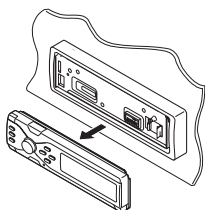


JVC

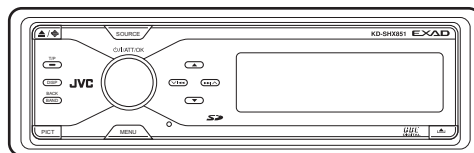
SERVICE MANUAL

CD / SD RECEIVER

KD-SHX851



EXAD



Area suffix

E ----- Southern Europe
EX ----- Northern Europe
EY ----- Eastern Europe
EU ----- Turkey



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

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SPECIFICATION


AUDIO AMPLIFIER SECTION		
Maximum Power Output	Front	70 W per channel
	Rear	70 W per channel
Continuous Power Output (RMS)	Front	35 W per channel into 4 Ω , 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion.
	Rear	35 W per channel into 4 Ω , 40 Hz to 20 000 Hz at no more than 0.8% total harmonic distortion.
Load Impedance		4 Ω (4 Ω to 8 Ω allowance)
Equalizer Control Range	Frequencies : Graphic EQ	63 Hz, 125 Hz, 250 Hz, 500 Hz, 1 kHz, 2 kHz, 4 kHz, 8 kHz, 12.5 kHz (9 bands)
	Frequencies : Parametric EQ	3 bands (Band 1/2/3) 20 Hz, 25 Hz, 31.5 Hz, 40 Hz, 50 Hz, 63 Hz, 80 Hz, 100 Hz, 125 Hz, 160 Hz, 200 Hz, 250 Hz, 315 Hz, 400 Hz, 500 Hz, 630 Hz, 800 Hz, 1 kHz, 1.2 kHz, 1.6 kHz, 2 kHz, 2.5 kHz, 3.2 kHz, 4 kHz, 5 kHz, 6.3 kHz, 8 kHz, 10 kHz, 12.5 kHz, 16 kHz, 20 kHz (31 frequencies)
	Level	± 10 dB
Frequency Response		40 Hz to 20 000 Hz
Signal-to-Noise Ratio		70 dB
Line-In Level/Impedance	LINE IN	1.5 V/20 k Ω load
Line-Out Level/Impedance	LINE OUT	5.0 V/20 k Ω load (full scale)
Output Impedance		1 k Ω
Power Supply Unit		DC/DC converter
Other Terminals	SUBWOOFER OUT	Changer control, Steering wheel remote input
TUNER SECTION		
Frequency Range	FM	87.5 MHz to 108.0 MHz
	AM	(MW) 522 kHz to 1 620 kHz (LW) 144 kHz to 279 kHz
FM Tuner	Usable Sensitivity	11.3 dBf (1.0 μ V/75 Ω)
	50 dB Quieting Sensitivity	16.3 dBf (1.8 μ V/75 Ω)
	Alternate Channel Selectivity (400 kHz)	65 dB
	Frequency Response	40 Hz to 15 000 Hz
	Stereo Separation	35 dB
	Capture Ratio	1.5 dB
MW Tuner	Sensitivity	20 μ V
	Selectivity	65 dB
LW Tuner	Sensitivity	50 μ V
CD/SD PLAYER SECTION		
Type		Compact disc player
Signal Detection System		Non-contact optical pickup (semiconductor laser)
Number of Channels		2 channels (stereo)
Frequency Response		5 Hz to 20 000 Hz
Dynamic Range		98 dB
Signal-to-Noise Ratio		102 dB
Wow and Flutter		Less than measurable limit
MP3 (MPEG Audio Layer 3)	Max. Bit Rate	320 kbps
WMA (Windows Media Audio)	Max. Bit Rate	192 kbps
Playable SD Card	Format	FAT 12/16
	Storage	Up to 512 MB
Playable Audio Format for SD Card		MP3/WMA
GENERAL		
Power Requirement	Operating Voltage	DC 14.4 V (11 V to 16 V allowance)
Grounding System		Negative ground
Allowable Operating Temperature		0°C to +40°C
Dimensions (W \times H \times D)	Installation Size (approx.)	182 mm \times 52 mm \times 159 mm
	Panel Size (approx.)	188 mm \times 58 mm \times 13 mm
Mass (approx.)		1.7 kg (excluding accessories)

- Design and specifications are subject to change without notice.
- Microsoft and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- SD logo is a trademark.

SECTION 1 PRECAUTIONS

1.1 Safety Precautions

 **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 performing repair of this system.

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

1.2 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.

1.2.1 Grounding to prevent damage by static electricity

Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as CD players.

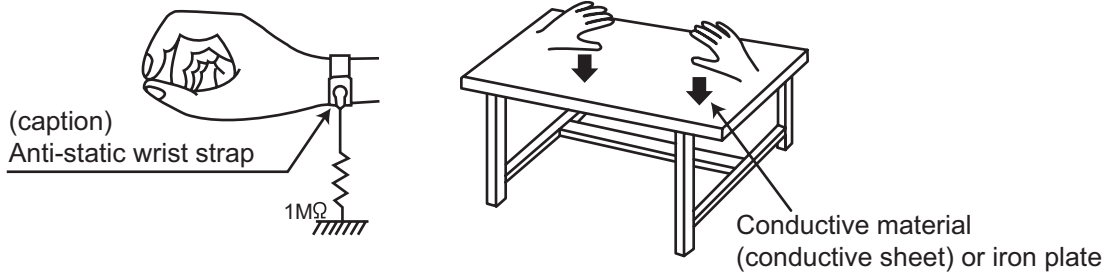
Be careful to use proper grounding in the area where repairs are being performed.

(1) Ground the workbench

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

(2) Ground yourself

Use an anti-static wrist strap to release any static electricity built up in your body.



(3) Handling the optical pickup

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

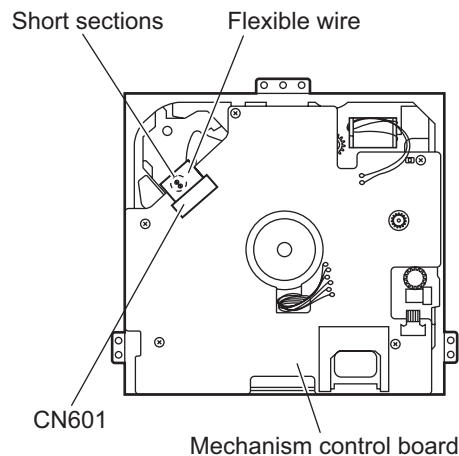
1.3 Handling the traverse unit (optical pickup)

- (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.

1.4 Attention when traverse unit is decomposed

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

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



1.5 Important for laser products

1.CLASS 1 LASER PRODUCT


2.DANGER : Invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.

3.CAUTION : There are no serviceable parts inside the Laser Unit. Do not disassemble the Laser Unit. Replace the complete Laser Unit if it malfunctions.

4.CAUTION : The CD,MD and DVD player uses invisible laser radiation and is equipped with safety switches which prevent emission of radiation when the drawer is open and the safety interlocks have failed or are defeated. It is dangerous to defeat the safety switches.

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

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

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

CAUTION : Visible and invisible laser radiation when open and interlock failed or defeated.
AVOID DIRECT EXPOSURE TO BEAM.

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

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

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

REPRODUCTION AND POSITION OF LABELS

WARNING LABEL

CLASS 1
LASER PRODUCT

CAUTION : Visible and invisible laser radiation when open and interlock failed or defeated. AVOID DIRECT EXPOSURE TO BEAM. (e)

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

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

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

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 front panel assembly (See Fig.1)

- (1) Push the detach button in the lower right part of the front panel assembly.
- (2) Remove the front panel assembly.

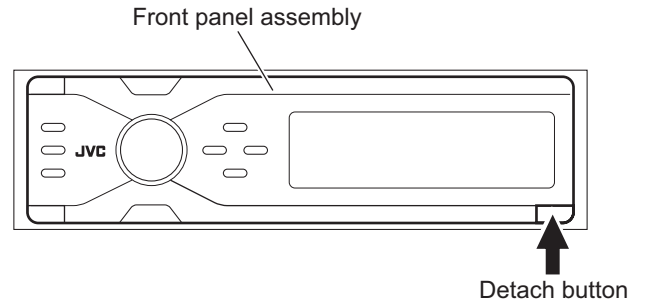


Fig.1

3.1.2 Removing the heat sink (See Fig.2)

Reference:

- Remove the front panel assembly as required.
- (1) From the left side of the main body, remove the two screws **A** and three screws **B** attaching the heat sink.
 - (2) Remove the heat sink from the main body.

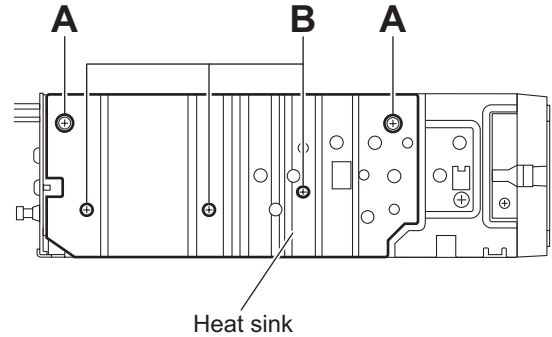


Fig.2

3.1.3 Removing the top chassis assembly (See Figs.3 to 6)

- Prior to performing the following procedures, remove the heat sink.

Reference:

Remove the front panel assembly as required.

- (1) From the bottom side of the main body, remove the two screws **C** attaching the top chassis assembly to the bottom chassis assembly. (See Fig.3)
- (2) From the both and rear sides of the main body, remove the five screws **D** attaching the top chassis assembly to the bottom chassis assembly. (See Figs.4 to 6)
- (3) Lift the top chassis assembly in the direction of the arrow, disconnect the connector **CN503** on the mechanism control board from the connector **CN721** on the main board. (See Figs.4 to 6)
- (4) Take out the top chassis assembly from the bottom chassis assembly.

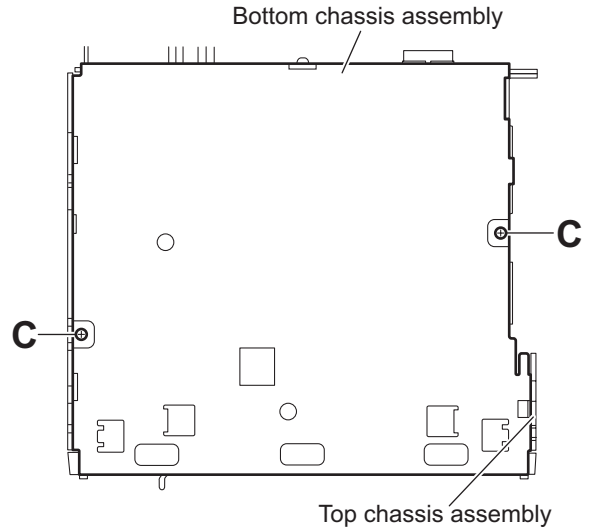


Fig.3

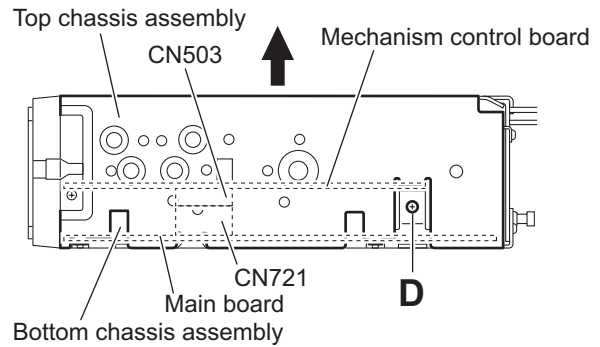


Fig.4

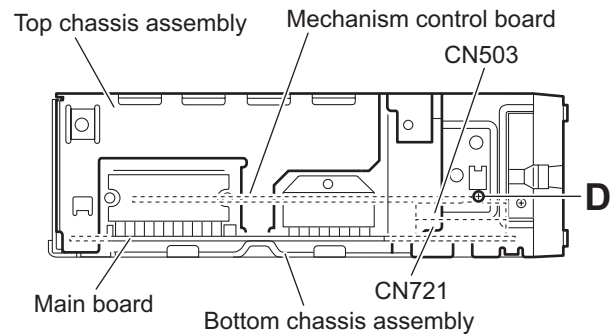


Fig.5

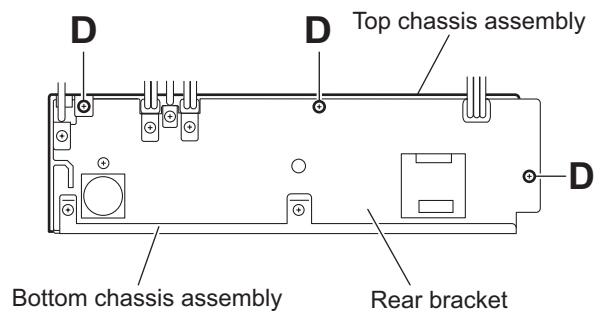


Fig.6

**3.1.4 Removing the front chassis assembly
(See Figs.7 and 8)**

- Prior to performing the following procedure, remove the front panel assembly, heat sink and top chassis assembly.
 - (1) From the both sides of the top chassis assembly, remove the two screws **E** attaching the front chassis assembly.
 - (2) Remove the front chassis assembly from the top chassis assembly.

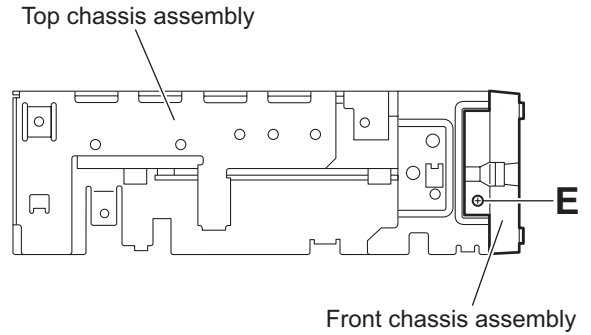


Fig.7

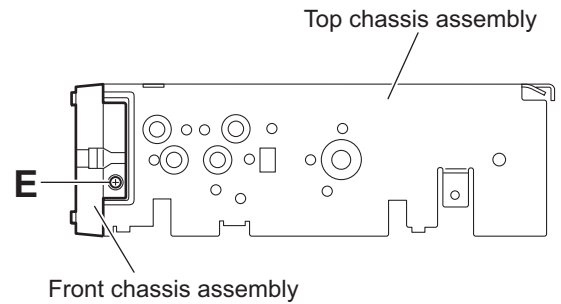


Fig.8

**3.1.5 Removing the CD mechanism assembly
(See Fig.9)**

- Prior to performing the following procedures, remove the front panel assembly, heat sink and top chassis assembly.

Reference:

Remove the front chassis assembly as required.

- (1) From the inside of the top chassis assembly, remove the three screws **F** attaching the CD mechanism assembly.
- (2) Release the mecha heat sink from the slots **a** on the mechanism control board and remove the mecha heat sink from the main body.
- (3) Take out the CD mechanism assembly from the top chassis.

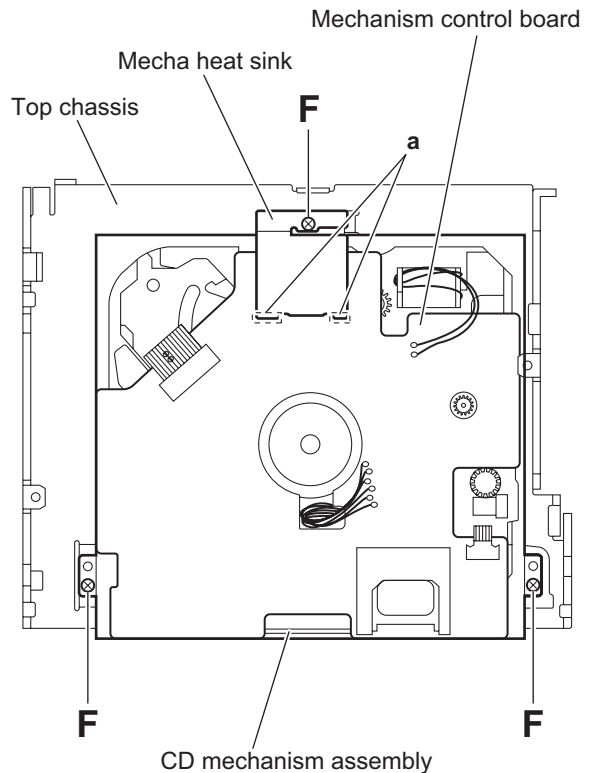


Fig.9

3.1.6 Removing the main board (See Figs.10 and 11)

- Prior to performing the following procedures, remove the front panel assembly, heat sink and top chassis assembly.
 - (1) From the rear side of the bottom chassis assembly, remove the two screws **G** attaching the rear bracket to the bottom chassis assembly. (See Fig.10)
 - (2) From the top side of the bottom chassis assembly, remove the two screws **H** attaching the main board to the bottom chassis assembly. (See Fig.11)
 - (3) Release the stopper of the connector **CN701** on the main board in an upward direction, disconnect the card wire from the connector **CN701**. (See Fig.11)
 - (4) Disconnect the wire from the connector of the front door mechanism assembly. (See Fig.11)
 - (5) Disconnect the wire from the connector **CN911** on the main board. (See Fig.11)

Reference:

After connecting the wires, fix the wires with the wire holders.

- (6) Take out the main board from the bottom chassis assembly.

