASE B		
	30	QYSBSGY3006EA	TAP SCREW	M3 x 6mm(x2)	
	31	QYSSST3008EA	TAP SCREW	M3 x 8mm	
	32	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	33	QYSBSTG3006EA	TAP SCREW	M3 x 6mm	
	34	QYSDST2606EA	TAP SCREW	M2.6 x 6mm(x3)	
	35	GN30006-032A	SPACER	(x3)	
	36	GV40616-001A	HEAT SINK		
	37	QYSDSG3008EA	TAP SCREW	M3 x 8mm(x2)	
	38	QYSDSG3008EA	TAP SCREW	M3 x 8mm	
	39	GV40624-002A	BRACKET		
	40	QYSBSGY3006EA	TAP SCREW	M3 x 6mm(x2)	
	41	QYSBSG3008EA	TAP SCREW	M3 x 8mm(x3)	
	42	QYSBSG3008EA	TAP SCREW	M3 x 8mm(x2)	
	43	GN30006-034A	SPACER	(x6)	XA3UF
	43	GN30006-034A	SPACER	(x4)	XA1B,XA1E,XA1EN,XA1EV
	44	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	45	GN30006-035A	SPACER		
	46	GV40632-201A	SPACER		
	47	GN10093-010A	REAR PANEL		XA3UF
	47	GN10093-008A	REAR PANEL		XA1B,XA1E,XA1EN,XA1EV
	48	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	49	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	50	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	51	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	52	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	53	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	54	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
	55	QYSBSGY3008EA	TAP SCREW	M3 x 8mm(x2)	
	56	QYSBSGY3008EA	TAP SCREW	M3 x 8mm	
	57	GN30006-036A	SPACER	(x2)	
	58	QAU0412-001	TUNER		XA3UF
	58	QAU0413-001	TUNER		XA1B,XA1E,XA1EN,XA1EV
	59	GN10090-002A	TOP PANEL		
	60	QYSDSF2606ZA	TAP SCREW	M2.6 x 6mm(x5)	
	61	QYSSST3006ZA	TAP SCREW	M3 x 6mm(x2)	
	62	GN30178-002A	BUTTON PLATE		XA3UF
	62	GN30178-003A	BUTTON PLATE		XA1B,XA1E,XA1EN,XA1EV
	63	GN20190-001A	FRONT LENS		
	64	GN40097-001A	VOLUME CAP		
	65	GN30175-001A	VOLUME KNOB		
	66	GN10091-002A	SIDE PANEL L		
	67	GN10092-002A	SIDE PANEL R		
	68	GV40623-201A	DOLBY LABEL		

△ Symbol No.	Part No.	Part Name	Description	Local
69	GN30176-002A	TRAY FITTING		XA3UF
69	GN30176-001A	TRAY FITTING		XA1B,XA1E,XA1EN,XA1EV
70	QYSBSG3008EA	TAP SCREW	M3 x 8mm	
71	QYSBSG3008EA	TAP SCREW	M3 x 8mm(x4)	
72	QYSBSG3008EA	TAP SCREW	M3 x 8mm(x4)	
73	QYSSSF3008ZA	TAP SCREW	M3 x 8mm(x2)	
74	QUQ412-1807CJ-E	FFC WIRE	18pin 7cm	
75	QUQ210-1208DJ-E	FFC WIRE	12pin 8cm	
76	QUQ412-1109CJ-E	FFC WIRE	11pin 9cm	XA3UF
76	QUQ412-1509CJ-E	FFC WIRE	15pin 9cm	XA1B,XA1E,XA1EN,XA1EV
77	QUQ210-2508CJ-E	FFC WIRE	25pin 8cm	
78	QUQ210-0514CJ-E	FFC WIRE	5pin 14cm	
79	QUQ210-0511DJ-E	FFC WIRE	5pin 11cm	
80	QAL0813-002	SW P.SUPPLY MOD		
81	QYSBSG3008ZA	TAP SCREW	M3 x 8mm	
82	QYSBSG3008ZA	TAP SCREW	M3 x 8mm	
83	QYSBSG3008ZA	TAP SCREW	M3 x 8mm	
84	GN40117-001A	COPPER PLATE		XA3UF
85	QYSDST2604EA	TAP SCREW	M2.6 x 4mm(x2)	XA3UF
86	GN40118-001A	PROTECT SHEET		XA3UF
87	LV43268-001A	CCC LABEL		XA3UF

Speaker assembly and parts list

Block No. M 2 M M



The parts without symbol number are not service.

Speaker

Block No. M2MM

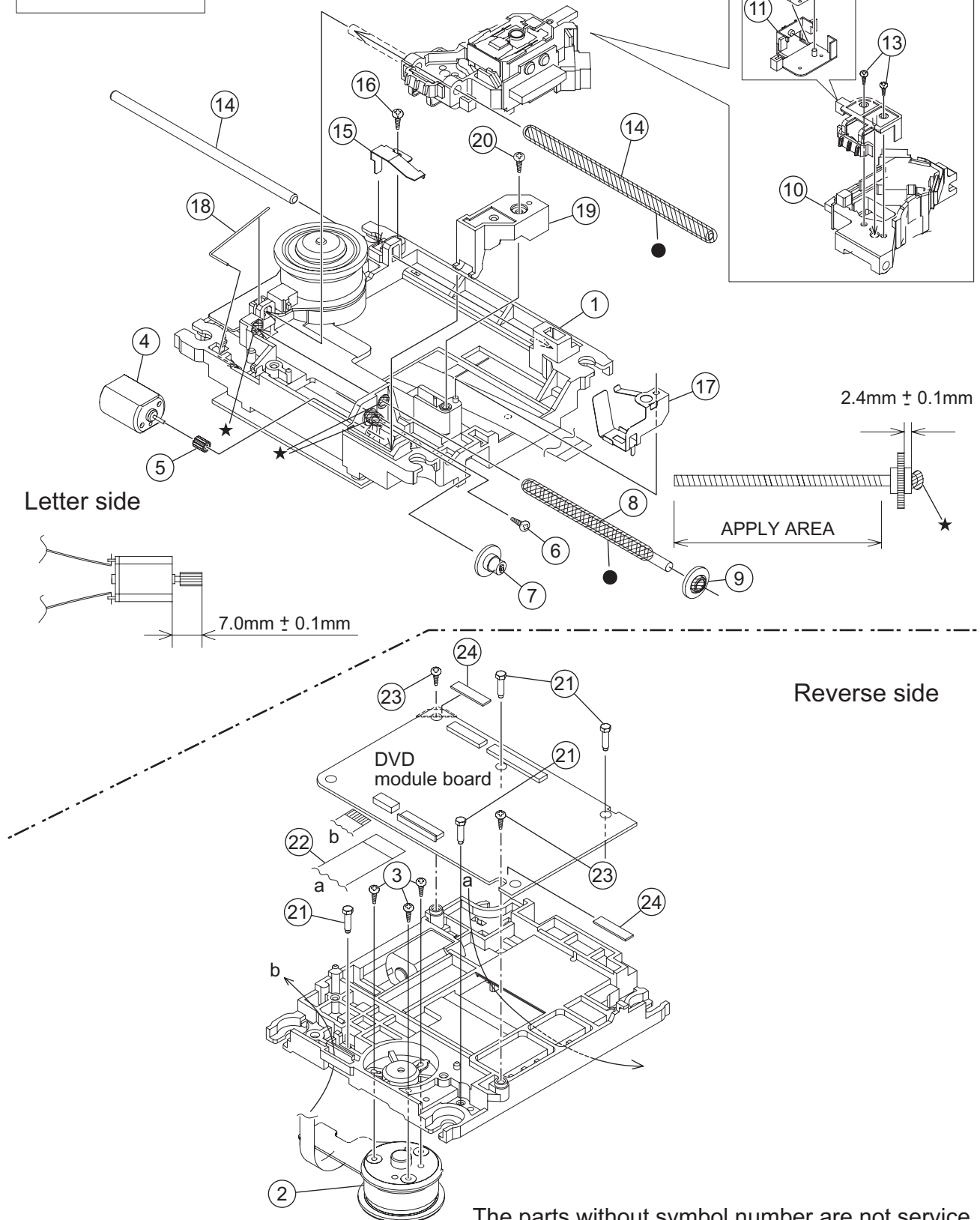
△ Symbol No.	Part No.	Part Name	Description	Local
1	LV35832-001A	SPK NET ASSY	(x2)	
2	E75939-222	JVC MARK	(x2)	
3	9000007941	FOOT	(x6)	
4	7008142006	SCREW	(x8)	
5	LE10007-025A	CONE SPK	(x2)	
6	5800023721	LATCH	(x8)	
7	5600008001	HOLDER	(x8)	

DVD mechanism assembly and parts list

Grease
 ★ =JVG-31N
 ● =JVS-1003

Block No. M J M M

FTU-MM1-11M



The parts without symbol number are not service.