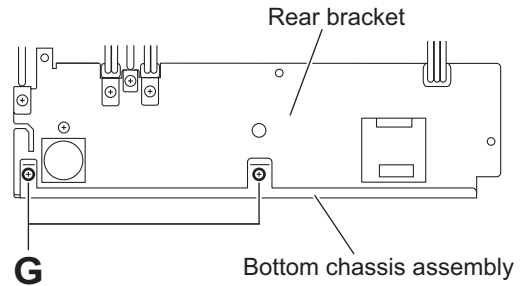


Fig.10

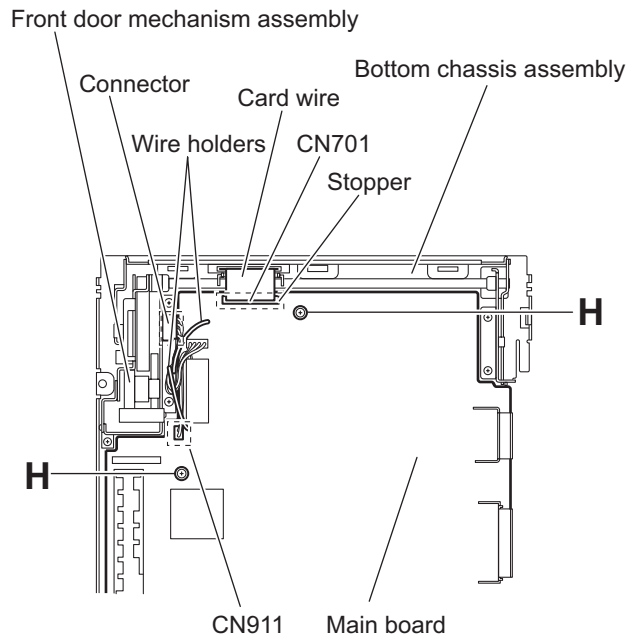


Fig.11

3.1.7 Removing the rear bracket (See Fig.12)

- Prior to performing the following procedures, remove the front panel assembly, heat sink, top chassis assembly and main board.
 - (1) Remove the two screws **J** and three screws **K** attaching the wires to the rear bracket.
 - (2) Remove two screws **M** attaching the wire bracket to the rear bracket.
 - (3) From the rear side of the main board, remove the wires from the rear bracket in the direction of the arrow.

Reference:

After attaching the rear bracket to the main board, pass the wires through the wire bracket and insert them into the slots of the rear bracket.

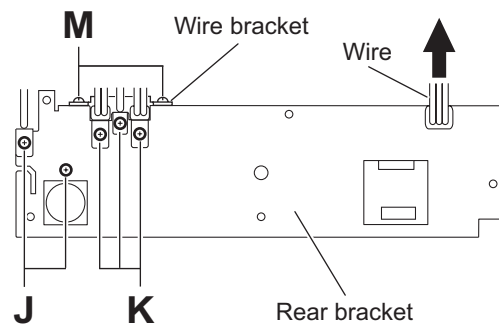


Fig.12

3.1.8 Removing the front door mechanism assembly (See Fig.13)

- Prior to performing the following procedures, remove the front panel assembly, heat sink, top chassis assembly and main board.

- (1) From the top side of the bottom chassis assembly, remove the screw **N** attaching the FPC guide to the bottom chassis.
- (2) Remove the five screws **P** attaching the front door mechanism assembly to the bottom chassis.

Reference:

When attaching the screws **N** and **P**, apply a locking agent them.

- (3) Take out the front door mechanism assembly from the bottom chassis.

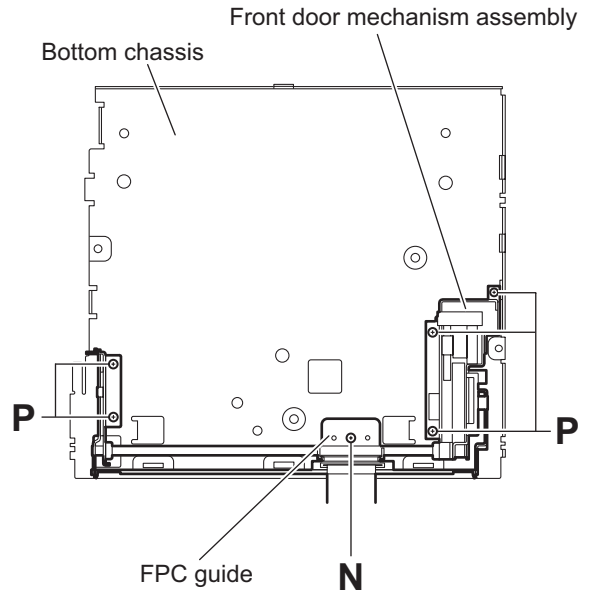


Fig.13

3.1.9 Removing the switch board (See Figs.14 to 16)

- Prior to performing the following procedures, remove the front panel assembly.

- (1) From the rear side of the front panel assembly, remove the six screws **Q** attaching the rear cover to the front panel assembly. (See Fig.14)
- (2) Release the two joints **b** of the front panel assembly and remove the rear cover. (See Fig.15.)
- (3) Take out the switch board from the front panel assembly. (See Fig.16)

Note:

When removing the rear cover assembly and switch board, be careful not to lose the spring.

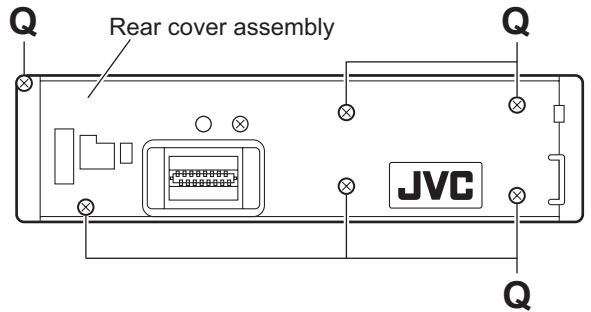


Fig.14

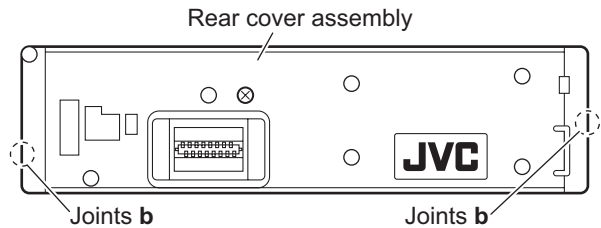


Fig.15

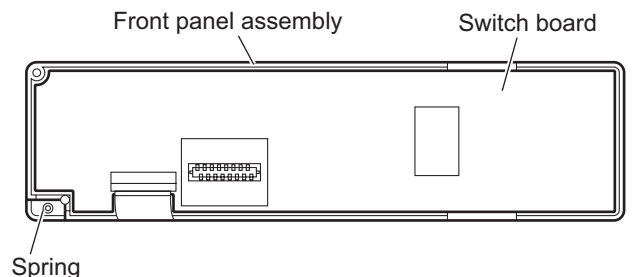


Fig.16

3.2 CD mechanism assembly section

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

3.2.1 Removing the mechanism control board (See Fig.1)

- (1) From the bottom side of the CD mechanism assembly, solder the short sections on the flexible wire.

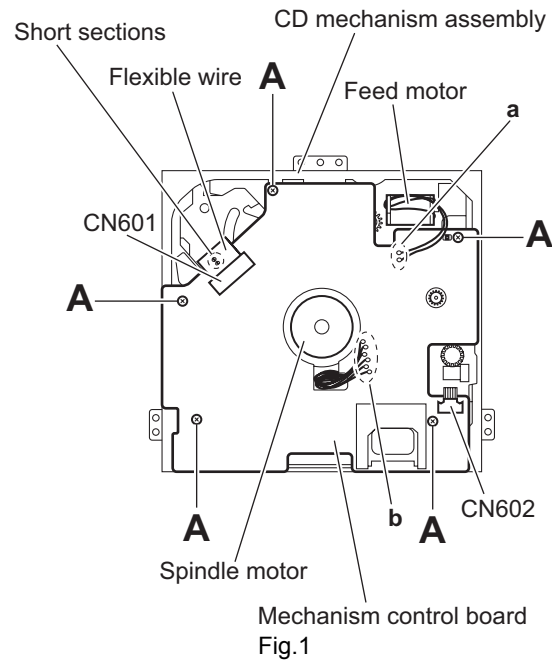
Caution:

Solder the short sections on the flexible wire before disconnecting the flexible wire from the connector [CN601](#) on the mechanism control board. If you do not follow this instruction, the CD pickup may be damaged.

- (2) Disconnect the flexible wire from the connector [CN601](#) on the mechanism control board.
- (3) Disconnect the flexible wire from the connector [CN602](#) on the mechanism control board.
- (4) Remove the solders from the soldered sections **a** on the mechanism control board and remove the wires of the feed motor.
- (5) Remove the solders from the soldered sections **b** on the mechanism control board, and remove each wire of the spindle motor and other parts.
- (6) Remove the five screws **A** attaching the mechanism control board.

Caution:

When reassembling, remove the solders from the short sections after connecting the flexible wire to the connector [CN601](#) on the mechanism control board.



3.2.2 Removing the top cover

(See Fig.2)

- (1) From the back side of the CD mechanism assembly, remove the two screws **B** attaching the top cover.
- (2) Take out the top cover in an upward direction.

Reference:

When attaching the top cover, set the sections **c** of the top cover under the bending sections **d** of the chassis base 2.

3.2.3 Removing the mechanism section

(See Figs.2 to 4)

- Remove the mechanism control board and top cover.
 - (1) From the front side of the CD mechanism assembly, remove the two screws **C** attaching the right and left stoppers. (See Fig.2.)
 - (2) Remove the two floating springs on the bottom side of the CD mechanism assembly. (See Fig.3.)
 - (3) Take out the mechanism section in an upward direction and remove the three damper springs from the dampers. (See Fig.4.)

Caution:

- When reassembling the mechanism section, reattach the damper springs to the dampers respectively and insert the three shafts on the bottom of the mechanism section to the dampers. (See Fig.4.)
- Before inserting the shaft to the dampers, apply IPA to the hole of damper.

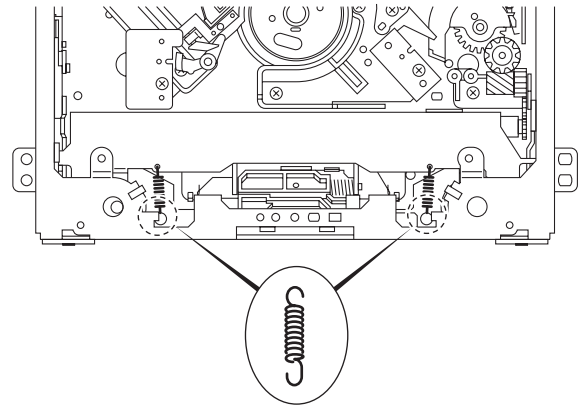
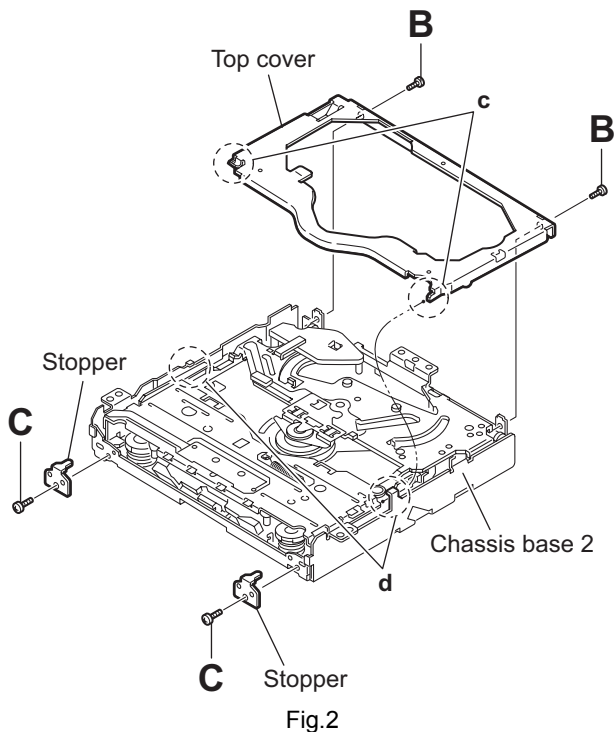
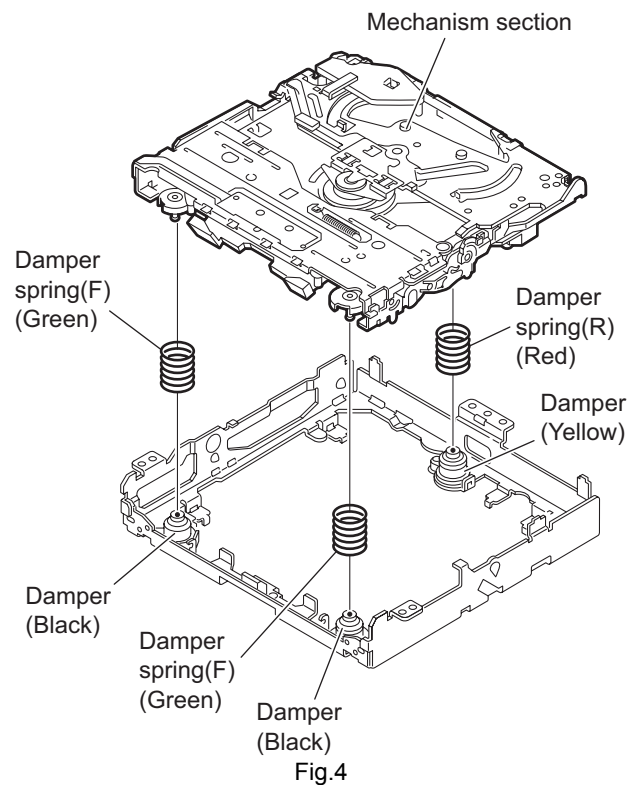


Fig.3



3.2.4 Removing the clamper unit (See Figs.5 and 6)

- Remove the mechanism control board, top cover and mechanism section.
 - From the bottom side of the mechanism section, remove the clamper 2 spring. (See Fig.5.)
 - Release section **e** of the clamper spring from the bending section of the CD chassis assembly. (See Fig.6.)
 - Move the clamper unit 2 in the direction of the arrow and release the joints (**f**, **g**). (See Fig.5.)
 - Take out the clamper unit 2 in an upward direction. (See Fig.5.)

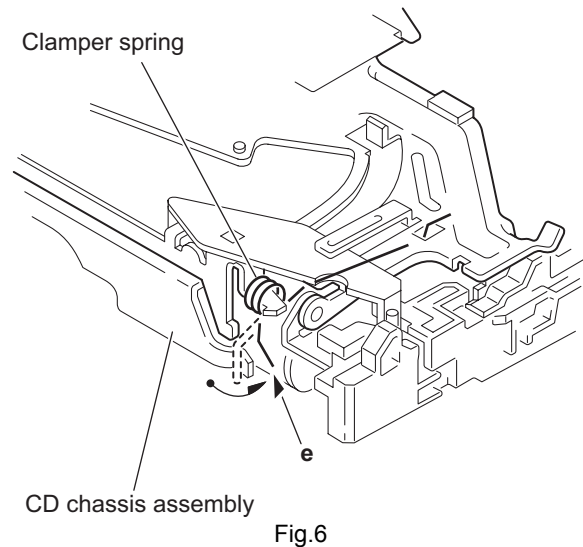
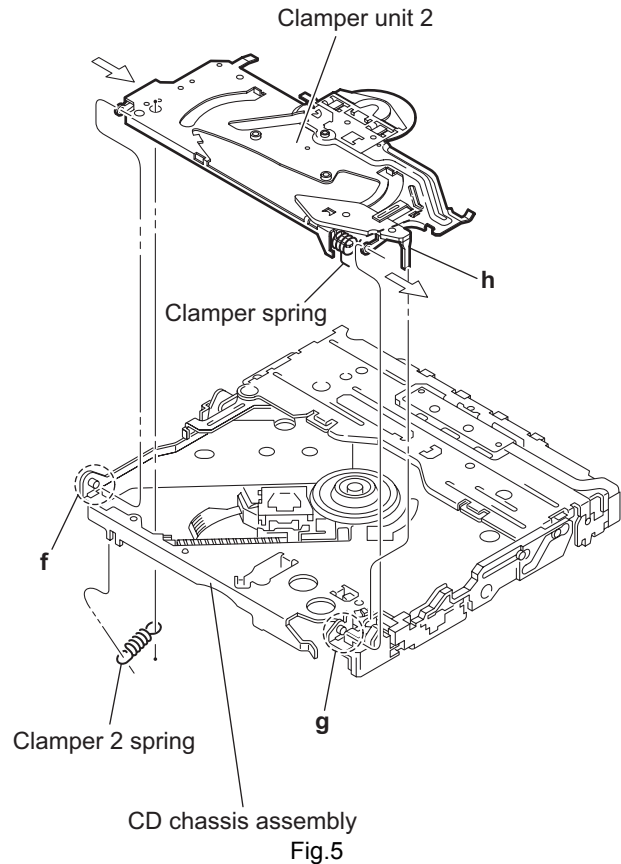
3.2.5 Reattaching the clamper unit (See Figs.5 to 9)

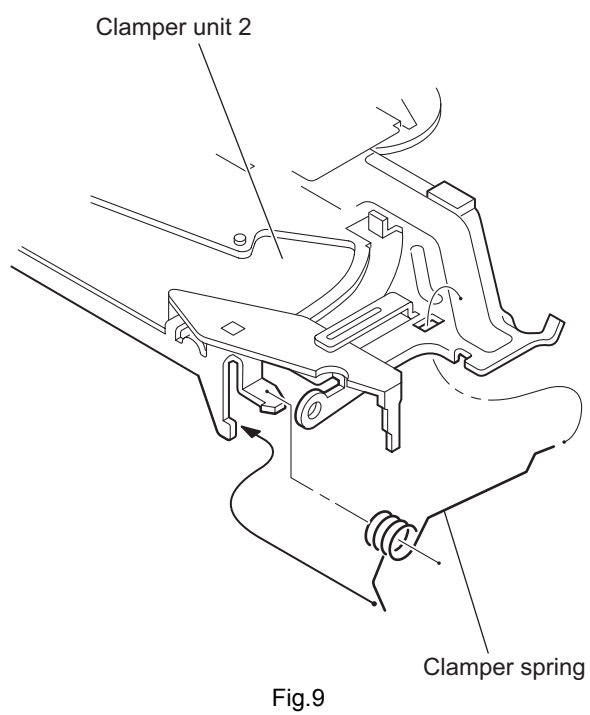
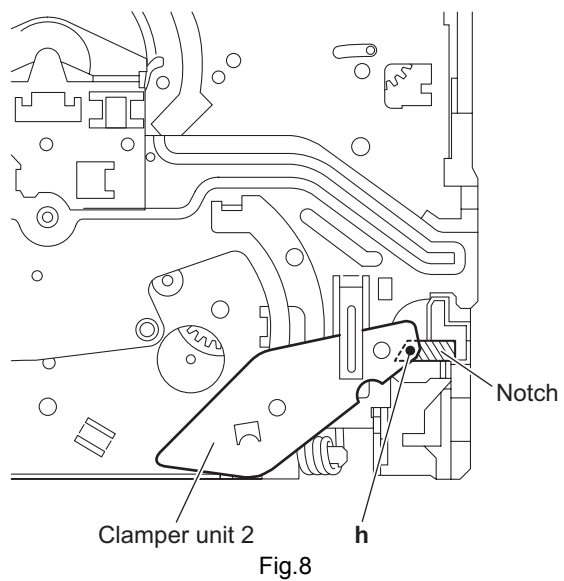
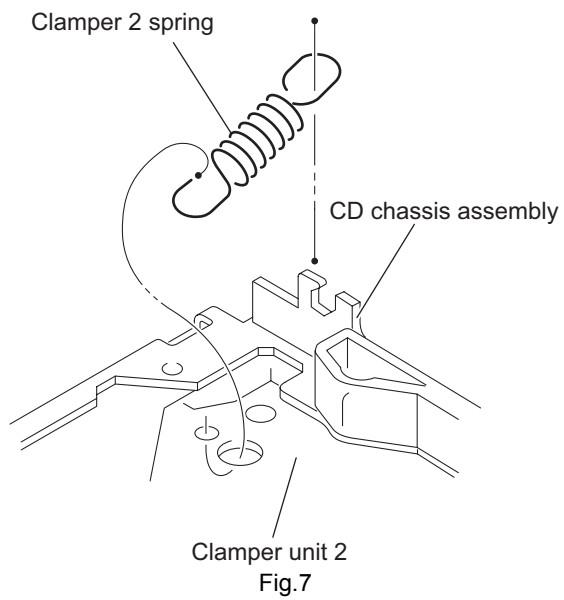
- From the bottom side of the mechanism section, attach the clamper spring to the clamper unit 2. (See Figs.5 and 9.)
- Move the clamper unit 2 to set the joints (**f**, **g**) to each projection of the CD chassis assembly. (See Fig.5.)
- Make sure that section **h** of the clamper unit 2 is inserted to the notch of the CD chassis assembly. (See Figs.5 and 8.)
- Move the clamper spring to the outside of the bending part of the CD chassis assembly. (See Fig.6.)

Caution:

When reattaching the clamper unit 2, temporarily hook the end of the clamper spring as shown in the figure to make the work easy. (See Fig.9.)

- Attach the clamper 2 spring to the CD chassis assembly and clamper unit 2. (See Figs.5 and 7.)





3.2.6 Removing the front unit (See Figs10 to 12)

- Remove the mechanism control board, top cover and mechanism section.
 - (1) From the bottom side of the mechanism section, remove the double-stick tape fixing the flexible wire. (See Fig.10.)
 - (2) From the top side of the mechanism section, remove the screw **D** attaching the front unit 2. (See Figs.11 and 12.)
 - (3) Move the front unit 2 toward the front to release the joint **i**. (See Figs.11 and 12.)
 - (4) Release two joints **j** and **k** on the right side of the CD chassis assembly. (See Fig.12.)
 - (5) Take out the front unit 2 in an upward direction.
 - (6) Remove the double-stick tape fixing the flexible wire and remove the two screws **E** attaching the switch wire. (See Fig.12.)

Reference:

You can remove the switch wire only without removing the front unit 2.

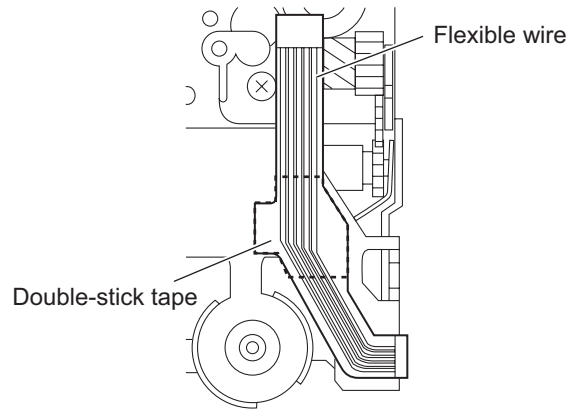


Fig.10

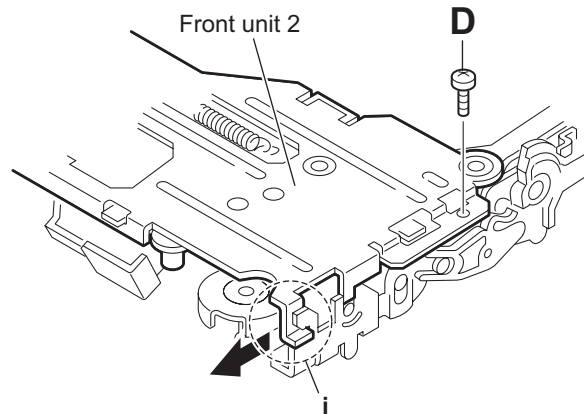


Fig.11

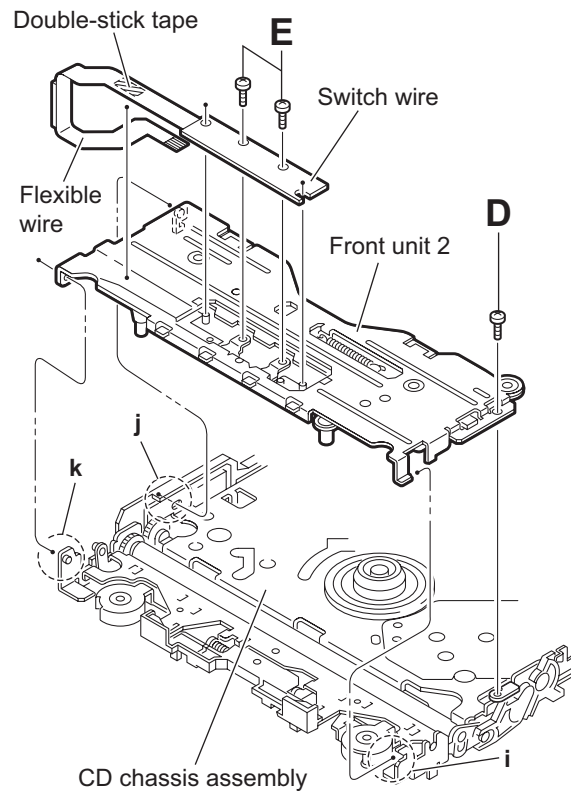
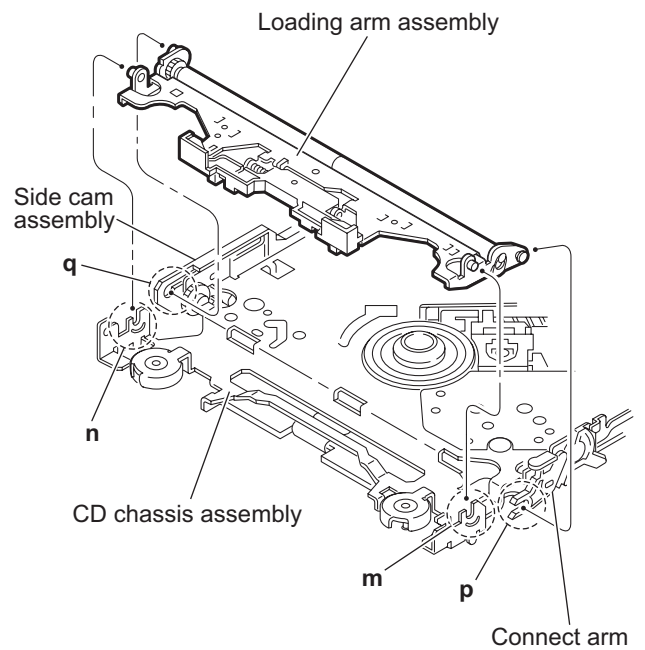
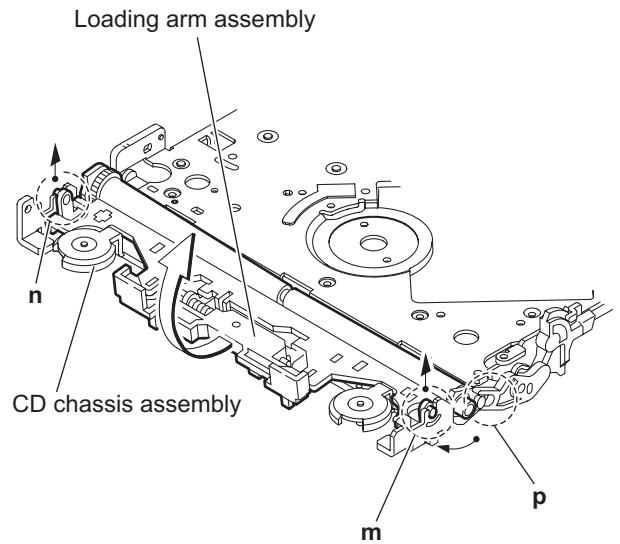


Fig.12

3.2.7 Removing the loading arm assembly (See Figs.13 and 14)

- Remove the mechanism control board, top cover, mechanism section and front unit 2.
 - From top side of the mechanism section, move the loading arm assembly in the direction of the arrow. (See Fig.13.)
 - Release the projections from the right and left joints (**m**, **n**) of the CD chassis assembly. (See Figs.13 and 14.)
 - Release the projection from notch **p** of the connect arm on the right side of the mechanism section and release the projection from notch **q** of the slide cam assembly on the left side. (See Figs.13 and 14.)



3.2.8 Removing the rod (L), rod (R) and roller assembly (See Figs.15 and 16)

- Remove the mechanism control board, top cover, mechanism section, front unit and loading arm assembly.
 - From the bottom side of the loading arm assembly, release the rod (L) and (R) from the joints r. (See Fig.15.)
 - Remove the roller assembly from the loading arm assembly. (See Fig.16.)
 - Remove the two collars and washer from the roller assembly. (See Fig.16.)

Caution:

After attaching the roller assembly to the loading arm assembly, attach the rod (L) and (R). Then attach the rods to the right and left collars of the roller assembly. (See Fig.15.)

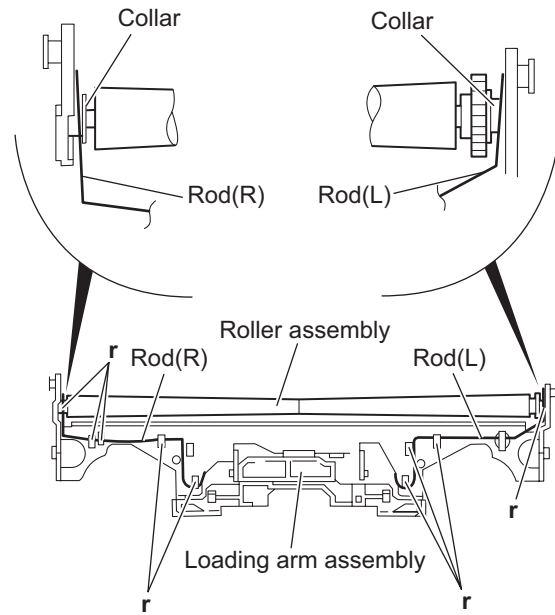


Fig.15

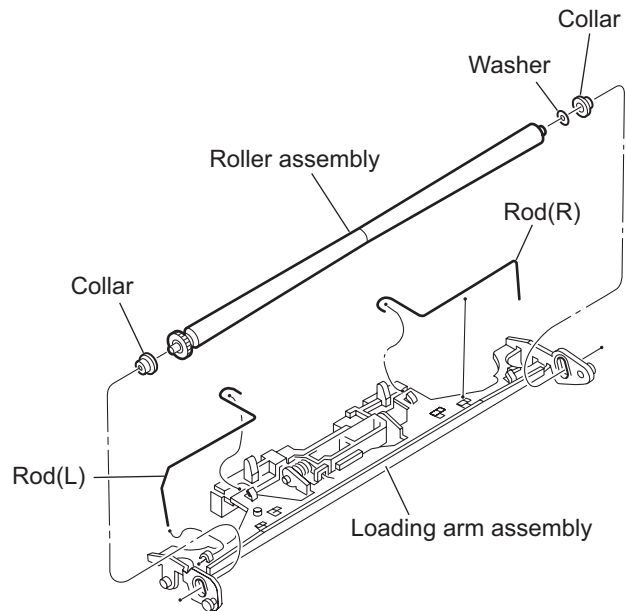


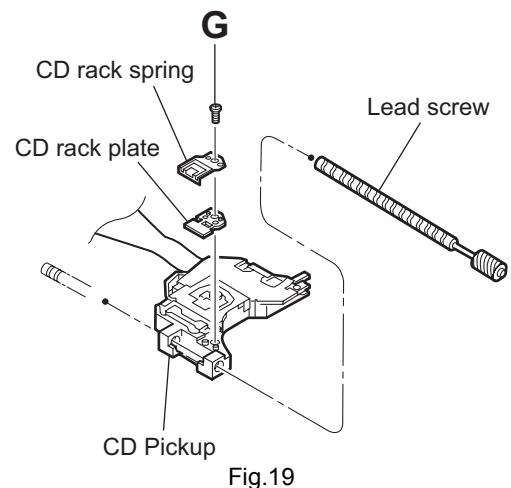
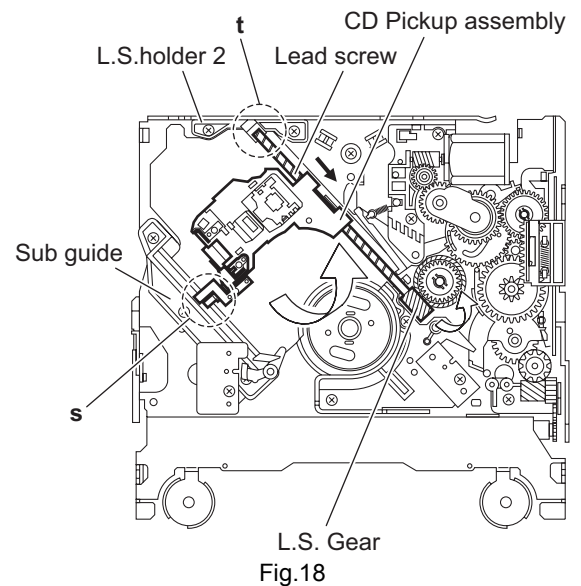
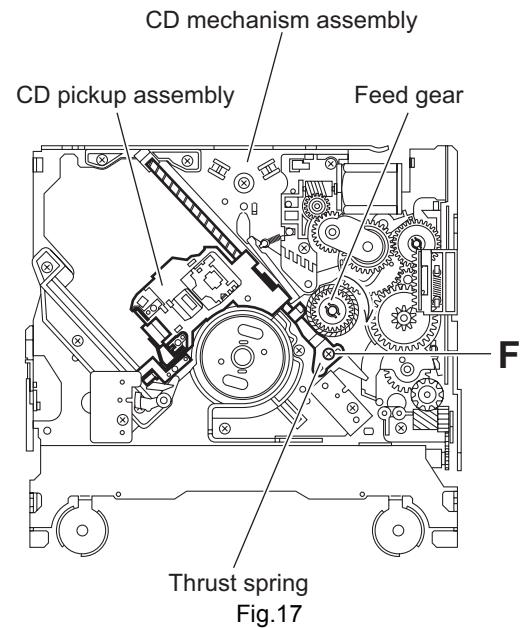
Fig.16

3.2.9 Removing the CD pickup (See Figs.17 to 19)

- Remove the mechanism control board.
 - (1) From the bottom side of the CD mechanism assembly, turn the feed gear in the direction of the arrow to move the CD pickup assembly outwards. (See Fig.17.)
 - (2) Remove the screw **F** and remove the thrust spring. (See Fig.17.)
 - (3) Remove the CD pickup assembly in an upward direction from the side of L.S. gear and release the CD pickup assembly from joint **s** of the sub guide. (See Fig.18.)
 - (4) Move the lead screw of the CD pickup assembly in the direction of the arrow to release at joint **t**. (See Fig.18.)
 - (5) Remove the screw **G** attaching the CD rack spring and CD rack plate on the CD pickup assembly. (See Fig.19.)
 - (6) Pull out the lead screw. (See Fig.19.)