DVD mechanism

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

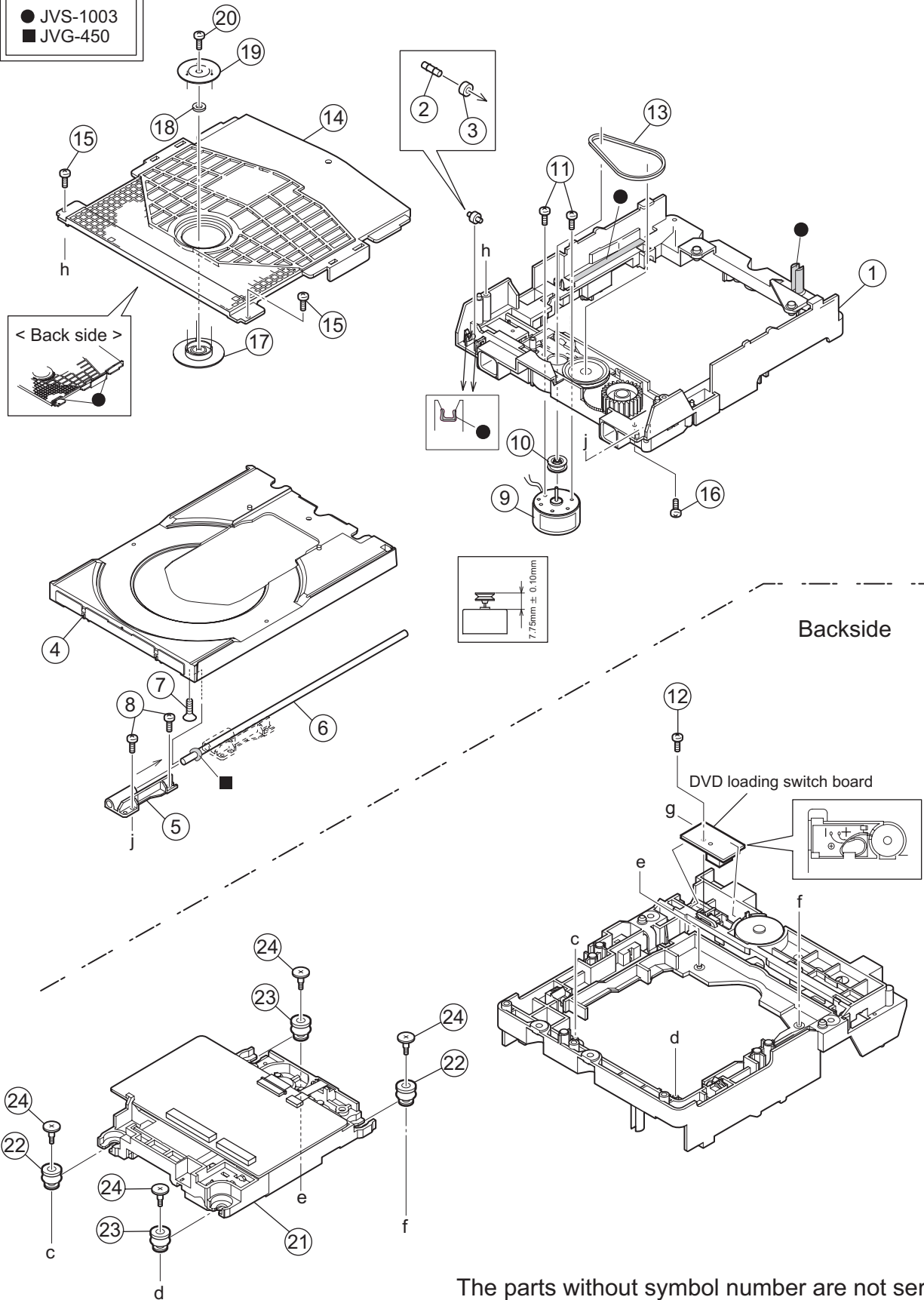
△	Symbol No.	Part No.	Part Name	Description	Local
	1	LV10984-001A	S.TM CHASSIS		
	2	QAR0334-002	S.MOTOR		
	3	QYSPSPU1740ZA	SCREW	M1.7 x 4mm(x3)	
	4	QAR0144-003	MOTOR		
	5	VKS5557-001	F.M. GEAR		
	6	QYSPSPT2025ZA	SCREW	M2 x 2.5mm	
	7	LV35461-002A	MIDDLE GEAR		
	8	LV44040-001A	SCREW SHAFT		
	9	LV35462-001A	SCREW SHAFT GEA		
	10	QAL0667-001	DVD PICK		
	11	LV21869-001A	RACK ARM		
	12	LV35463-001A	RACK ARM SPRING		
	13	QYSPSFU1740ZA	TAP SCREW	M1.7 x 4mm(x2)	
	14	LV44041-001A	GUIDE SHAFT	(x2)	
	15	LV35464-001A	G.SHAFT ADJ.SP		
	16	QYSDSF2005ZA	TAP SCREW	M2 x 5mm	
	17	LV35465-002A	THRUST SPRING		
	18	LV44042-001A	ROD SPRING		
	19	LV35467-001A	FEED BRACKET		
	20	QYSDSF2005ZA	TAP SCREW	M2 x 5mm	
	21	LV44046-001A	ADJUST SCREW	(x4)	
	22	LV44092-003A	PICK FFC		
	23	LV44209-001A	WASHER SCREW	(x2)	
	24	LV30225-0V6A	SPACER	(x2)	

DVD loading base assembly and parts list

FMU-MM1-11M

Block No. M N M M

Grease
 ● JVS-1003
 ■ JVG-450



The parts without symbol number are not service.

DVD loading base

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

△	Symbol No.	Part No.	Part Name	Description	Local
	1	LV11065-003A	LOADER SUB ASSY		
	2	E407140-001SS	C.D ROLLER		
	3	E407149-001SS	RUBBER TUBE		
	4	LV10979-002A	TRAY		
	5	LV35499-001A	SHAFT GUIDE		
	6	LV44022-001A	SHAFT		
	7	QYSSSF2008ZA	TAP SCREW	M2 x 8mm	
	8	QYSDSF2008ZA	TAP SCREW	M2 x 8mm(x2)	
	9	QAR0197-001	MOTOR		
	9	or QAR0280-001	LOADING MOTOR		
	10	LV43844-002A	MOTOR PULLEY		
	11	QYSPSPU1730ZA	SCREW	M1.7 x 3mm(x2)	
	12	QYSDSF2008ZA	TAP SCREW	M2 x 8mm	
	13	LV43974-001A	BELT		
	14	LV21852-003A	CLAMPER BASE		
	15	QYSDSF2008ZA	TAP SCREW	M2 x 8mm(x2)	
	16	LV41741-004A	SPECIAL SCREW		
	17	LV35056-002A	DVD CLAMPER		
	18	LV42930-003A	P.C.MAGNET		
	18	or LV41118-003A	MAGNET		
	19	LV43848-001A	YOKE		
	20	LE40906-002A	SPECIAL SCREW		
	21	-----	SINGLE DVD TRAM		
	22	LV44043-002A	INSULATOR	(x2)	
	23	LV44043-003A	INSULATOR	(x2)	
	24	LV44044-001A	SPECIAL SCREW	(x4)	