Caution:

- When attaching the CD pickup assembly, attach the CD pickup assembly at joint **s** of sub guide first, and attach the lead screw to the joint **t** on the L.S. holder 2. (See Fig.18.)
- Perform electric adjustment after replacing the pickup.

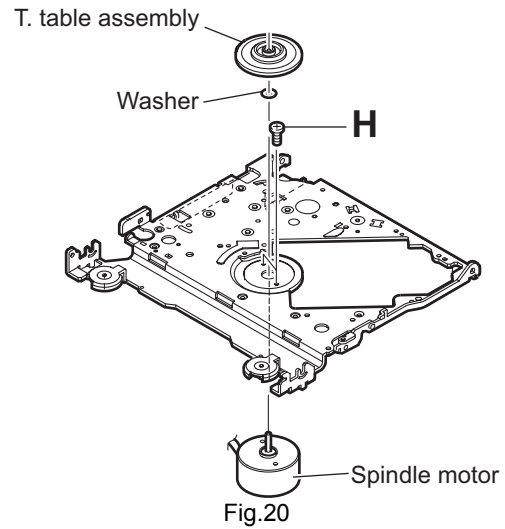


3.2.10 Removing the spindle motor (See Fig.20)

- Remove the mechanism control board, top cover, mechanism section and clasper unit.
 - From the top side of the mechanism section, remove the T.table assembly and washer from the spindle motor.
 - Remove the two screws **H** attaching the spindle motor.
 - Take out the spindle motor from the bottom side of the mechanism section.

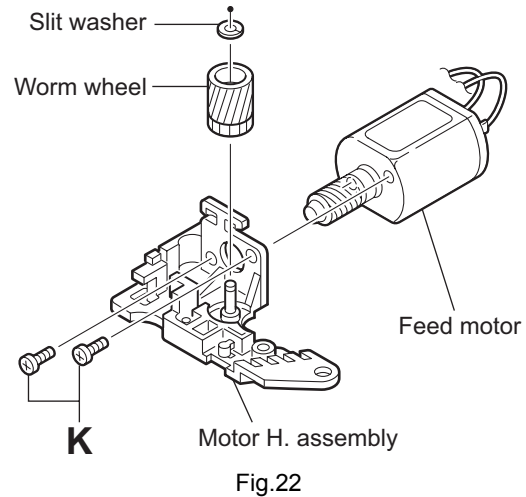
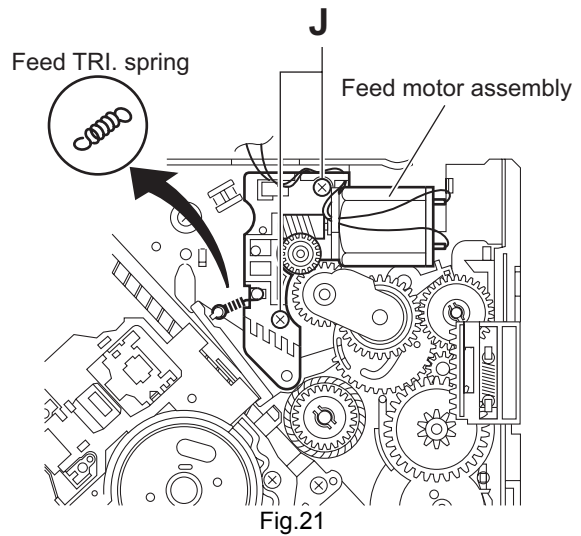
Caution:

Perform adjustment when reattaching the spindle motor.



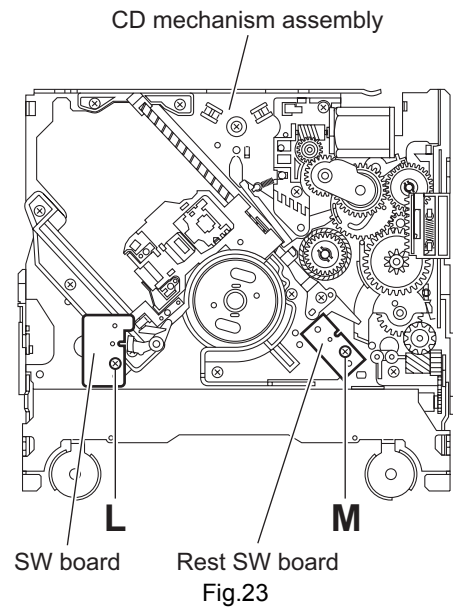
3.2.11 Removing the feed motor (See Figs.21 and 22)

- Remove the mechanism control board.
 - From the bottom side of the CD mechanism assembly, remove the feed TRI. spring. (See Fig.21.)
 - Remove the two screws **J** attaching the feed motor assembly. (See Fig.21.)
 - Remove the slit washer from the motor H. assembly and pull out the worm wheel. (See Fig.22.)
 - Remove the two screws **K** attaching the feed motor. (See Fig.22.)



3.2.12 Removing the SW board and rest SW board (See Fig.23)

- Remove the mechanism control board.
 - (1) From the bottom side of the CD mechanism assembly, remove the screw **L** attaching the SW board.
 - (2) Remove the screw **M** attaching the rest SW board.



SECTION 4 ADJUSTMENT

4.1 Adjustment method

■ Test instruments required for adjustment

- (1) Digital oscilloscope (100MHz)
- (2) Electric voltmeter
- (3) Digital tester
- (4) Tracking offset meter
- (5) Test Disc JVC :CTS-1000
- (6) Extension cable for check
EXTDV001-20P × 1

■ Standard volume position

Balance and Bass & Treble volume : Indication "0"
Loudness : OFF

■ How to connect the extension cable for adjusting

Caution:

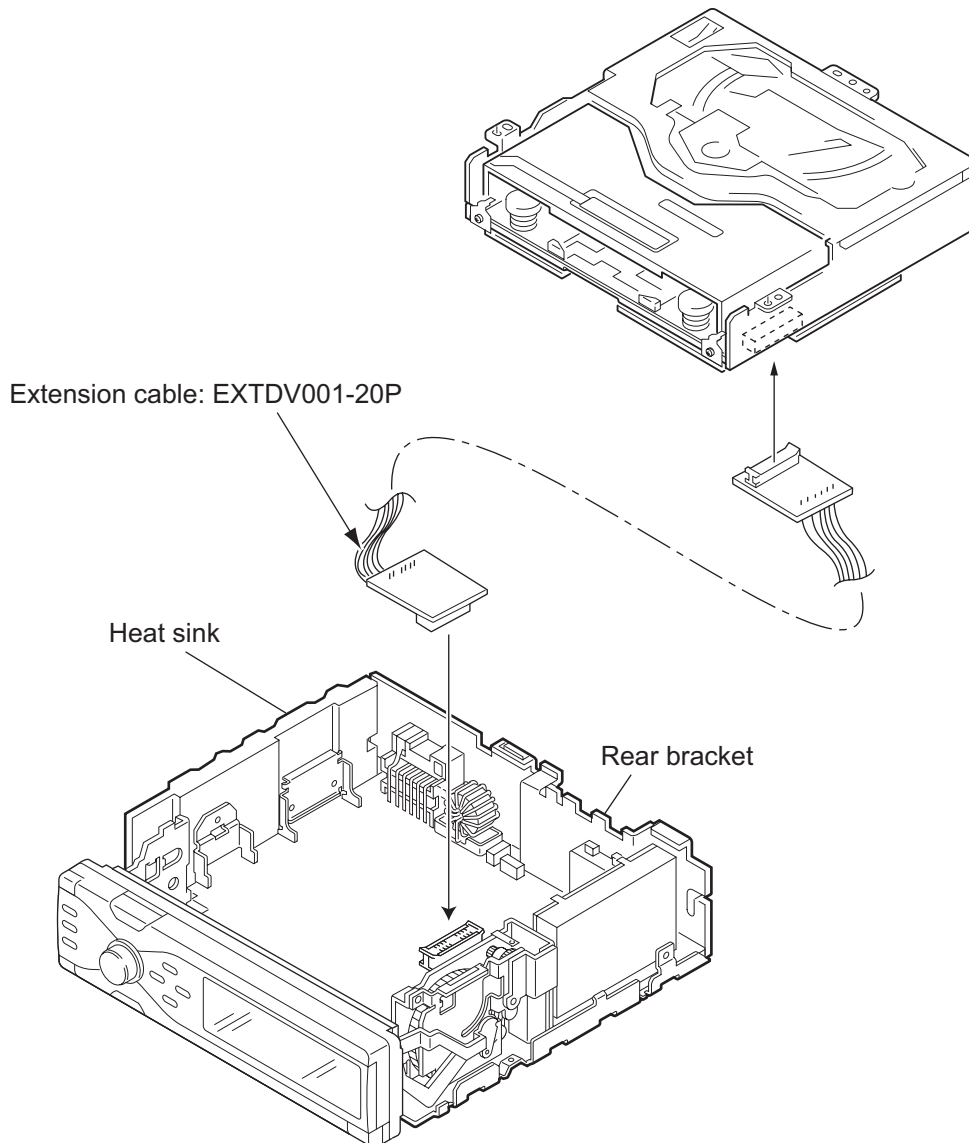
Be sure to attach the heat sink and rear bracket onto the power amplifier IC and regulator IC respectively, before supply the power. If voltage is applied without attaching these parts, the power amplifier IC and regulator IC will be destroyed by heat.

■ Standard measuring conditions

Power supply voltage	DC14.4V(11 to 16V)
Load impedance	20K Ω (2 Speakers connection)
Output Level	Line out 5.0V (Vol. MAX)

■ Dummy load

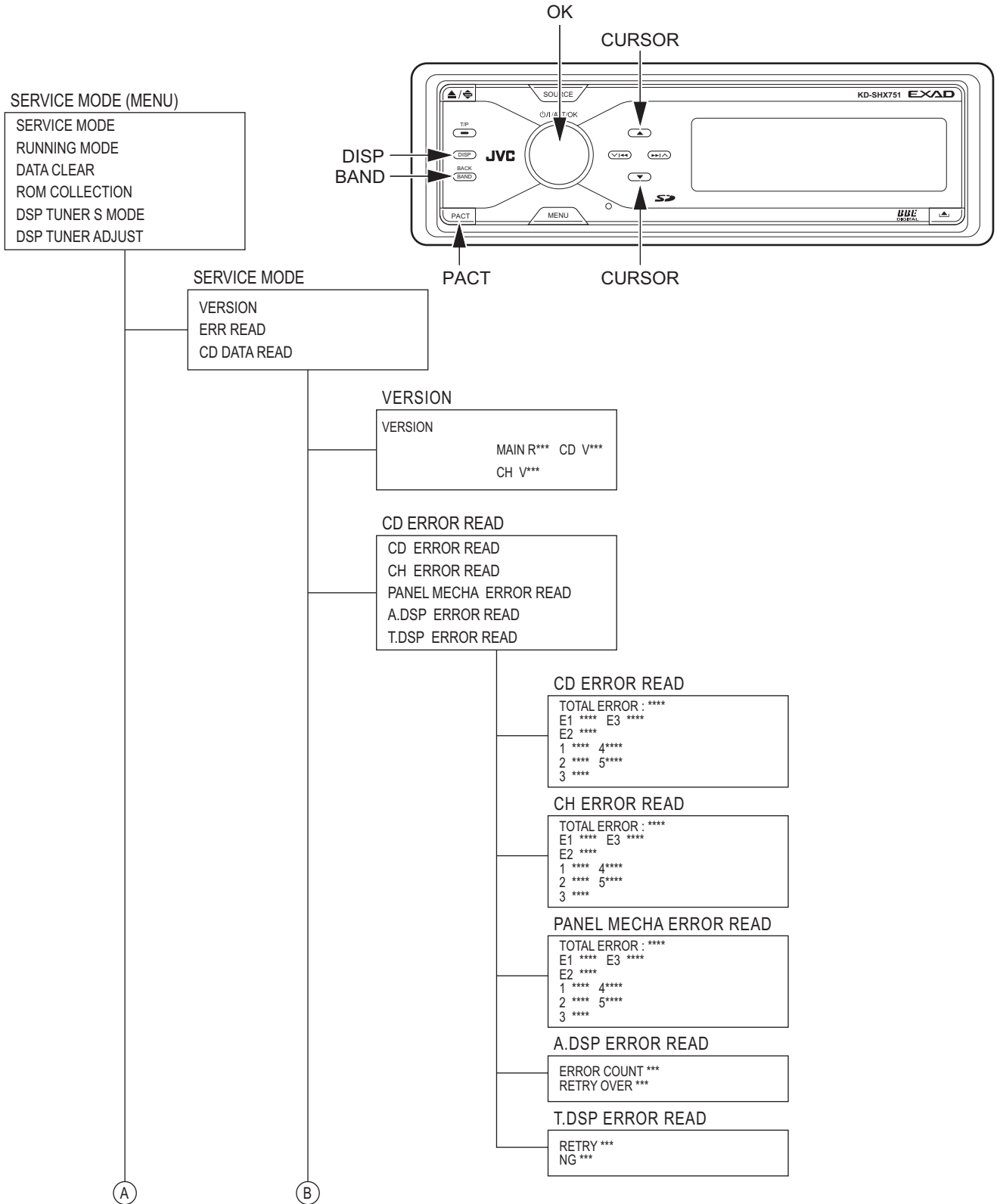
Exclusive dummy load should be used for AM, and FM. For FM dummy load, there is a loss of 6dB between SSG output and antenna input. The loss of 6dB need not be considered since direct reading of figures are applied in this working standard.