Electrical parts list

Main board

Block No. [0][1]

△ Symbol No.	Part No.	Part Name	Description	Local
	IC111	NJM4580M-X	IC	
	IC112	NJU7109F3-X	IC	
	IC113	SN74AHC1G00V-X	IC	
	IC121	NJM4580M-X	IC	
	IC122	NJU7109F3-X	IC	
	IC123	SN74AHC1G00V-X	IC	
	IC131	NJM2115V-W	IC	
△	IC132	STA505-LF-W	IC	
△	IC200	KIA78R10API	IC	
△	IC202	PQ033ES3MX-T	IC	
	IC235	LB1641	IC	
△	IC250	PQ1CG21H2FZ	IC	Regulator
	IC295	GP1FAV30TK0F	OPT TRANSMITTER	
	IC295	or TOTX147	OPT TRANSMITTER	
	IC301	SN74HCU04ANS-X	IC	
	IC302	SN74LV00ANS-X	IC	
△	IC303	KIA78S05P-T	IC	
	IC400	MN101C61GAJ	MASK ROM	
	IC400	or MN101CF61GAJ	FLASH ROM	
	IC410	BR24L08F-W-X	IC(DIGITAL)	
	IC500	LC75345M-X	IC	
	IC510	NJM4565M-WE	IC	
	IC520	NJM4565M-WE	IC	
	IC550	LM358DR-X	IC	
	IC560	LM358DR-X	IC	
	IC701	BH7868FS-X	IC	
	Q1101	KRA109S-X	DIGI TRANSISTOR	
	Q1101	or RT1P44HC-X	DIGI TRANSISTOR	
	Q1102	KRA109S-X	DIGI TRANSISTOR	
	Q1102	or RT1P44HC-X	DIGI TRANSISTOR	
	Q1103	2SD2114K/VW/-X	TRANSISTOR	
	Q1104	UMY1N-W	TRANSISTOR	
	Q1201	KRA109S-X	D. TRANSISTOR	
	Q1201	or RT1P44HC-X	DIGI TRANSISTOR	
	Q1202	KRA109S-X	D. TRANSISTOR	
	Q1202	or RT1P44HC-X	DIGI TRANSISTOR	
	Q1203	2SD2114K/VW/-X	TRANSISTOR	
	Q1204	UMY1N-W	TRANSISTOR	
	Q2006	2SA1530A/QR/-X	TRANSISTOR	
	Q2007	2SC3928A/QR/-X	TRANSISTOR	
△	Q2020	KTC2026/Y/	TRANSISTOR	
△	Q2040	KTC3203/OY/-T	TRANSISTOR	
	Q2041	2SA1530A/QR/-X	TRANSISTOR	
	Q2042	KRC102S-X	DIGI TRANSISTOR	
	Q2042	or RT1N141C-X	DIGI TRANSISTOR	
	Q2043	KTB772/Y/	TRANSISTOR	
	Q2050	KRC102S-X	DIGI TRANSISTOR	
	Q2050	or RT1N141C-X	DIGI TRANSISTOR	
	Q2070	KRC102S-X	DIGI TRANSISTOR	
	Q2070	or RT1N141C-X	DIGI TRANSISTOR	
	Q2071	KRC102S-X	DIGI TRANSISTOR	
	Q2071	or RT1N141C-X	DIGI TRANSISTOR	
	Q2612	2SD2114K/VW/-X	TRANSISTOR	
	Q2613	2SD2114K/VW/-X	TRANSISTOR	
	Q2614	KRA111S-X	D. TRANSISTOR	
	Q2614	or RT1P140C-X	D. TRANSISTOR	
	Q3002	KTA1267/YG-T	TRANSISTOR	
	Q3003	2SC3928A/QR/-X	TRANSISTOR	
	Q3004	2SC3928A/QR/-X	TRANSISTOR	
	Q3005	2SC3928A/QR/-X	TRANSISTOR	
	Q3006	2SA1530A/QR/-X	TRANSISTOR	
	Q3007	KRA103S-X	DIGI TRANSISTOR	
	Q3007	or RT1P241C-X	DIGI TRANSISTOR	
	Q4201	KRA102S-X	DIGI TRANSISTOR	
	Q4201	or RT1P141C-X	DIGI TRANSISTOR	
	Q4202	KRC107S-X	DIGI TRANSISTOR	
	Q4202	or RT1N144C-X	DIGI TRANSISTOR	
	Q4600	2SA1530A/QR/-X	TRANSISTOR	
	Q4601	KRC111S-X	TRANSISTOR	
	Q4601	or RT1N140C-X	DIGI TRANSISTOR	
	Q5371	2SC3928A/QR/-X	TRANSISTOR	

△ Symbol No.	Part No.	Part Name	Description	Local
	Q5372	2SC3928A/QR/-X	TRANSISTOR	
	Q5373	2SC3928A/QR/-X	TRANSISTOR	
△	Q5511	KTC3203/OY/-T	TRANSISTOR	
	Q5620	KTC3200/GLJ-T	TRANSISTOR	
	Q5670	RT1N44HC-X	DIGI TRANSISTOR	
	Q5810	2SD2114K/VW/-X	TRANSISTOR	
	Q5811	2SD2114K/VW/-X	TRANSISTOR	
	Q5812	KRA101S-X	DIGI TRANSISTOR	
	Q5812	or RT1P431C-X	DIGI TRANSISTOR	
	Q5813	2SD2114K/VW/-X	TRANSISTOR	
	Q5814	2SD2114K/VW/-X	TRANSISTOR	
	Q5911	2SC3928A/QR/-X	TRANSISTOR	
	Q5912	KRA109S-X	D. TRANSISTOR	
	Q5912	or RT1P44HC-X	DIGI TRANSISTOR	
	Q5913	2SD2114K/VW/-X	TRANSISTOR	
	D1104	MA152WK-X	SI DIODE	
	D1203	UDZS6.8B-X	Z DIODE	
	D2006	MTZJ24B-T2	Z DIODE	
	D2010	MTZJ11C-T2	Z DIODE	
	D2011	1N4003S-T5	SI DIODE	
	D2020	MTZJ7.5B-T2	Z DIODE	
	D2022	MTZJ7.5B-T2	Z DIODE	
	D2025	MTZJ3.6B-T2	S.B.DIODE	
	D2026	MTZJ3.6B-T2	S.B.DIODE	
	D2035	MTZJ5.6C-T2	Z DIODE	
	D2036	1N4003S-T5	SI DIODE	
	D2037	1N4003S-T5	SI DIODE	
	D2038	1N4003S-T5	SI DIODE	
	D2043	MTZJ5.6B-T2	Z DIODE	
	D2050	11DF2-FD	DIODE	
	D2051	RB161L-40-X	SB DIODE	
	D2052	MTZJ6.2C-T2	Z DIODE	
	D2060	2A02-M	DIODE	
	D2061	MTZJ3.9B-T2	Z DIODE	
	D2064	1N4003S-T5	SI DIODE	
	D2066	1N4003S-T5	SI DIODE	
	D2072	1SS133-T2	SI DIODE	
	D2076	1SS133-T2	SI DIODE	
	D2078	1SS133-T2	SI DIODE	
	D3001	MA152WK-X	SI DIODE	
	D3003	MA152WK-X	SI DIODE	
	D4058	MTZJ2.4B-T2	Z DIODE	
	D4201	MTZJ2.2A-T2	S.B.DIODE	
	D4202	1SS133-T2	SI DIODE	
	D4602	MTZJ3.3B-T2	Z DIODE	
	D5371	1SS133-T2	SI DIODE	
	D5372	MTZJ5.1B-T2	Z DIODE	
	D5501	MTZJ10B-T2	Z DIODE	
	D5620	MTZJ6.2B-T2	Z DIODE	
	D5650	1SS133-T2	SI DIODE	
	D5670	MTZJ3.3B-T2	Z DIODE	
	C1101	QTE1J60-106Z	E CAPACITOR	10uF 63V
	C1102	NCB31HK-222X	C CAPACITOR	2200pF 50V K
	C1103	NCB31HK-222X	C CAPACITOR	2200pF 50V K
	C1104	NDC31HJ-471X	C CAPACITOR	470pF 50V J
	C1105	QTE1H46-475Z	E CAPACITOR	4.7uF 50V
	C1106	QTE1H53-106Z	E CAPACITOR	10uF 50V
	C1107	NCB31HK-122X	C CAPACITOR	1200pF 50V K
	C1108	NDC31HJ-331X	C CAPACITOR	330pF 50V J
	C1109	NDC31HJ-220X	C CAPACITOR	22pF 50V J
	C1110	NDC31HJ-220X	C CAPACITOR	22pF 50V J
	C1111	NDC31HJ-220X	C CAPACITOR	22pF 50V J
	C1113	NCB30JK-105X	C CAPACITOR	1uF 6.3V K
	C1114	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
	C1115	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
	C1118	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
	C1123	QTE1H53-106Z	E CAPACITOR	10uF 50V
	C1124	NDC31HJ-101X	C CAPACITOR	100pF 50V J
	C1125	QFV1HJ-684Z	MF CAPACITOR	0.68uF 50V J
	C1126	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
	C1127	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
	C1128	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
	C1129	NCB21HK-104X	C CAPACITOR	0.1uF 50V K
	C1130	NCB21HK-104X	C CAPACITOR	0.1uF 50V K

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C1132	NDC31HJ-181X	C CAPACITOR	180pF 50V J		C2015	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1133	NDC31HJ-471X	C CAPACITOR	470pF 50V J		C2020	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C1134	NDC31HJ-471X	C CAPACITOR	470pF 50V J		C2021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1137	NCB21CK-105X	C CAPACITOR	1uF 16V K		C2022	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1138	QTE1J60-106Z	E CAPACITOR	10uF 63V		C2025	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1140	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C2026	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C1141	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C2027	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1142	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C2035	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C1143	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C2036	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1144	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C2037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1181	NDC31HJ-221X	C CAPACITOR	220pF 50V J		C2040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1182	NCB31HK-332X	C CAPACITOR	3300pF 50V K		C2041	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
				XA1B, XA1E, XA1E N,XA1 EV	C2042	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1184	NDC31HJ-221X	C CAPACITOR	220pF 50V J		C2043	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
				XA3UF	C2050	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C1201	QTE1H53-106Z	E CAPACITOR	10uF 50V		C2051	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1201	QTE1J60-106Z	E CAPACITOR	10uF 63V		C2052	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C1202	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C2055	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1203	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C2062	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C1204	NDC31HJ-471X	C CAPACITOR	470pF 50V J		C2065	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C1205	QTE1H46-475Z	E CAPACITOR	4.7uF 50V		C2095	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C1206	QTE1H53-106Z	E CAPACITOR	10uF 50V		C2612	QTE1J60-106Z	E CAPACITOR	10uF 63V	
C1207	NCB31HK-122X	C CAPACITOR	1200pF 50V K		C2614	QTE1J60-106Z	E CAPACITOR	10uF 63V	
C1208	NDC31HJ-331X	C CAPACITOR	330pF 50V J		C2616	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1209	NDC31HJ-220X	C CAPACITOR	22pF 50V J		C3002	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C1210	NDC31HJ-220X	C CAPACITOR	22pF 50V J		C3003	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C1211	NDC31HJ-220X	C CAPACITOR	22pF 50V J		C3004	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C1213	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3005	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C1214	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		C3006	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1215	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		C3007	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1218	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C3008	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C1222	QTE1V46-336Z	E CAPACITOR	33uF 35V		C3009	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C1223	QTE1H53-106Z	E CAPACITOR	10uF 50V		C3010	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1224	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C3011	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1225	QFVF1HJ-684Z	MF CAPACITOR	0.68uF 50V J		C3012	QFVF1HJ-334Z	MF CAPACITOR	0.33uF 50V J	
C1226	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C3013	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C1227	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C3015	QER61HM-106Z	E CAPACITOR	10uF 50V M	
C1228	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C3016	QER61HM-106Z	E CAPACITOR	10uF 50V M	
C1229	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C3017	QER61HM-106Z	E CAPACITOR	10uF 50V M	
C1230	NCB21HK-104X	C CAPACITOR	0.1uF 50V K		C3018	QER61HM-106Z	E CAPACITOR	10uF 50V M	
C1232	NDC31HJ-181X	C CAPACITOR	180pF 50V J		C3019	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1233	NDC31HJ-471X	C CAPACITOR	470pF 50V J		C3020	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1234	NDC31HJ-471X	C CAPACITOR	470pF 50V J		C3021	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1237	NCB21CK-105X	C CAPACITOR	1uF 16V K		C3022	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1238	QTE1H53-106Z	E CAPACITOR	10uF 50V		C3025	QER61HM-106Z	E CAPACITOR	10uF 50V M	
C1238	QTE1J60-106Z	E CAPACITOR	10uF 63V	XA3UF	C3026	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1240	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C3027	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1241	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C3031	QTE1H53-106Z	E CAPACITOR	10uF 50V	
C1242	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C3034	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1243	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C4000	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1244	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C4058	QKHC1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1281	NDC31HJ-221X	C CAPACITOR	220pF 50V J		C4109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1282	NCB31HK-332X	C CAPACITOR	3300pF 50V K		C4110	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
				XA1B, XA1E, XA1E N,XA1 EV	C4111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1284	NDC31HJ-221X	C CAPACITOR	220pF 50V J		C4112	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
					C4113	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C1301	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C4207	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C1302	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4208	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C1303	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4210	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1304	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4500	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C1305	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		C4502	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C1306	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		C4600	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
△ C1307	QTMN1EM-477Z	E CAPACITOR	470uF 25V M		C4602	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C1308	QTE1H60-226Z	E CAPACITOR	22uF 50V		C4707	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1309	NFV41HJ-333X	MPPS CAPACITOR	0.033uF 50V J		C4708	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1310	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C5172	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C1381	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C5173	QFZ0225-473Z	MYLAR CAPA	0.047uF	
C2000	QTE1E46-476Z	E CAPACITOR	47uF 25V		C5174	QFZ0225-473Z	MYLAR CAPA	0.047uF	
C2002	QFG32AJ-223Z	PP CAPACITOR	0.022uF 100V J		C5175	QTE1H53-106Z	E CAPACITOR	10uF 50V	
C2003	QTE1E61-828	E CAPACITOR	8200uF 25V		C5272	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C2004	QTE1E46-476Z	E CAPACITOR	47uF 25V	XA3UF	C5273	QFZ0225-473Z	MYLAR CAPA	0.047uF	
C2004	QTE1E60-476Z	E CAPACITOR	47uF 25V		C5274	QFZ0225-473Z	MYLAR CAPA	0.047uF	
C2006	QETN1HM-226Z	E CAPACITOR	22uF 50V M		C5275	QTE1H53-106Z	E CAPACITOR	10uF 50V	
C2010	QETN1EM-476Z	E CAPACITOR	47uF 25V M		C5371	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C2011	QTE1E60-476Z	E CAPACITOR	47uF 25V		C5372	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
C2012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C5373	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
					C5374	QTE1E46-476Z	E CAPACITOR	47uF 25V	XA3UF
					C5374	QTE1E60-476Z	E CAPACITOR	47uF 25V	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C5400	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		C7021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5401	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		C7022	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C5403	QTE1J60-106Z	E CAPACITOR	10uF 63V		C7023	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C5404	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		C7024	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
C5405	QFZ0225-473Z	MYLAR CAPA	0.047uF		C7025	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C5406	QTE1H53-106Z	E CAPACITOR	10uF 50V		C7028	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
C5407	QTE1H53-106Z	E CAPACITOR	10uF 50V		C7031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C5408	QFG32AJ-272Z	PP CAPACITOR	2700pF 100V J		R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
C5409	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J		R1102	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J	
C5410	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J		R1103	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
C5500	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1104	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C5501	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1105	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C5503	QTE1J60-106Z	E CAPACITOR	10uF 63V		R1106	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
C5504	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1107	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C5505	QFZ0225-473Z	MYLAR CAPA	0.047uF		R1108	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C5506	QTE1H53-106Z	E CAPACITOR	10uF 50V		R1110	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
C5507	QTE1H53-106Z	E CAPACITOR	10uF 50V		R1111	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
C5508	QFG32AJ-272Z	PP CAPACITOR	2700pF 100V J		R1112	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C5509	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J		R1113	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C5510	QFLC1HJ-104Z	M CAPACITOR	0.1uF 50V J		R1115	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C5520	QTE1E46-476Z	E CAPACITOR	47uF 25V		R1116	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C5521	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1117	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
C5530	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R1118	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C5531	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R1119	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C5532	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R1120	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C5602	QTE1C46-107Z	E CAPACITOR	100uF 16V M		R1122	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C5603	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R1123	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C5604	QTE1H60-226Z	E CAPACITOR	22uF 50V		R1124	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C5620	QETN1CM-107Z	E CAPACITOR	100uF 16V M		△ R1125	NRS016J-470X	MG RESISTOR	47Ω 1W J	
C5622	QETN1CM-107Z	E CAPACITOR	100uF 16V M		△ R1126	NRS016J-470X	MG RESISTOR	47Ω 1W J	
C5650	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M		R1127	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C5652	QETN1CM-476Z	E CAPACITOR	47uF 16V M		R1129	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C5654	QETN1CM-476Z	E CAPACITOR	47uF 16V M		R1131	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C5660	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M		R1132	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C5662	QETN1CM-476Z	E CAPACITOR	47uF 16V M		R1133	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C5666	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1134	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
C5667	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R1135	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C5668	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R1136	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C5669	NCB31CK-224X	C CAPACITOR	0.22uF 16V K		R1137	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
C5710	NDC31HJ-221X	C CAPACITOR	220pF 50V J		R1138	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C5711	NDC31HJ-221X	C CAPACITOR	220pF 50V J		R1142	NRSA02J-101X	MG RESISTOR	100Ω 1/10W J	
C5720	NDC31HJ-221X	C CAPACITOR	220pF 50V J		R1143	NRSA02J-101X	MG RESISTOR	100Ω 1/10W J	
C5721	NDC31HJ-221X	C CAPACITOR	220pF 50V J		R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
C5730	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R1202	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J	
C5802	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1203	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
C5804	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1204	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C5810	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1205	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C5811	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1206	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
C5812	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1207	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C5813	QETN1CM-107Z	E CAPACITOR	100uF 16V M		R1208	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C5814	QETN1EM-476Z	E CAPACITOR	47uF 25V M		R1210	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
C5815	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R1211	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
C5816	NDC31HJ-151X	C CAPACITOR	150pF 50V J		R1212	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C5817	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R1213	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C5818	NDC31HJ-151X	C CAPACITOR	150pF 50V J		R1215	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C5819	QETN1AM-227Z	E CAPACITOR	220uF 10V M		R1216	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C5820	QETN1AM-227Z	E CAPACITOR	220uF 10V M		R1217	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
C5830	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R1218	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C5912	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1219	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C5913	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1220	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C5914	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1222	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C5915	NCF21CZ-105X	C CAPACITOR	1uF 16V Z		R1223	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C5916	QETN1HM-106Z	E CAPACITOR	10uF 50V M		R1224	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C7005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		△ R1225	NRS016J-470X	MG RESISTOR	47Ω 1W J	
C7006	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		△ R1226	NRS016J-470X	MG RESISTOR	47Ω 1W J	
C7007	QETN1EM-226Z	E CAPACITOR	22uF 25V M		R1227	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1228	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7010	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R1229	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C7011	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R1231	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C7012	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R1232	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C7013	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R1233	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C7014	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		R1234	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
C7015	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		R1235	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C7016	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		R1236	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C7017	NDC31HJ-181X	C CAPACITOR	180pF 50V J		R1237	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
C7018	NDC31HJ-181X	C CAPACITOR	180pF 50V J		R1238	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C7019	NDC31HJ-181X	C CAPACITOR	180pF 50V J		R1242	NRSA02J-101X	MG RESISTOR	100Ω 1/10W J	
C7020	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M						