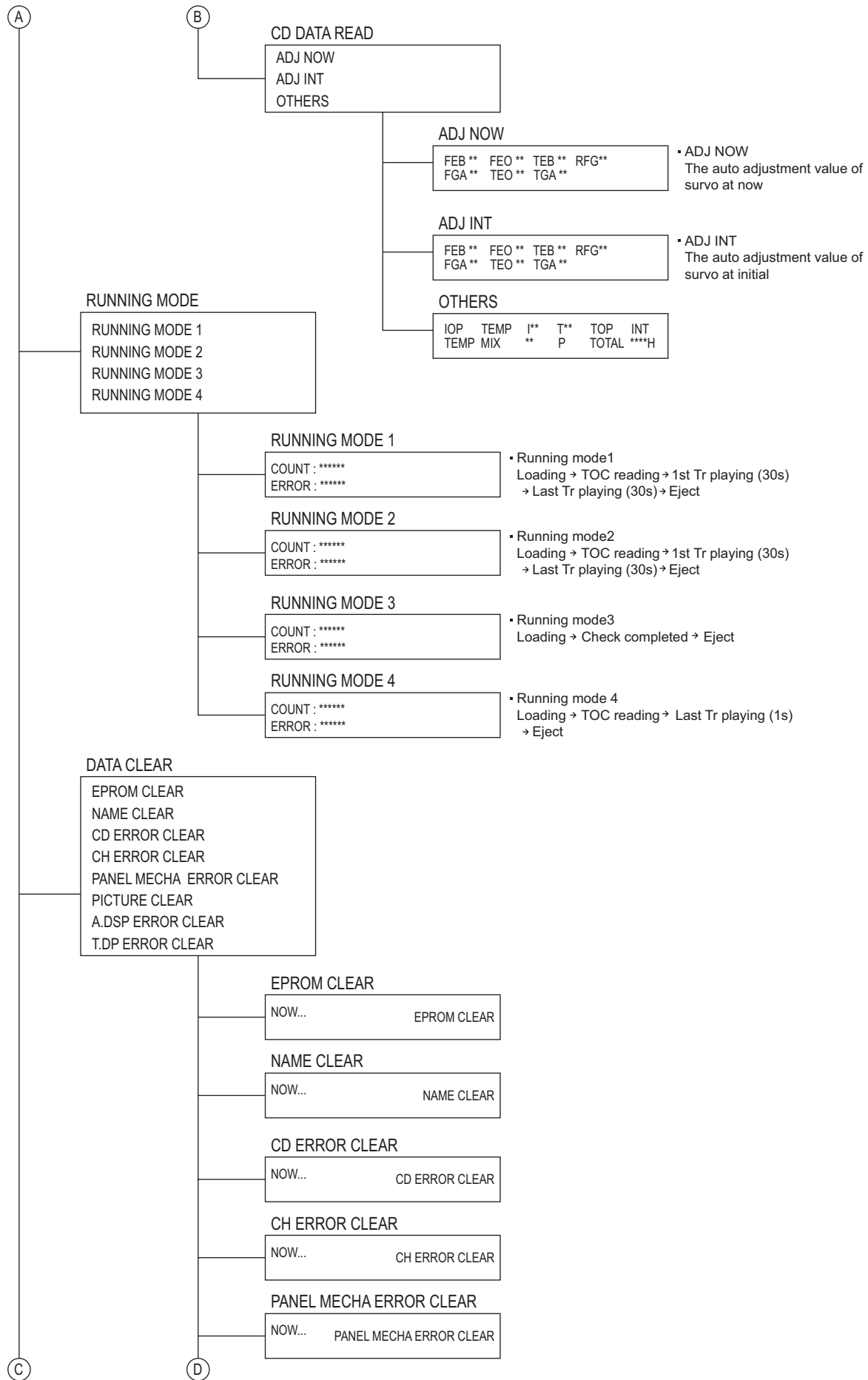


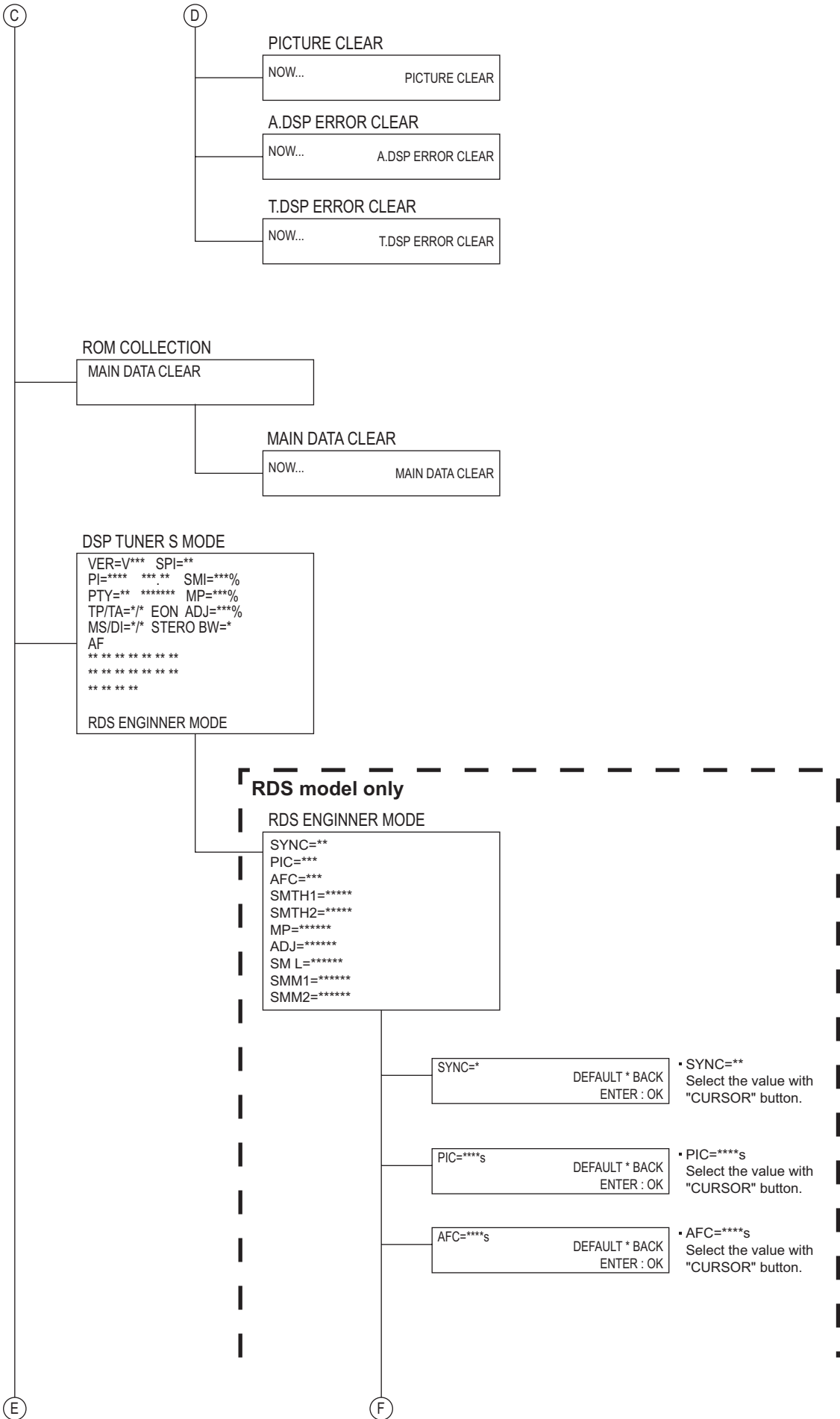
4.2 Service mode

4.2.1 Service mode setting

- (1) Turn ON power
- (2) Pressing both the DISP button and BAND button.
- (3) Set to service mode
 - CURSOR button ▲ : BACK
 - CURSOR button ▼ : NEXT
 - OK button : SET







E

F

SMTH1=*****	DEFAULT * BACK ENTER : OK
-------------	------------------------------

- SMTH1=*****
Select the value with "CURSOR" button.

SMTH2=*****	DEFAULT * BACK ENTER : OK
-------------	------------------------------

- SMTH2=*****
Select the value with "CURSOR" button.

MP=*****	DEFAULT * BACK ENTER : OK
----------	------------------------------

- MP=*****
Select the value with "CURSOR" button.

ADJ=*****	DEFAULT * BACK ENTER : OK
-----------	------------------------------

- ADJ=*****
Select the value with "CURSOR" button.

SM L=*****	DEFAULT * BACK ENTER : OK
------------	------------------------------

- SM L=*****
Select the value with "CURSOR" button.

SMM1=*****	DEFAULT * BACK ENTER : OK
------------	------------------------------

- SMM1=*****
Select the value with "CURSOR" button.

SMM2=*****	DEFAULT * BACK ENTER : OK
------------	------------------------------

- SMM2=*****
Select the value with "CURSOR" button.

RDS model only

DSP TUNER AJUST
 AUTO ADJUSTMENT
 MANUAL ADJUSTMENT

1.FM DAA 87.5MHz 40dBuV 0%

1.FM DAA 87.5MHz 40dBuV 0%	No Signal
-------------------------------	-----------

2.FM DAA 97.9MHz 40dBuV 0%

2.FM DAA 97.9MHz 40dBuV 0%	No Signal
-------------------------------	-----------

3.FM DAA 108.0MHz 40dBuV 0%

3.FM DAA 108.0MHz 40dBuV 0%	No Signal
--------------------------------	-----------

4.FM S.MATER 97.9MHz 40dBuV 0%

4.FM S.MATER 97.9MHz 40dBuV 0%	High or Low or No Signal
-----------------------------------	--------------------------

5.FM S.MATER 97.9MHz 70dBuV 0%

5.FM S.MATER 97.9MHz 70dBuV 0%	High or Low or No Signal
-----------------------------------	--------------------------

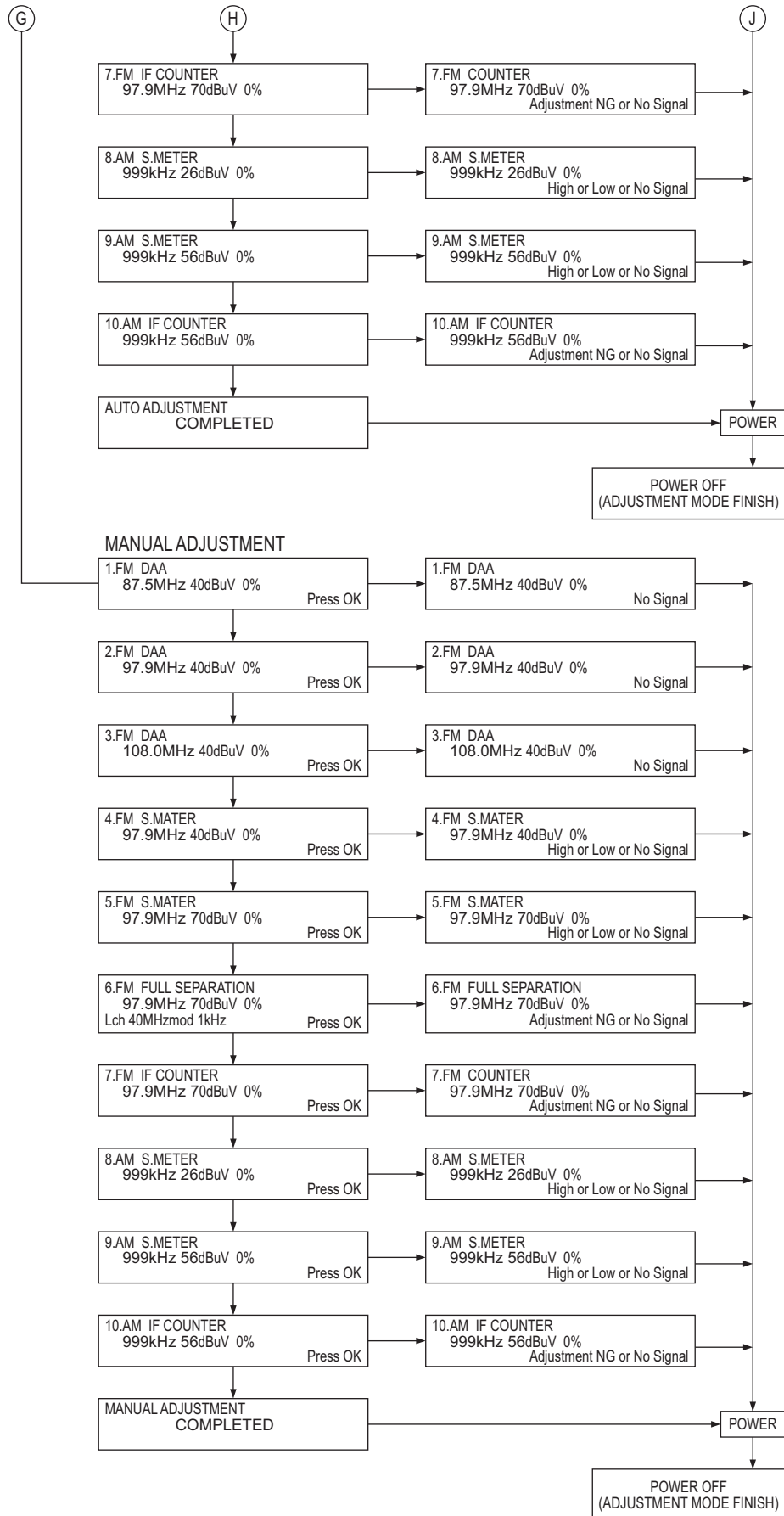
6.FM FULL SEPARATION 97.9MHz 70dBuV 0% Lch 40MHz mod 1kHz

6.FM FULL SEPARATION 97.9MHz 70dBuV 0%	Adjustment NG or No Signal
---	----------------------------

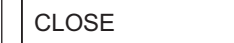
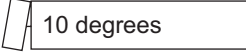



G

H

J



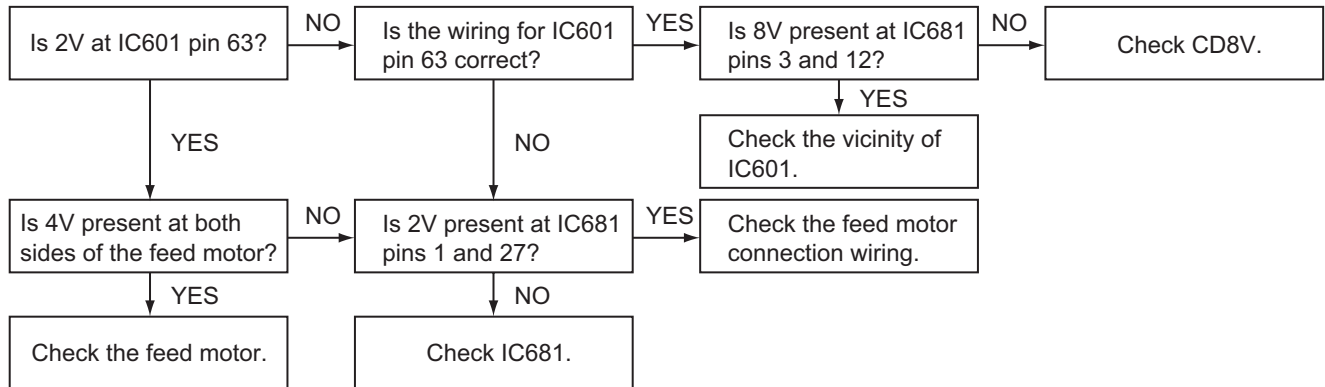
4.2.2 Error code of front panel mechanism

PANEL ANGLE	
1	PANEL  MAIN BODY
2	 10 degrees
3	 20 degrees
4	 30 degrees
OPEN	 OPEN

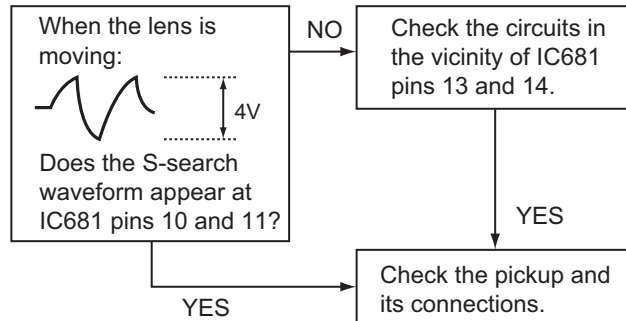
Details	ERROR CODE (SERVICE MODE)	ERROR CODE (NORMAL)
OPEN error 1.Time out error by OPEN position cannot detect.	0A01	ERR 01
CLOSE error (ANGLE 1 error) 1.Time out error by ANGLE 1 position cannot detect.	0B06	06
Angle positioning error Moving to 10 degrees (ANGLE 2 error) 1.Time out error by ANGLE 2 position cannot detect at moving to open position. 2. Missing to ANGLE 1 and detected ANGLE 2 position at moving to open position. 3.Time out error by ANGLE 2 cannot detect at moving to close position.	0D21 0D22 0D23	21 22 23
Moving to 20 degrees (ANGLE 3 error) 1.Time out error by ANGLE 3 position cannot detect at moving to open position. 2. Missing to ANGLE 2 and detected ANGLE 3 position at moving to open position. 3.Time out error by ANGLE 3 cannot detect at moving to close position.	0E31 0E32 0E33	31 32 33
Moving to 30 degrees (ANGLE 4 error) 1.Time out error by ANGLE 4 position cannot detect at moving to open position. 2. Missing to ANGLE 3 and detected ANGLE 4 position at moving to open position. 3.Time out error by ANGLE 4 cannot detect at moving to close position.	0F41 0F42 0F43	41 42 43
Abnormal switch position at moving panel The panel move to open and close potision,detected abnormal switch position.	0A00	00