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R1243	NRSA02J-101X	MG RESISTOR	100Ω 1/10W J		R4006	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1301	NRSA63F-102X	MG RESISTOR	1kΩ 1/16W F		R4018	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1302	NRSA63F-102X	MG RESISTOR	1kΩ 1/16W F		R4019	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1303	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4020	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1304	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4021	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1308	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4022	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1309	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R4023	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1310	NRSA63J-242X	MG RESISTOR	2.4kΩ 1/16W J		R4024	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R1311	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R4026	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2006	NRSA63J-363X	MG RESISTOR	36kΩ 1/16W J		R4032	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2007	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J		R4033	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2008	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4034	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2009	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J		R4035	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2021	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R4036	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2022	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R4037	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
△ R2025	QRZ9051-4R7X	FUSI RESISTOR	4.7Ω		R4038	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2036	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R4039	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2037	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R4040	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2040	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R4041	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4042	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2042	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4043	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R2045	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		R4044	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2046	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R4045	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2047	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R4046	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2050	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4050	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2051	NRSA63J-302X	MG RESISTOR	3kΩ 1/16W J		R4051	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2052	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4052	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2070	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J		R4053	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2071	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R4054	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2073	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J		R4057	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2074	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R4058	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2095	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		R4059	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2612	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R4061	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2613	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R4062	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2614	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R4063	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2615	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R4064	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2616	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4065	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2617	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4066	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R2618	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4067	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3003	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J		R4068	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3004	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R4069	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3005	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J		R4070	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3006	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R4071	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3007	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R4072	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3008	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J		R4073	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3009	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J		R4074	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
△ R3010	QRK126J-271X	UNF C RESISTOR	270Ω 1/2W J		R4075	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3011	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R4077	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3012	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R4078	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3013	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R4079	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3014	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4080	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3015	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		R4084	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3016	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4090	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R3017	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	XA3UF
R3018	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4103	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3019	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4104	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
△ R3020	QRJ146J-221X	UNF C RESISTOR	220Ω 1/4W J		R4105	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
△ R3022	QRK126J-271X	UNF C RESISTOR	270Ω 1/2W J		R4106	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3023	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R4109	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3025	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R4148	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3027	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R4150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3029	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R4152	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R3031	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R4155	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3032	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R4156	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3033	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R4165	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3034	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R4166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4169	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3036	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R4171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4172	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4000	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R4175	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4002	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	XA3UF XA1B, XA1E, XA1E N,XA1 EV	R4176	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4002	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4201	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4003	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R4202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R4203	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R4005	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R4400	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
					R4402	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
					R4500	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
					R4502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R4600	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R5831	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R4601	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R5832	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R4602	NRSA63J-162X	MG RESISTOR	1.6kΩ 1/16W J		R5901	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R4604	NRSA63J-162X	MG RESISTOR	1.6kΩ 1/16W J		R5902	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R5171	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		R5911	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5172	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J		R5912	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R5173	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		R5913	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5174	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R5914	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R5175	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R5915	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R5176	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		R5916	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R5177	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R5917	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R5178	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J		R7006	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5179	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7007	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5271	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		R7008	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5272	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J		R7009	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5273	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		R7010	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5274	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R7011	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R5275	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R7021	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R5276	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		R7023	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R5277	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R7024	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R5278	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J		R7025	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R5279	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7027	NRSA63J-161X	MG RESISTOR	160Ω 1/16W J	
R5371	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		R7028	NRSA63J-241X	MG RESISTOR	240Ω 1/16W J	
R5372	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J		R7029	NRSA63J-161X	MG RESISTOR	160Ω 1/16W J	
R5373	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7030	NRSA63J-241X	MG RESISTOR	240Ω 1/16W J	
R5374	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L1101	QQLZ037-220	COIL	22uH	
R5375	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		L1102	QQLZ037-220	COIL	22uH	
R5376	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		L1181	QQR0797-002	COIL		
R5377	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		L1201	QQLZ037-220	COIL	22uH	
R5378	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L1202	QQLZ037-220	COIL	22uH	
R5392	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		L1281	QQR0797-002	COIL		
R5398	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		L2000	QQLZ003-1R0	COIL	1uH	
R5402	NRSA63J-OR0X	MG RESISTOR	0Ω 1/16W J		L2050	QQL50AK-221Z	COIL	220uH K	
R5405	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		L2095	QQL231K-4R7Y	INDUCTOR	4.7uH K	
R5406	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		L4001	QQL244K-100Z	COIL	10uH K	
R5407	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J		L7006	QQL25CK-221Z	COIL	220uH K	
R5501	NRSA63J-OR0X	MG RESISTOR	0Ω 1/16W J		CN200	QGA3901C1-04	CONNECTOR	W-B (1-4)	
R5505	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		CN201	QGB2024J1-18S	CONNECTOR	B-B (1-18)	
R5506	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		CN202	QGB2024J1-18S	CONNECTOR	B-B (1-18)	
R5507	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		CN208	QGF1040C1-05	CONNECTOR	FFC/FPC (1-5)	
R5601	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		CN210	QGF1040C1-05	CONNECTOR	FFC/FPC (1-5)	
R5610	QRE141J-471Y	C RESISTOR	470Ω 1/4W J		CN212	QGF1040F1-12	CONNECTOR	FFC/FPC (1-12)	
R5620	QRE141J-122Y	C RESISTOR	1.2kΩ 1/4W J		CN300	QGB2024K1-04S	CONNECTOR	B-B (1-4)	
R5650	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		CN301	QGB2024K1-06S	CONNECTOR	B-B (1-6)	
R5652	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		CN302	QGB2024K1-04S	CONNECTOR	B-B (1-4)	
R5653	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		CN310	QGB2024J1-04S	CONNECTOR	B-B (1-4)	
R5654	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		CN311	QGB2024J1-06S	CONNECTOR	B-B (1-6)	
R5660	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		CN312	QGB2024J1-04S	CONNECTOR	B-B (1-4)	
R5661	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		CN421	QGF1208F1-11	CONNECTOR	FFC/FPC (1-11)	XA3UF
R5662	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J						XA1B,
R5663	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J						XA1E,
R5664	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J						XA1E,
R5666	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J						N,XA1
R5668	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J						EV
R5670	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J						
R5710	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J		CN423	QGB2024K1-18S	CONNECTOR	B-B (1-18)	
R5711	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J		CN424	QGB2024K1-18S	CONNECTOR	B-B (1-18)	
R5720	NRSA63J-753X	MG RESISTOR	75kΩ 1/16W J		CN425	QGB1214J1-10S	CONNECTOR	B-B (1-10)	
R5721	NRSA63J-753X	MG RESISTOR	75kΩ 1/16W J		CN426	QGF1210G1-18	CONNECTOR	FFC/FPC (1-18)	
R5810	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		CN428	QGF1210G1-05	CONNECTOR	FFC/FPC (1-5)	
R5811	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		CN501	QGA2001C1-08	CONNECTOR	W-B (1-8)	
R5812	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		CN702	QGB1214K1-10S	CONNECTOR	B-B (1-10)	
R5813	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		CN703	QGF1040C1-25	CONNECTOR	FFC/FPC (1-25)	
R5814	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN705	QGF1040C1-12	CONNECTOR	FFC/FPC (1-12)	
R5815	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CP250	ICP-N25-T	IC PROTECTOR	1.0A	
R5817	QRE141J-101Y	C RESISTOR	100Ω 1/4W J		HS200	LV40057-002A	HEAT SINK		
R5819	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J		HS202	LV40057-002A	HEAT SINK		
R5820	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		HS250	GV40614-001A	HEAT SINK		
R5821	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		J701	QNN0790-001	PIN JACK		
R5822	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		J702	QNN0557-002	PIN JACK		
R5823	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		J3001	QNB0118-003	SPK TERMINAL		
R5824	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		J5000	QNN0788-001	PIN JACK		
R5825	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		J5001	QNN0793-001	PIN JACK		
R5826	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		K2083	NQR0389-003X	FERRITE BEADS		
R5827	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		K2084	QQR0621-001Z	COIL		
R5828	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		K2085	QQR0621-001Z	COIL		
R5829	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		K2086	QQR0621-001Z	COIL		
R5830	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		K2088	QQR0621-001Z	COIL		

△ Symbol No.	Part No.	Part Name	Description	Local
K2089	QQR0621-001Z	COIL		
K2095	NQR0007-002X	FERRITE BEADS		
K3001	NQR0389-003X	FERRITE BEADS		
K3002	NQR0389-003X	FERRITE BEADS		
K3003	NQR0389-003X	FERRITE BEADS		
K3004	NQR0389-003X	FERRITE BEADS		
K3005	NQR0389-003X	FERRITE BEADS		
K4001	QQR0621-001Z	COIL		
PP1	QZW0007-001	POST PIN		
X3001	QAX0734-001	C RESONATOR	400.00kHz	
X3002	QAX0735-001	C RESONATOR	420.00kHz	
X4100	QAX0912-001Z	CRYSTAL		

FL board

Block No. [0][2]

△ Symbol No.	Part No.	Part Name	Description	Local
IC617	NJL22H380A	IC		
Q6110	KRA102S-X	DIGI TRANSISTOR		
Q6110	or RT1P141C-X	DIGI TRANSISTOR		
Q6111	2SC3928A/QR/-X	TRANSISTOR		
D6110	SLI-343URC3F	LED		
D6113	SELU1E54CM-P	LED		
C6113	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6116	QERF1CM-476Z	E CAPACITOR	47uF 16V M	
C6120	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6121	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C6150	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6151	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6152	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6153	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C6154	QERF1HM-105Z	E CAPACITOR	1uF 50V M	
C6155	NCF21HZ-104X	C CAPACITOR	0.1uF 50V Z	
C6156	NCF21HZ-104X	C CAPACITOR	0.1uF 50V Z	
C6157	QERF1CM-107Z	E CAPACITOR	100uF 16V M	
C6158	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C6159	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C6160	QERF1HM-105Z	E CAPACITOR	1uF 50V M	
C6171	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	
C6172	QERF0JM-107Z	E CAPACITOR	100uF 6.3V M	
C6200	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6201	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6202	NCB20JK-155X	C CAPACITOR	1.5uF 6.3V K	
C6203	NCB20JK-155X	C CAPACITOR	1.5uF 6.3V K	
C6204	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6241	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C6242	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C6243	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C6244	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C6245	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
R6001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6002	NRSA63J-362X	MG RESISTOR	3.6kΩ 1/16W J	
R6003	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R6004	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6007	NRSA63J-362X	MG RESISTOR	3.6kΩ 1/16W J	
R6008	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
R6009	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R6010	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J	
R6012	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J	
R6110	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R6111	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R6113	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6116	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6150	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R6151	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R6170	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6200	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6241	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local
R6242	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R6243	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	
R6244	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	
CN610	QGF1208F-1-18	CONNECTOR	FFC/FPC (1-18)	
EP601	QNZ0136-001Z	EARTH PLATE		
EP603	QNZ0136-001Z	EARTH PLATE		
FL615	QLF0170-002	FL TUBE		
FW615	QUM023-07Z4Z4-E	WIRE		
FW621	WJK0241-001A-E	SOCKET		
J620	QNS0274-001	JACK		
J621	QNS0274-001	JACK		
JS612	QSW1130-001	ROTARY ENCODER		
K6200	NQR0389-003X	FERRITE BEADS		
K6201	NQR0389-003X	FERRITE BEADS		
K6202	NQR0389-003X	FERRITE BEADS		
S6000	QSW0825-001Z	TACT SW		
S6001	QSW0825-001Z	TACT SW		
S6002	QSW0825-001Z	TACT SW		
S6003	QSW0825-001Z	TACT SW		
S6005	QSW0825-001Z	TACT SW		
S6006	QSW0825-001Z	TACT SW		
S6007	QSW0825-001Z	TACT SW		
S6008	QSW0825-001Z	TACT SW		
S6009	QSW0825-001Z	TACT SW		
S6012	QSW0825-001Z	TACT SW		