SECTION 5 TROUBLESHOOTING

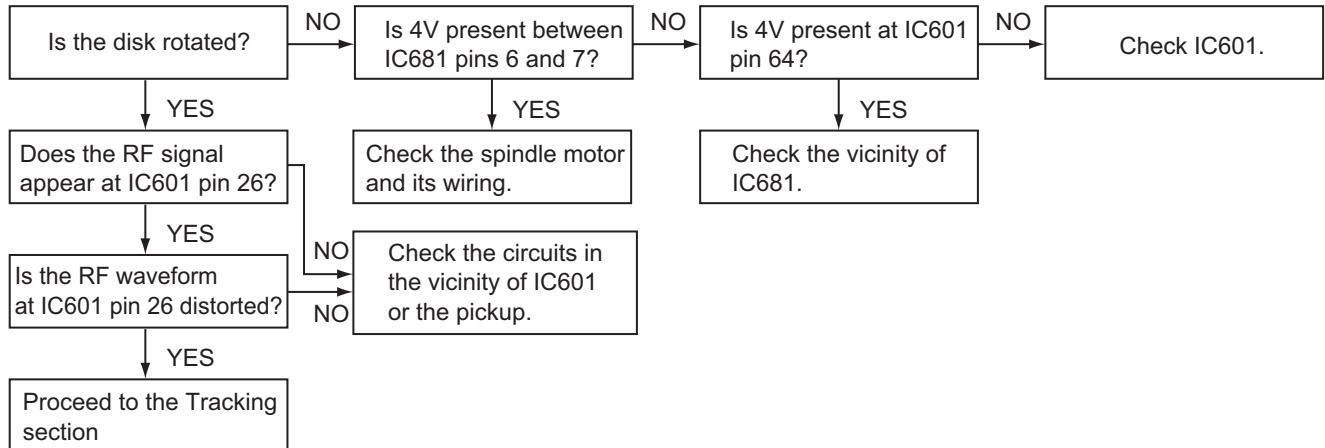
5.1 Feed section



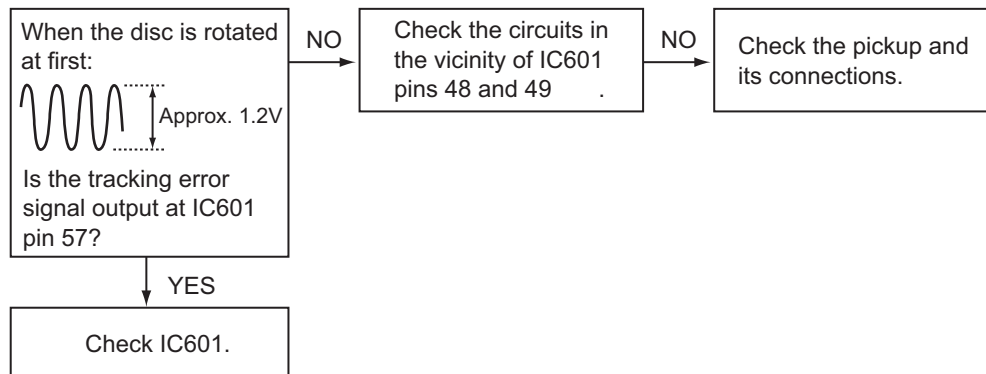
5.2 Focus section



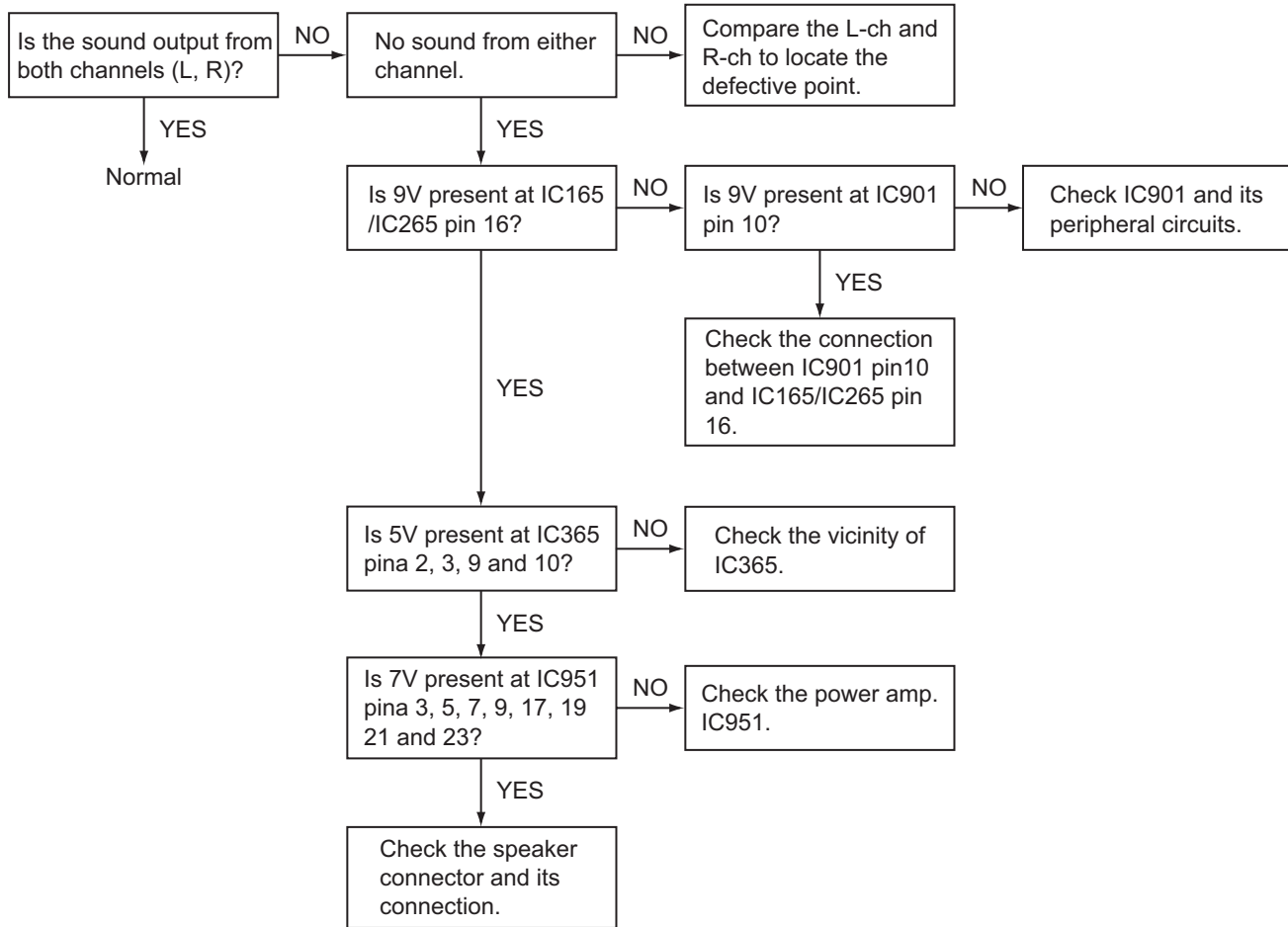
5.3 Spindle section



5.4 Tracking section

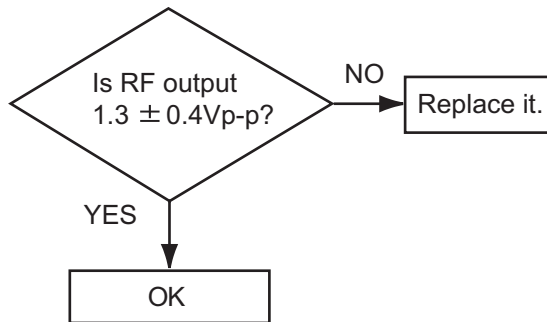


5.5 Signal processing section



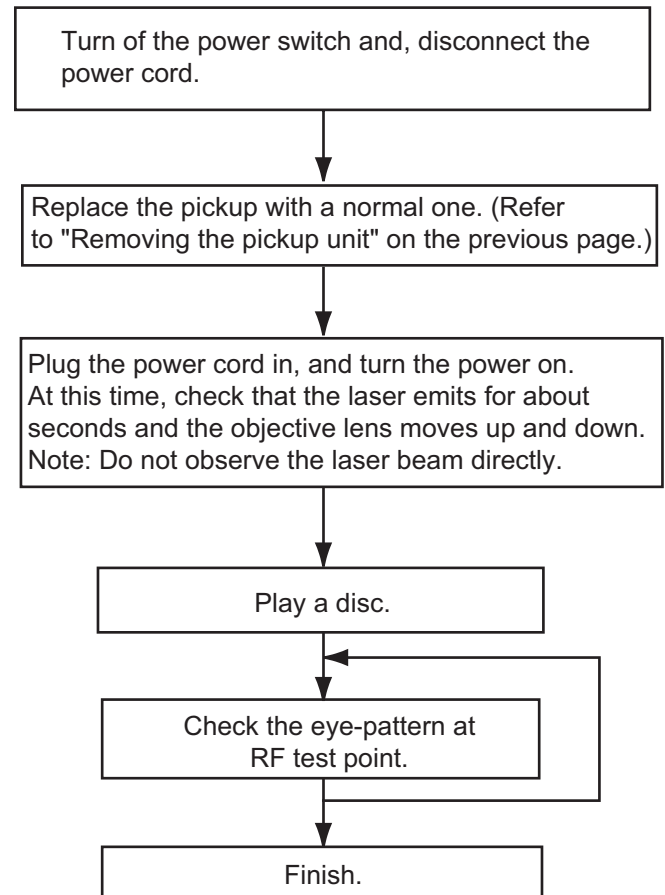
5.6 Maintenance of laser pickup

- (1) Cleaning the pick up lens
Before you replace the pick up, please try to clean the lens with a alcohol soaked cotton swab.
- (2) Life of the laser diode
When the life of the laser diode has expired, the following symptoms will appear.
 - The level of RF output (EFM output: amplitude of eye pattern) will be low.

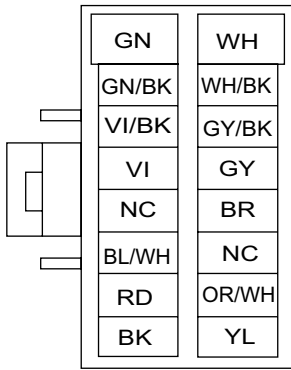


- (3) Semi-fixed resistor on the APC PC board
The semi-fixed resistor on the APC printed circuit board which is attached to the pickup is used to adjust the laser power. Since this adjustment should be performed to match the characteristics of the whole optical block, do not touch the semi-fixed resistor.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

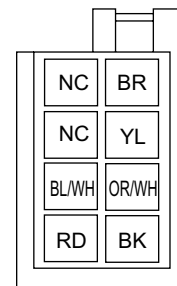
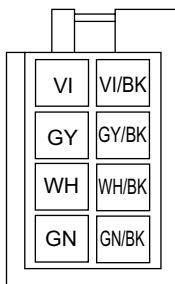
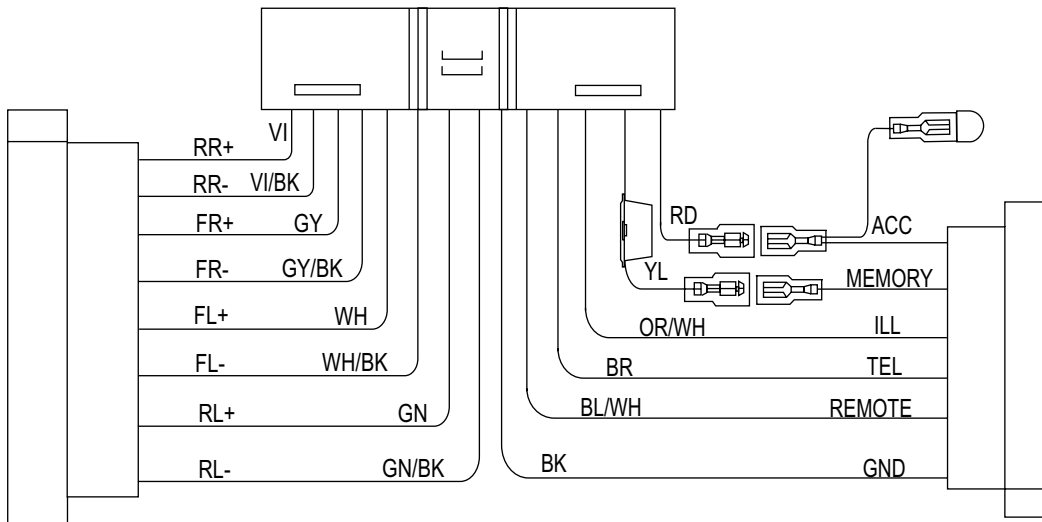
5.7 Replacement of laser pickup



5.8 16 PIN CORD DIAGRAM



BK	Black	GN	Green
RD	Red	VI	Violet
BL	Blue	GY	Gray
WH	White	YL	Yellow
BR	Brown	OR	Orange



RR	Rear Right	ANT	Auto Antenna
FR	Front Right	ACC	ACC Line
FL	Front Left	TEL	Telephone Muting
RL	Rear Left	GND	Ground
REMOTE	Remote out	MEMORY	Memory Backup Battery +
ILL	Illuminations Control		



JVC

Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY CAR ELECTRONICS CATEGORY 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MA192)

PARTS LIST

[KD-SHX851]

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

Area suffix

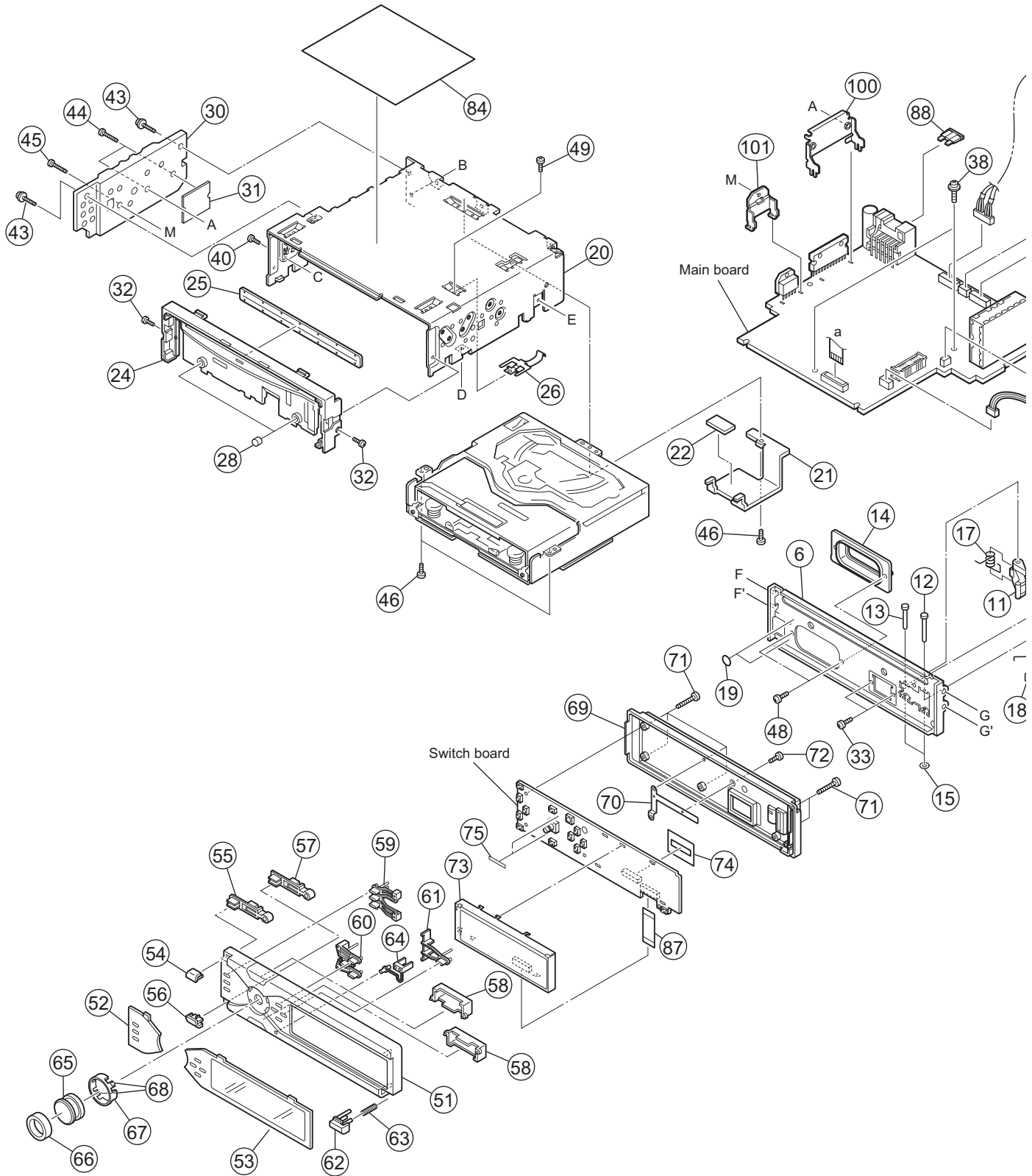
E	-----	Southern	Europe
EX	-----	Northern	Europe
EY	-----	Eastern	Europe
EU	-----	Turkey	

- Contents -

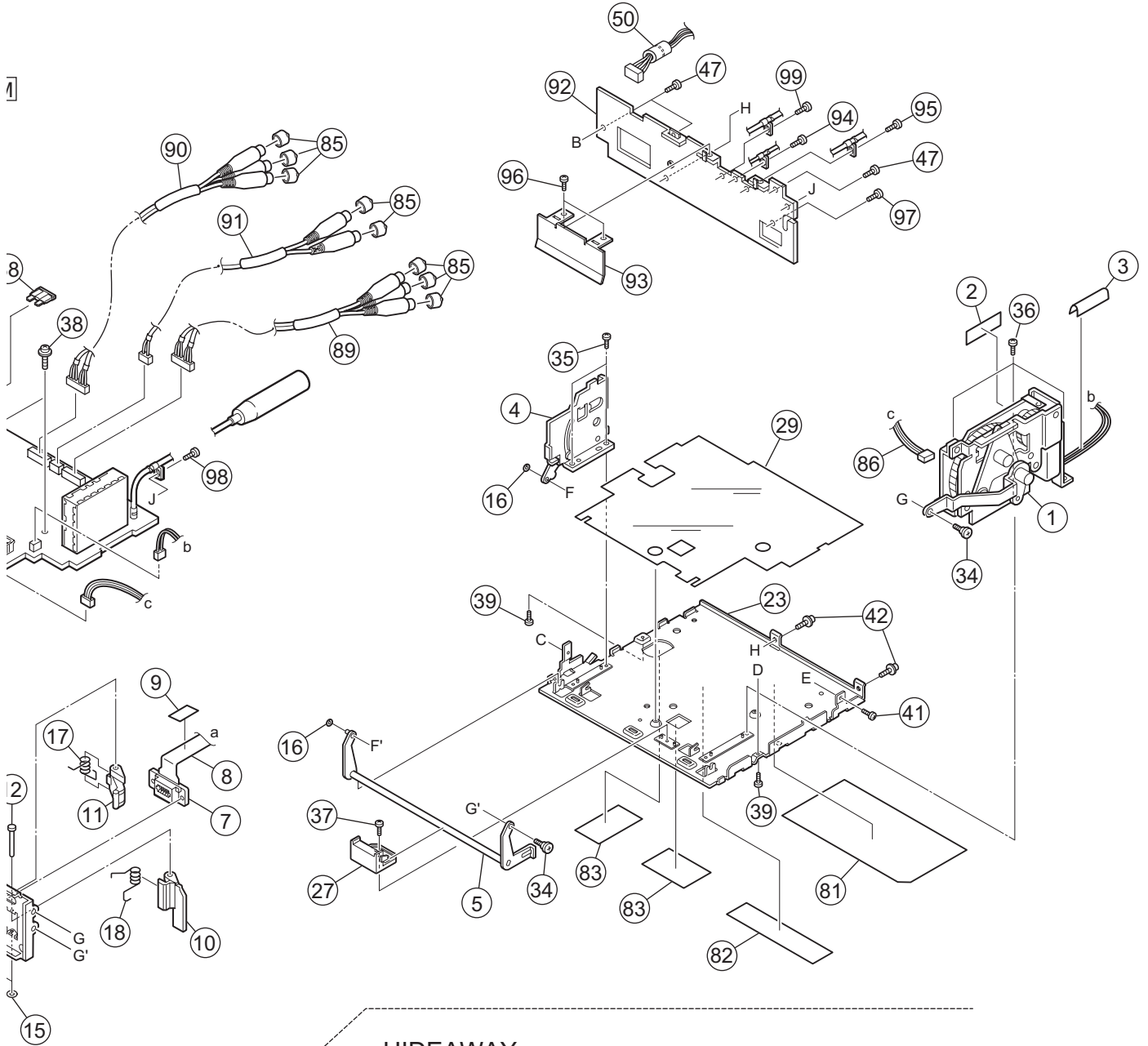
Exploded view of general assembly and parts list (Block No.M1)	3- 2
CD mechanism assembly and parts list (Block No.MB)	3- 6
Electrical parts list (Block No.01~03)	3-10
Packing materials and accessories parts list (Block No.M3).....	3-22