DVD module board

Block No. [0][3]

△ Symbol No.	Part No.	Part Name	Description	Local
IC201	LA6502-X	IC		
IC301	MN2DS0009AA	IC		
IC302	MM1701CH-X	IC		
IC305	MM1563BF-X	IC	3.1V Regulator	
IC453	S-80827CNNB-G-W	IC		
IC505	K4S641632H-UC75	IC		
IC505	or HY57V641620ETP7	IC(DIGITAL)		
IC509	-----	IC(MICRO C ROM)		
IC509	or -----	IC(MICRO C ROM)		
IC510	BR24L16FV-W-X	IC		
IC701	AK4384VT-X	IC		
IC701	or AK4384ET-X	IC		
IC705	MM1615AN-X	IC		
Q101	KTA1001/Y/-X	TRANSISTOR		
Q101	or 2SB1424/R/-W	TRANSISTOR		
Q102	2SC4617/R/-X	TRANSISTOR		
Q103	KTA1001/Y/-X	TRANSISTOR		
Q103	or 2SB1424/R/-W	TRANSISTOR		
Q104	2SC4617/R/-X	TRANSISTOR		
Q105	UN2119-X	TRANSISTOR		
Q105	or KRA116S-X	TRANSISTOR		
C101	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C102	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C103	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C104	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C105	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C106	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C107	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C108	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
C201	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C202	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C204	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C205	NCB31HK-271X	C CAPACITOR	270pF 50V K	
C206	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C210	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C211	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C217	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C251	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C256	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C257	NCB31HK-822X	C CAPACITOR	8200pF 50V K		C701	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C258	NCB31CK-153X	C CAPACITOR	0.015uF 16V K		C704	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C259	NCB31CK-153X	C CAPACITOR	0.015uF 16V K		C706	NEAF1CM-106X	E CAPACITOR	10uF 16V M	
C260	NCB31HK-223X	C CAPACITOR	0.022uF 50V K		C707	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z	
C261	NCB31HK-223X	C CAPACITOR	0.022uF 50V K		C711	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C262	NCB31HK-223X	C CAPACITOR	0.022uF 50V K		C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C263	NEAF1CM-107X	E CAPACITOR	100uF 16V M		C713	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C300	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		C740	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C301	NEAF0GM-227X	E CAPACITOR	220uF 4V M						
C302	NEAF0GM-476X	E CAPACITOR	47uF 4V M		R101	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C303	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M		R102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C304	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R103	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C305	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R104	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
C306	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R105	NRS181J-180X	MG RESISTOR	18Ω 1/8W J	
C307	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R106	NRSA63J-2R2X	MG RESISTOR	2.2Ω 1/16W J	
C308	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R107	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C309	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R108	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C310	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R109	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C312	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R111	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C313	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R112	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
C314	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R113	NRS181J-180X	MG RESISTOR	18Ω 1/8W J	
C315	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R114	NRSA63J-2R2X	MG RESISTOR	2.2Ω 1/16W J	
C316	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R115	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C318	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R116	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C319	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R117	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R125	NRSA63J-1R0X	MG RESISTOR	1Ω 1/16W J	
C321	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R126	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C322	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R127	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J	
C323	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R128	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C324	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R201	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C325	NDC31HJ-120X	C CAPACITOR	12pF 50V J		R202	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C326	NDC31HJ-100X	C CAPACITOR	10pF 50V J		R204	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
C328	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R205	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
C329	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R206	NRSA63J-303X	MG RESISTOR	30kΩ 1/16W J	
C330	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R207	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C331	NCB31CK-333X	C CAPACITOR	0.033uF 16V K		R213	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C332	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C333	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R219	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
C334	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R220	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J	
C335	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R221	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C337	NCB31CK-183X	C CAPACITOR	0.018uF 16V K		R251	NRS125J-R39X	MG RESISTOR	0.39Ω 1/2W J	
C338	NCB31HK-562X	C CAPACITOR	5600pF 50V K		R259	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C339	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		R303	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
C340	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R306	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C341	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R307	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C347	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R308	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C348	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R309	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C349	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C350	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R316	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C351	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R319	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C352	NCB31CK-153X	C CAPACITOR	0.015uF 16V K		R324	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C353	NCB31HK-561X	C CAPACITOR	560pF 50V K		R325	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C354	NCB31HK-561X	C CAPACITOR	560pF 50V K		R326	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C356	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R327	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C359	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R334	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C371	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		R335	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C372	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R336	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C375	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R337	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C376	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C377	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R339	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C379	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R340	NRSA63D-303X	MG RESISTOR	30kΩ 1/16W D	
C380	NCB21CK-105X	C CAPACITOR	1uF 16V K		R341	NRSA63D-512X	MG RESISTOR	5.1kΩ 1/16W D	
C381	NCB21AK-225X	C CAPACITOR	2.2uF 10V K		R342	NRSA63D-242X	MG RESISTOR	2.4kΩ 1/16W D	
C382	NCB31HK-471X	C CAPACITOR	470pF 50V K		R345	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C383	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R346	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C386	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R347	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	
C393	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R348	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C455	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R349	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C551	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R350	NRSA63J-751X	MG RESISTOR	750Ω 1/16W J	
C554	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R351	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
C555	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R352	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C557	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R353	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C558	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M		R357	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C559	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R358	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C560	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R362	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C562	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		R367	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C563	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R372	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C564	NCF31EZ-104X	C CAPACITOR	0.1uF 25V Z		R373	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

Symbol No.	Part No.	Part Name	Description	Local
R374	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R375	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R376	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R377	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R383	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R384	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R385	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R392	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R393	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R394	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R458	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R535	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R541	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R701	NRSA63J-2R2X	MG RESISTOR	2.2Ω 1/16W J	
R718	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R721	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R722	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R723	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R730	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R731	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R732	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
CN101	QGF0523F3-25W	CONNECTOR	FFC/FPC (1-25)	
CN201	QGF1016F8-08W	CONNECTOR	FFC/FPC (1-8)	
CN701	QGF1016F8-25W	CONNECTOR	FFC/FPC (1-25)	
CN712	QGF1016F8-05W	CONNECTOR	FFC/FPC (1-5)	
K351	NQR0502-001X	FERRITE BEADS		
K352	NQR0502-001X	FERRITE BEADS		
K501	NQR0502-001X	FERRITE BEADS		
K701	NQR0022-002X	FERRITE BEADS		
K702	NQR0022-002X	FERRITE BEADS		
K703	NQR0022-002X	FERRITE BEADS		
K704	NQR0022-002X	FERRITE BEADS		
K705	NQR0022-002X	FERRITE BEADS		
K706	NQR0022-005X	FERRITE BEADS		
K707	NQR0022-002X	FERRITE BEADS		
K708	NQR0022-002X	FERRITE BEADS		
K709	NQR0022-002X	FERRITE BEADS		
K710	NQR0022-002X	FERRITE BEADS		
K711	NQR0022-002X	FERRITE BEADS		
K720	NQR0022-002X	FERRITE BEADS		
K721	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
K722	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
TH301	NAD0025-103X	N THERMISTOR	10kΩ	
X301	NAX0741-001X	CRYSTAL		