Exploded view of general assembly and parts list

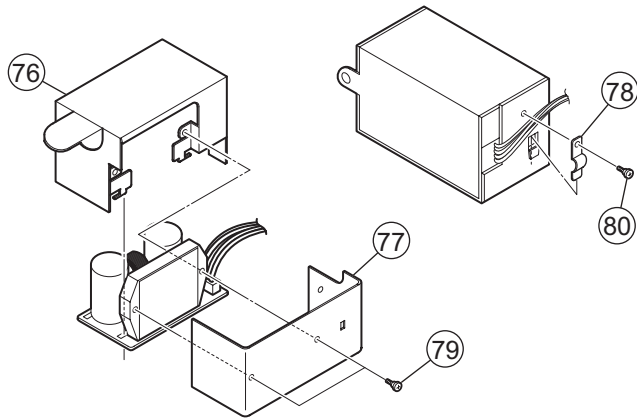
Block No. M 1 M M



1



HIDEAWAY



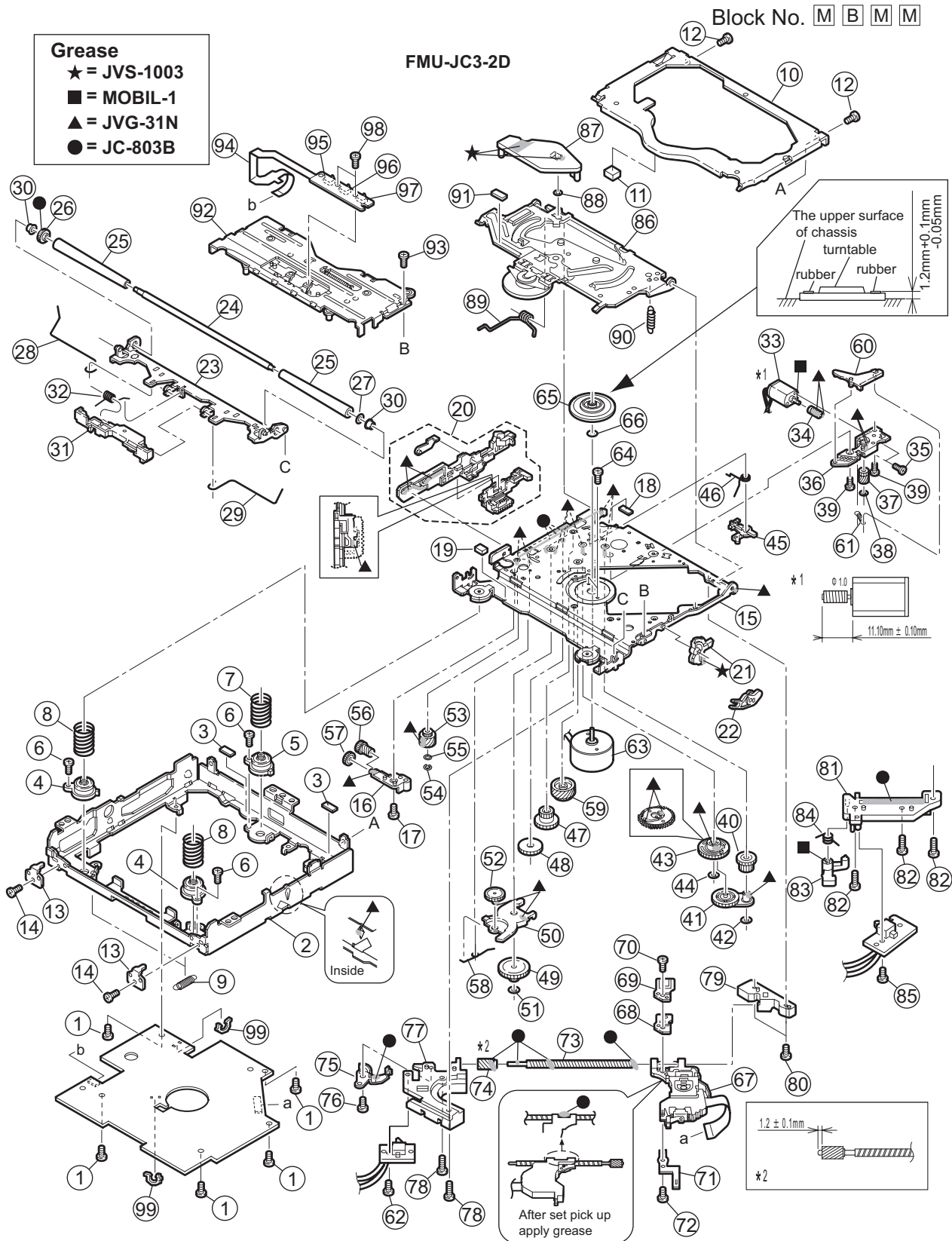
General Assembly

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

△	Symbol No.	Part No.	Part Name	Description	Local
	1	GE20156-001A	GEAR BKT UNIT		
	2	LV40847-002A	SPACER		
	3	FSYH4036-100	SHEET		
	4	GE30968-002A	LEVER BKT UNIT		
	5	GE30964-003A	LOWER LEVER ASS		
	6	LV35330-002A	FRONT BKT ASSY		
	7	QNZ0664-003	CAR CONNECTOR		
	8	QAL0587-001	FPC		
	9	FSYH4036-100	SHEET		
	10	LV35484-001A	DETACH LEVER		
	11	GE30973-001A	KICK LEVER		
	12	GE40192-002A	SHAFT		
	13	GE40193-002A	SHAFT		
	14	LV35381-001A	SD GUIDE		
	15	QYWDL123525	SLIT WASHER	3.5mm/1.2mm x 0.25mm(x2)	
	16	QYWDL215025	SLIT WASHER	5mm/2.1mm x 0.25mm(x2)	
	17	GE40194-001A	T SPRING		
	18	GE40195-002A	T SPRING		
	19	GE40218-009A	SHEET	(x2)	
	20	LV11025-001A	TOP CHASSIS		
	21	GE40259-001A	MECHA HEAT SINK		
	22	LV43854-003A	COOLING RUBBER		
	23	GE10074-001A	BOTTOM CHASSIS		
	24	GE31642-001A	F CHASSIS ASSY		
	25	GE40156-001A	BLIND		
	26	LV35751-001A	EARTH SPRING		
	27	GE30974-001A	FPC GUIDE		
	28	GE40196-002A	ABSORBER	(x2)	
	29	GE31204-002A	INSULATOR		
	30	LV35644-005A	SIDE HEAT SINK		
	31	LV44394-001A	COOLING SHEET		
	32	QYSPSP2003MA	SCREW	M2 x 3mm(x2)	
	33	QYSPSGU2040MA	TAP SCREW	M2 x 4mm(x2)	
	34	LV42181-002A	SPECIAL SCREW	(x2)	
	35	LV40865-002A	MINI SCREW	(x2)	
	36	LV40865-002A	MINI SCREW	(x3)	
	37	LV40865-002A	MINI SCREW		
	38	LV41200-004A	SPECIAL SCREW	(x2)	
	39	GE40235-001A	SCREW	(x2)	
	40	QYSDST2604ZA	TAP SCREW	M2.6 x 4mm	
	41	LV41200-004A	SPECIAL SCREW		
	42	LV41200-004A	SPECIAL SCREW	(x2)	
	43	GE40235-001A	SCREW	(x2)	
	44	LV41200-007A	SPECIAL SCREW	(x2)	
	45	LV41200-005A	SPECIAL SCREW		
	46	QYSDST2605ZA	TAP SCREW	M2.6 x 5mm(x3)	
	47	QYSDST2604ZA	TAP SCREW	M2.6 x 4mm(x3)	
	48	VKZ4777-009	MINI SCREW	(x2)	
	49	QYSDST2604ZA	TAP SCREW	M2.6 x 4mm	
△	50	QQR0491-001	FERRITE CORE	TDK (GRAY)	
	51	LV35694-002A	FRONT PANEL ASSY		
	52	LV35636-002A	FINDER(L)		
	53	LV35637-005A	FINDER(R)		
	54	LV35517-007A	BUTTON EJECT		
	55	LV35522-001A	EJECT BASE		
	56	LV35518-004A	POWER BUTTON		
	57	LV35523-001A	POWER BASE		
	58	LV35508-001A	SOURCE WALL	(x2)	
	59	LV35640-002A	3 BUTTON		
	60	LV35641-001A	4 BUTTON(A)		
	61	LV35642-001A	4 BUTTON(B)		
	62	LV35516-004A	DETACH BUTTON		
	63	LV44055-001A	COMPRESSION SPRING		
	64	LV35541-002A	RESET BUTTON		
	65	LV35547-001A	VOL.KNOB ASSY		
	66	LV35545-001A	VOL. RUBBER		
	67	LV35515-003A	KNOB RING		
	68	LV40848-056A	SPACER(P)	(x2)	
	69	LV11024-001A	REAR COVER		
	70	LV35643-001A	EARTH PLATE		
	71	VKZ4777-006	MINI SCREW	(x6)	
	72	QYSPSPU1730MA	SCREW	M1.7 x 3mm	
	73	QLE0042-001	OEL MODULE		SHX851E,SHX851EU,SHX851EX
	73	QLE0038-001	OEL MODULE		SHX851EY

△	Symbol No.	Part No.	Part Name	Description	Local
	74	LV43889-001A	SW PWB SHEET		
	75	LV40847-020A	SPACER(H)	(x2)	
	76	LV22136-001A	CHASSIS		
	77	LV22137-001A	HEAT SINK		
	78	LV44325-001A	WIRE BKT		
	79	QYSDST2614ZA	TAP SCREW	M2.6 x 14mm(x2)	
	80	QYSDST2606ZA	TAP SCREW	M2.6 x 6mm	
	81	LV36201-001A	NAME PLATE		
	82	LV41843-002A	LASER CAUTION		
	83	GE40218-011A	SHEET	(x2)	
	84	LV36398-001A	CAUTION LABEL		
	85	GE40101-001A	PIN CAP	(x8)	
	86	QJJ010-040904-E	SIN CR C-C WIR		
	87	QUQ105-3003BB-E	FFC WIRE	30pin 3cm	
△	88	QMFZ039-150-T	FUSE	15A (F901)	
	89	QAM0746-001	CAR CABLE		
	90	QAM0745-001	CAR CABLE		
	91	QAM0237-001	CAR CABLE		
	92	LV35645-001A	REAR BRACKET		
	93	LV44095-001A	WIRE BKT		
	94	LV41200-004A	SPECIAL SCREW		
	95	LV41200-004A	SPECIAL SCREW		
	96	QYSDST2604ZA	TAP SCREW	M2.6 x 4mm(x2)	
	97	LV41200-004A	SPECIAL SCREW		
	98	LV41200-004A	SPECIAL SCREW		
	99	LV41200-004A	SPECIAL SCREW		
	100	LV44094-001A	POWE IC BKT		
	101	LV43373-002A	REG IC BKT		

CD mechanism assembly and parts list



The parts without symbol number are not service.

CD mechanism

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

△	Symbol No.	Part No.	Part Name	Description	Local
	1	VKZ4539-056	MINI SCREW	(x5)	
	2	LV10857-002A	CHASSIS FRAME 2		
	3	LV30225-0J6A	SPACER	(x2)	
	4	LV35272-001A	DAMPER(F)	(x2)	
	5	LV35273-001A	DAMPER(R)		
	6	QYSPSTU2045MA	TAP SCREW	M2 x 4.5mm(x3)	
	7	LV43039-001A	DAMPER SP.(R)		
	8	LV43849-001A	DAMPER SP(F2)	(x2)	
	9	LV43041-001A	FLOATING SPRING	(x2)	
	10	LV10675-001A	TOP COVER		
	11	LV30225-0J5A	SPACER		
	12	VKZ4539-056	MINI SCREW	(x2)	
	13	LV33669-001A	STOPPER	(x2)	
	14	VKZ4539-056	MINI SCREW	(x2)	
	15	LV21615-001A	CD CHASSIS ASSY		
	16	LV33608-001A	GEAR HOLDER		
	17	VKZ4539-056	MINI SCREW		
	18	LV43561-002A	ABSORBER		
	19	LV30225-0J5A	SPACER		
	20	LV33683-003A	SLIDE CAM ASSY		
	21	LV33610-001A	FLOATING ARM		
	22	LV33611-001A	CONNECT ARM		
	23	LV33678-003A	LOADING A. ASSY		
	24	LV43049-001A	LOADING SHAFT		
	25	LV43052-003A	ROLLER	(x2)	
	26	LV33612-001A	LOADING GEAR		
	27	QYWFM124013	WASHER	4mm/1.2mm x 0.13mm	
	28	LV43053-002A	ROD(L)		
	29	LV43725-001A	ROD(R)		
	30	LV43001-001A	COLLAR	(x2)	
	31	LV21285-002A	PROTECTOR		
	32	LV43055-001A	PROTECTOR SP.		
	33	QAR0144-003	MOTOR		
	34	LV43002-002A	WORM GEAR		
	35	QYSPSPT2025MA	SCREW	M2 x 2.5mm(x2)	
	36	LV33679-001A	MOTOR H. ASSY		
	37	LV33614-002A	WORM WHEEL		
	38	QYWDL1230250	SLIT WASHER	3mm/1.2mm x 0.25mm	
	39	VKZ4539-056	MINI SCREW	(x2)	
	40	LV33615-001A	GEAR 2		
	41	LV43057-003A	IDLER ARM ASSY		
	42	QYWDL1635252	SLIT WASHER	3.5mm/1.6mm x 0.25mm	
	43	LV21286-001A	CONTROL CAM		
	44	QYWDL1230196	SLIT WASHER	3mm/1.2mm x 0.19mm	
	45	LV33616-001A	LOAD.LOCK LEVER		
	46	LV43060-001A	CAM SPRING		
	47	LV43005-001A	GEAR 4		
	48	LV43006-001A	GEAR 5		
	49	LV33617-001A	GEAR 6		
	50	LV33618-002A	LOADING G. ARM		
	51	QYWDL1635252	SLIT WASHER	3.5mm/1.6mm x 0.25mm	
	52	LV43007-001A	GEAR 7		
	53	LV33619-002A	GEAR 8		
	54	LV42132-001A	E RING		
	55	QYWFM215013	WASHER	5mm/2.1mm x 0.13mm	
	56	LV33620-001A	GEAR 9		
	57	LV43008-001A	GEAR10		
	58	LV43061-001A	LOAD SPRING		
	59	LV33621-001A	FEED GEAR		
	60	LV33622-001A	TRIGGER ARM		
	61	LV43062-001A	FEED TRI.SPRING		
	62	QYSPSFT2040ZA	TAP SCREW	M2 x 4mm	
	63	QAR0305-001	SPINDLE MOTOR		
	64	QYSPSPT1720MA	SCREW	M1.7 x 2mm(x2)	
	65	LV43669-002A	T.TABLE ASSY		
	66	QYWFM214025	WASHER	4mm/2.1mm x 0.25mm	
	67	QAL0563-001	PICK UP		
	68	LV34583-002A	CD RACK PLATE		
	69	LV34579-001A	CD RACK SPRING		
	70	LV43903-002A	MINI TAP SCREW		
	71	LV34580-001A	P.S.SPRING		
	72	QYSPSGT1425MA	TAP SCREW	M1.4 x 2.5mm	
	73	LV43670-001A	LEAD SCREW		
	74	LV43010-001A	L.S.GEAR		

Symbol No.	Part No.	Part Name	Description	Local
75	LV43011-001A	THRUST SPRING		
76	QYSPSFT2040ZA	TAP SCREW	M2 x 4mm	
77	LV21604-004A	L.S.HOLDER 1		
78	VKZ4539-056	MINI SCREW	(x2)	
79	LV34582-002A	L.S.HOLDER 2		
80	VKZ4539-056	MINI SCREW	(x2)	
81	LV34581-002A	SUB GUIDE		
82	VKZ4539-056	MINI SCREW	(x3)	
83	LV34915-001A	SW LEVER		
84	LV43898-001A	S.L.SPRING		
85	QYSPSFT2040ZA	TAP SCREW	M2 x 4mm	
86	LV34602-002A	CLAMPER UNIT 2		
87	LV34585-001A	KICK ARM 2		
88	LV43507-001A	SPL WASHER		
89	LV43070-001A	CLAMPER SPRING		
90	LV43355-001A	CLAMPER2 SPRING		
91	LV30225-0J6A	SPACER		
92	LV21616-003A	FRONT UNIT 2		
93	VKZ4539-056	MINI SCREW		
94	LVB30016-002A	SW FPC2		
95	NSW0187-001	SWITCH		
96	NSW0187-001	SWITCH		
97	NSW0187-001	SWITCH		
98	VKZ4539-055	MINI SCREW	(x2)	
99	LV34916-001A	WIRE CLAMP	(x2)	

<MEMO>

Electrical parts list

Main board

Block No. [0][1]