DVD loading switch board

Block No. [0][4]

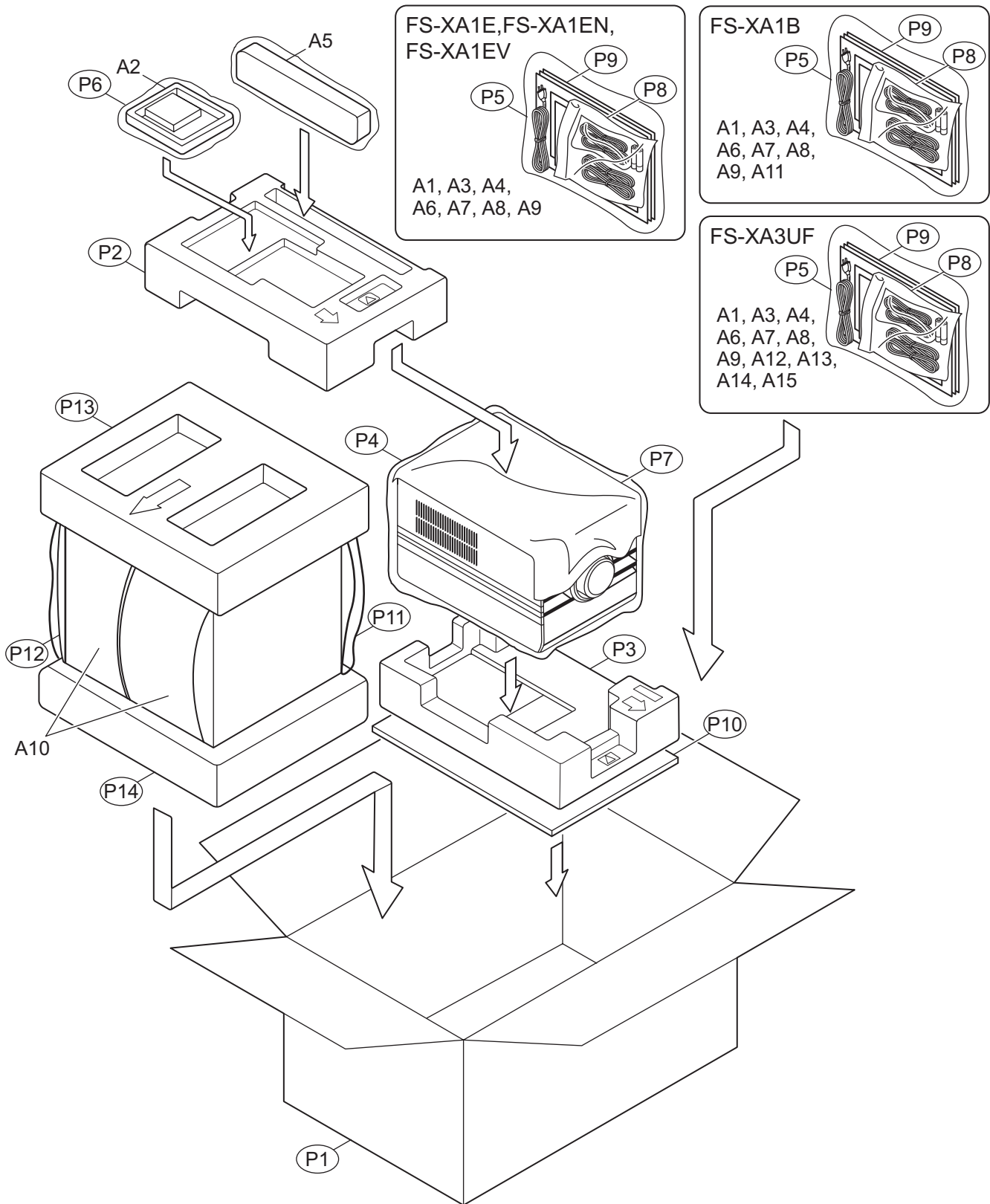
Symbol No.	Part No.	Part Name	Description	Local
CN1 S1	QGF1016F3-05 QSW1074-001	CONNECTOR DETECT SWITCH	FFC/FPC (1-5)	

<MEMO>

Packing materials and accessories parts list

Block No. **M 3 M M**

No additional / supplemental order of WARRANTY CARDS are available.



Packing and Accessories

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

△	Symbol No.	Part No.	Part Name	Description	Local
	A 1	GNT0067-006A	INST BOOK	CHI(PEKIN)	XA3UF
	A 1	GNT0067-001A	INST BOOK	ENG	XA1B
	A 1	GNT0067-002A	INST BOOK	GER FRE DUT ITA	XA1E
	A 1	GNT0067-003A	INST BOOK	SPA POR SWE FIN DAN	XA1EN
	A 1	GNT0067-004A	INST BOOK	POL HUN CZE	XA1EV
	A 2	QAL0014-003	AM LOOP ANT		
	A 3	QAL0457-001	ANT.WIRE		
	A 4	-----	WARRANTY CARD	BT-59019-1	XA3UF
	A 4	-----	WARRANTY CARD	BT-54028-1	XA1B,XA1E,XA1EN,XA1EV
	A 5	RM-SFSXA1A	REMOCON		XA3UF
	A 5	RM-SFSXA1R	REMOCON		XA1B,XA1E,XA1EN,XA1EV
	A 6	-----	BATTERY	1.5V(x2)	
△	A 7	QMPS230-183-JC	POWER CORD(EU)	1.83m BLACK	XA3UF
△	A 7	QMPP060-183-JD	POWER CORD(EU)	1.83m BLACK	XA1B
△	A 7	QMPL060-183-JD	POWER CORD(EU)	1.83m BLACK	XA1E,XA1EN,XA1EV
	A 8	QAM0530-001	SPEAKER CORD		
	A 9	QAM0216-001	SIGNAL CORD		
	A 10	SPFSXA3U-SPBOX	SPEAKER BOX	(x2)	XA3UF
	A 10	SPFSXA1E-SPBOX	SPEAKER BOX	(x2)	XA1B,XA1E,XA1EN,XA1EV
	A 11	VNA3000-204	REGIST CARD		XA1B
	A 12	BT-59020-1	HOLOGRAM SEAL		XA3UF
	A 13	BT-59021-6C	SVC CENTER LIST		XA3UF
	A 14	E310162-001	CERTIFICATE TAG		XA3UF
	A 15	GN30020-004A	SURVEY CARD		XA3UF
	P 1	GN10108-002A	PACKING CASE		XA3UF
	P 1	GN10094-014A	PACKING CASE		XA1B,XA1E,XA1EN,XA1EV
	P 2	GN10095-001A	CUSHION TOP		
	P 3	GN10096-001A	CUSHION BOTTOM		
	P 4	QPC04504515P	POLY BAG	45cm x 45cm	
	P 5	QPC02503515P	POLY BAG	25cm x 35cm	
	P 6	QPA01702503P	POLY BAG	17cm x 25cm	
	P 7	GV40437-004A	CLOTH		
	P 8	QPC01401830	POLY BAG	14cm x 18cm	
	P 9	GV40237-209A	CARTON SPACER		
	P 10	GN40122-001A	UF CARTON SPACE		XA3UF
	P 11	8500061681	POLY BAG	(x2)	XA3UF
	P 11	8500051931	POLY BAG	(x2)	XA1B,XA1E,XA1EN,XA1EV
	P 12	8500060051	NONWOVENS SHEET	(x2)	XA3UF
	P 12	8500048041	MIRROR MAT	(x2)	XA1B,XA1E,XA1EN,XA1EV
	P 13	LV22391-001A	TOP CUSHION		XA3UF
	P 13	LV21976-001A	TOP CUSHION		XA1B,XA1E,XA1EN,XA1EV
	P 14	LV22391-002A	BOTTOM CUSHION		XA3UF
	P 14	LV21976-002A	BOTTOM CUSHION		XA1B,XA1E,XA1EN,XA1EV