△ Symbol No.	Part No.	Part Name	Description	Local
△ IC10	SAF7730HV/N224A	IC		
△ IC11	BA00BCOWFP-X	IC(DIGITAL)		
IC101	JCV8009-W	IC		
IC102	AK4385ET-X	IC		
IC130	NJM4580V-X	IC		
IC140	BD3805F-X	IC		
IC171	NJM2160BV-X	IC		
IC201	JCV8009-W	IC		
IC202	AK4385ET-X	IC		
IC230	NJM4580V-X	IC		
IC240	BD3805F-X	IC		
IC271	NJM2160BV-X	IC		
△ IC301	DSPB56374AEC	IC		
△ IC331	MM3141YN-X	IC		
IC341	SN74AHC04PW-X	IC		
IC381	NJM4565V-X	IC		
IC382	NJM2160BV-X	IC		
△ IC501	STK740-230	IC		
△ IC701	MB91353APMT-109	IC		
IC710	SN74AHCT126PW-X	IC(DIGITAL)		
IC730	BR24L32F-W-X	IC		
IC740	PST9121N-X	IC		
△ IC901	HA13164A	IC		
IC911	BA6956AN	IC		
IC921	NAL0026-001X	D/D CONVERTER		
△ IC931	BA3259HFP-W	IC		
△ IC941	BD9781HFP-W	IC		
△ IC942	BA33BC0FP-X	IC		
IC943	UMX2N-W	CHIP.TR.C.M		
IC951	JCV8015-X	IC		
IC954	SN74AHC04PW-X	IC		
△ IC955	TPS4100	IC		
IC961	JCV8015-X	IC		
Q1	2SB815/7/-X	TRANSISTOR		
Q2	UN2211-X	TRANSISTOR		
Q30	UN2211-X	TRANSISTOR		
Q171	2SD2114K/VW/-X	TRANSISTOR		
Q172	2SD2114K/VW/-X	TRANSISTOR		
Q271	2SD2114K/VW/-X	TRANSISTOR		
Q272	2SD2114K/VW/-X	TRANSISTOR		
Q701	UN2211-X	TRANSISTOR		
Q703	UN2213-X	DIGI TRANSISTOR		
Q901	2SB815/7/-X	TRANSISTOR		
Q902	UN2211-X	TRANSISTOR		
Q903	2SB709A/QR/-X	TRANSISTOR		
Q907	UN2111-X	TRANSISTOR		
Q908	UN2211-X	TRANSISTOR		
Q911	2SB1132/QR/-W	TRANSISTOR		
Q921	2SD601A/QR/-X	TRANSISTOR		
Q922	UN2211-X	TRANSISTOR		
Q941	UN2111-X	TRANSISTOR		
Q942	UN2113-X	TRANSISTOR		
Q943	UN2113-X	TRANSISTOR		
Q981	RTR030P02-X	MOS FET		
Q982	UN2213-X	DIGI TRANSISTOR		
Q3801	2SD2114K/VW/-X	TRANSISTOR		
Q7010	UN2211-X	TRANSISTOR		
Q7020	UN2211-X	TRANSISTOR		
Q7201	UN2211-X	TRANSISTOR		
Q7202	UN2211-X	TRANSISTOR		
Q9054	2SB709A/QR/-X	TRANSISTOR		
Q9055	UN2213-X	DIGI TRANSISTOR		
Q9091	UN2211-X	TRANSISTOR		
Q9092	UN2211-X	TRANSISTOR		
Q9093	UN2111-X	TRANSISTOR		
Q9101	2SD601A/QR/-X	TRANSISTOR		
Q9151	UN2211-X	TRANSISTOR		
Q9532	2SB709A/QR/-X	TRANSISTOR		
Q9533	2SB709A/QR/-X	TRANSISTOR		
Q9582	2SB709A/QR/-X	TRANSISTOR		
Q9583	2SB709A/QR/-X	TRANSISTOR		

△ Symbol No.	Part No.	Part Name	Description	Local
Q9632	2SB709A/QR/-X	TRANSISTOR		
Q9633	2SB709A/QR/-X	TRANSISTOR		
Q9682	2SB709A/QR/-X	TRANSISTOR		
Q9683	2SB709A/QR/-X	TRANSISTOR		
D1	MA111-X	SI DIODE		
D2	MA111-X	SI DIODE		
D11	1SR154-400-X	DIODE		
D12	1SR154-400-X	DIODE		
D171	MA152WA-X	DIODE		
D271	MA152WA-X	DIODE		
D702	MA111-X	SI DIODE		
D709	MA8056/M/-X	Z DIODE		
D710	MA8056/M/-X	Z DIODE		
D711	MA8056/M/-X	Z DIODE		
D712	MA8056/M/-X	Z DIODE		
D713	MA8056/M/-X	Z DIODE		
D714	MA8056/M/-X	Z DIODE		
D715	MA8056/M/-X	Z DIODE		
D716	MA8056/M/-X	Z DIODE		
D717	MA8056/M/-X	Z DIODE		
D718	SML-310LT/MN/-X	LED		
D719	SML-310LT/MN/-X	LED		
D722	MA8056/M/-X	Z DIODE		
△ D901	1N5401-F64	DIODE		
D904	CRS03-W	SB DIODE		
D905	CRS03-W	SB DIODE		
D921	1SR154-400-X	DIODE		
D940	UDZS3.3B-X	Z DIODE		
D941	UDZS11B-X	Z DIODE		
D942	MA152WA-X	DIODE		
D943	MA152WA-X	DIODE		
D944	MA111-X	SI DIODE		
D951	UDZS5.1B-X	Z DIODE		
D961	UDZS5.1B-X	Z DIODE		
D971	MA8056/M/-X	Z DIODE		
D972	RB160M-60-X	SB DIODE		
D973	RB160M-60-X	SB DIODE		
D3801	MA111-X	SI DIODE		
D7200	MA8056/M/-X	Z DIODE		
D7401	MA111-X	SI DIODE		
D7501	SIR-34ST3F	SI DIODE		
D9071	CRS03-W	SB DIODE		
D9072	CRS03-W	SB DIODE		
D9076	CRS03-W	SB DIODE		
D9079	1SR154-400-X	DIODE		
D9091	UDZS3.9B-X	Z DIODE		
D9151	MA152WA-X	DIODE		
D9501	CRS03-W	SB DIODE		
D9502	CRS03-W	SB DIODE		
D9503	CRS03-W	SB DIODE		
D9504	CRS03-W	SB DIODE		
D9541	MA111-X	SI DIODE		
D9551	CRS03-W	SB DIODE		
D9552	CRS03-W	SB DIODE		
D9553	CRS03-W	SB DIODE		
D9554	CRS03-W	SB DIODE		
D9601	CRS03-W	SB DIODE		
D9602	CRS03-W	SB DIODE		
D9603	CRS03-W	SB DIODE		
D9604	CRS03-W	SB DIODE		
D9641	MA111-X	SI DIODE		
D9651	CRS03-W	SB DIODE		
D9652	CRS03-W	SB DIODE		
D9653	CRS03-W	SB DIODE		
D9654	CRS03-W	SB DIODE		
C1	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C2	NBE21CM-106X	TA E CAPACITOR	10uF 16V M	
C3	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C4	NBE21CM-106X	TA E CAPACITOR	10uF 16V M	
C5	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C7	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C13	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C21	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C22	NCB31HK-102X	C CAPACITOR	1000pF 50V K	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C28	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C161	NEB21CM-226X	E CAPACITOR	22uF 16V M	
C29	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C162	NEAF1AM-107X	E CAPACITOR	100uF 10V M	
C31	NDC31HJ-221X	C CAPACITOR	220pF 50V J		C163	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C32	NDC31HJ-5R0X	C CAPACITOR	5pF 50V J		C164	NEB21HM-225X	E CAPACITOR	2.2uF 50V M	
C33	NDC31HJ-5R0X	C CAPACITOR	5pF 50V J		C166	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C34	NBE20JM-475X	TA E CAPACITOR	4.7uF 6.3V M		C182	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C35	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C186	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C36	NDC31HJ-181X	C CAPACITOR	180pF 50V J		C191	NBE21CM-106X	TA E CAPACITOR	10uF 16V M	
C37	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C192	NEB21HM-105X	E CAPACITOR	1uF 50V M	
C40	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C193	NEB21HM-105X	E CAPACITOR	1uF 50V M	
C41	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C194	NEAF1CM-106X	E CAPACITOR	10uF 16V M	
C42	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C195	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C43	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C201	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C44	NBE20JM-475X	TA E CAPACITOR	4.7uF 6.3V M		C202	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C45	NBE20JM-475X	TA E CAPACITOR	4.7uF 6.3V M		C203	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C46	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C205	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C47	NBE20JM-475X	TA E CAPACITOR	4.7uF 6.3V M		C206	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C48	NEAF0JM-107X	E CAPACITOR	100uF 6.3V M		C207	NBE41AM-476X	TA E CAPACITOR	47uF 10V M	
C50	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M		C208	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C51	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		C209	NBE21AM-106X	TA E CAPACITOR	10uF 10V M	
C53	NCB31CK-105X	C CAPACITOR	1uF 16V K		C231	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C54	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M		C232	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C55	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C233	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C56	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C234	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C57	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C237	NBE41AM-476X	TA E CAPACITOR	47uF 10V M	
C59	NCB31CK-333X	C CAPACITOR	0.033uF 16V K		C240	NBE41CM-226X	TA E CAPACITOR	22uF 16V M	
C60	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C241	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C61	NEAF0JM-107X	E CAPACITOR	100uF 6.3V M		C242	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C62	NEAF0JM-227X	E CAPACITOR	220uF 6.3V M		C243	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C63	NCB31EK-223X	C CAPACITOR	0.022uF 25V K		C244	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C64	NCB31CK-105X	C CAPACITOR	1uF 16V K		C247	NBE41AM-476X	TA E CAPACITOR	47uF 10V M	
C65	NCB31HK-471X	C CAPACITOR	470pF 50V K		C250	NEB21CM-226X	E CAPACITOR	22uF 16V M	
C66	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C251	NEB21CM-226X	E CAPACITOR	22uF 16V M	
C67	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C252	NEAF1AM-107X	E CAPACITOR	100uF 10V M	
C68	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C253	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C69	NDC31HJ-221X	C CAPACITOR	220pF 50V J		C254	NEB21HM-225X	E CAPACITOR	2.2uF 50V M	
C70	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C256	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C71	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C258	NBE41AM-476X	TA E CAPACITOR	47uF 10V M	
C76	NCB31EK-223X	C CAPACITOR	0.022uF 25V K		C260	NEB21CM-226X	E CAPACITOR	22uF 16V M	
C77	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C261	NEB21CM-226X	E CAPACITOR	22uF 16V M	
C78	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C262	NEAF1AM-107X	E CAPACITOR	100uF 10V M	
C79	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C263	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C80	NCB31EK-223X	C CAPACITOR	0.022uF 25V K		C264	NEB21HM-225X	E CAPACITOR	2.2uF 50V M	
C81	NDC31HJ-221X	C CAPACITOR	220pF 50V J		C266	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C82	NCB31EK-223X	C CAPACITOR	0.022uF 25V K		C282	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C85	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C286	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
C86	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C291	NBE21CM-106X	TA E CAPACITOR	10uF 16V M	
C87	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C292	NEB21HM-105X	E CAPACITOR	1uF 50V M	
C88	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C293	NEB21HM-105X	E CAPACITOR	1uF 50V M	
C89	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C294	NEAF1CM-106X	E CAPACITOR	10uF 16V M	
C90	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C295	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C91	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C301	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C92	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C302	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C99	NCB31HK-332X	C CAPACITOR	3300pF 50V K		C308	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C101	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C311	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C102	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		C312	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C105	NDC31HJ-471X	C CAPACITOR	470pF 50V J		C313	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C106	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C314	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C108	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C131	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C316	NCS31HJ-102X	C CAPACITOR	1000pF 50V J	
C132	NDC31HJ-391X	C CAPACITOR	390pF 50V J		C317	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C133	NDC31HJ-391X	C CAPACITOR	390pF 50V J		C318	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C134	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C321	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C137	NBE41AM-476X	TA E CAPACITOR	47uF 10V M		C322	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C140	NBE41CM-226X	TA E CAPACITOR	22uF 16V M		C323	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C141	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C331	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C142	NDC31HJ-391X	C CAPACITOR	390pF 50V J		C332	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C143	NDC31HJ-391X	C CAPACITOR	390pF 50V J		C344	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
C144	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C345	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C147	NBE41AM-476X	TA E CAPACITOR	47uF 10V M		C346	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C150	NEB21CM-226X	E CAPACITOR	22uF 16V M		C347	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C151	NEB21CM-226X	E CAPACITOR	22uF 16V M		C701	QEZO361-229	C.CAPA	0.022F	
C152	NEAF1AM-107X	E CAPACITOR	100uF 10V M		C702	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C153	NCB31HK-152X	C CAPACITOR	1500pF 50V K		C703	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C154	NEB21HM-225X	E CAPACITOR	2.2uF 50V M		C704	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C156	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C158	NBE41AM-476X	TA E CAPACITOR	47uF 10V M		C707	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C160	NEB21CM-226X	E CAPACITOR	22uF 16V M		C709	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C710	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3806	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C713	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C3808	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C715	NCB31HK-471X	C CAPACITOR	470pF 50V K		C3809	NCB31CK-333X	C CAPACITOR	0.033uF 16V K	
C716	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3810	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C717	NEAF0JM-227X	E CAPACITOR	220uF 6.3V M		C3811	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C718	NEAF0JM-227X	E CAPACITOR	220uF 6.3V M		C3813	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C719	NEAF0JM-227X	E CAPACITOR	220uF 6.3V M		C3814	NBE41CM-226X	TA E CAPACITOR	22uF 16V M	
C720	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3815	NEAF1EM-475X	E CAPACITOR	4.7uF 25V M	
C724	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		C3816	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C726	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3817	NEAF1AM-107X	E CAPACITOR	100uF 10V M	
C791	NEAF0JM-227X	E CAPACITOR	220uF 6.3V M		C3818	NEAF1CM-226X	E CAPACITOR	22uF 16V M	
C900	NCB31HK-471X	C CAPACITOR	470pF 50V K		C5001	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C901	QEZO723-338	E CAPACITOR	3300uF		C5002	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C902	NEAF1CM-226X	E CAPACITOR	22uF 16V M		C5003	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C903	NEAF1CM-226X	E CAPACITOR	22uF 16V M		C5004	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C904	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C5005	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C905	NEAF1AM-107X	E CAPACITOR	100uF 10V M		C5006	QEHP1EM-338	E CAPACITOR	3300uF 25V M	
C906	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C5007	QEHP1EM-338	E CAPACITOR	3300uF 25V M	
C907	NBE21AM-106X	TA E CAPACITOR	10uF 10V M		C5008	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C908	NEAF1AM-107X	E CAPACITOR	100uF 10V M		C5009	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C910	NEAF1CM-106X	E CAPACITOR	10uF 16V M		C5010	NEAF1HM-335X	E CAPACITOR	3.3uF 50V M	
C911	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C5011	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C912	NEAF1HM-225X	E CAPACITOR	2.2uF 50V M		C7001	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C917	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7002	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C921	NEAF1CM-107X	E CAPACITOR	100uF 16V M		C7004	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C922	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7005	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C923	NEHN1EM-476X	E CAPACITOR	47uF 25V M		C7020	NEAF1HM-104X	E CAPACITOR	0.1uF 50V M	
C924	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		C7101	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C925	NEHN1EM-476X	E CAPACITOR	47uF 25V M		C7116	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C941	NEAF1CM-107X	E CAPACITOR	100uF 16V M		C7117	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C942	NEAF0JM-107X	E CAPACITOR	100uF 6.3V M		C7200	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C950	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C951	NEAF1CM-107X	E CAPACITOR	100uF 16V M		C7202	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C952	NEAF0JM-227X	E CAPACITOR	220uF 6.3V M		C7203	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C959	NCB31HK-331X	C CAPACITOR	330pF 50V K		C7204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C960	NEHN1EM-477X	E CAPACITOR	470uF 25V M		C7205	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C961	NCJ11EK-106X-R	C CAPA			C7300	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C962	NEAF0JM-227X	E CAPACITOR	220uF 6.3V M		C7301	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C964	NCJ11EK-106X-R	C CAPA			C7400	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C965	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7401	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C966	NBE21AM-475X	TA E CAPACITOR	4.7uF 10V M		C9070	NEAF1AM-107X	E CAPACITOR	100uF 10V M	
C967	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C9071	NCJ11EK-106X-R	C CAPA		
C968	NCB31HK-331X	C CAPACITOR	330pF 50V K		C9072	NEAF1CM-476X	E CAPACITOR	47uF 16V M	
C969	NCB31HK-331X	C CAPACITOR	330pF 50V K		C9073	NCJ11EK-106X-R	C CAPA		
C970	NBZO020-107X	E CAPACITOR	100uF		C9074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C971	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C9075	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C972	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		C9076	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C973	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		C9077	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C974	NCJ11EK-106X-R	C CAPA			C9078	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C975	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C9081	NCJ11EK-106X-R	C CAPA		
C1401	NEAF1HM-225X	E CAPACITOR	2.2uF 50V M		C9083	NEAF1CM-107X	E CAPACITOR	100uF 16V M	
C1402	NCB31HK-472X	C CAPACITOR	4700pF 50V K		C9084	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1403	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C9085	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1404	NCB31CK-102X	C CAPACITOR	1000pF 16V K		C9088	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1451	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C9089	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C1452	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C9091	NEAF1AM-107X	E CAPACITOR	100uF 10V M	
C1501	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C9092	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C1502	NEAF1HM-105X	E CAPACITOR	1uF 50V M		C9094	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C1801	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C9101	NEAF1CM-106X	E CAPACITOR	10uF 16V M	
C2401	NEAF1HM-225X	E CAPACITOR	2.2uF 50V M		C9151	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2402	NCB31HK-472X	C CAPACITOR	4700pF 50V K		C9202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C2403	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C9501	NEAF1EM-475X	E CAPACITOR	4.7uF 25V M	
C2404	NCB31CK-102X	C CAPACITOR	1000pF 16V K		C9502	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C2451	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C9503	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2452	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C9505	NEAF1AM-107X	E CAPACITOR	100uF 10V M	
C2501	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C9506	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C2502	NEAF1HM-105X	E CAPACITOR	1uF 50V M		C9507	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C2801	NCB31CK-224X	C CAPACITOR	0.22uF 16V K		C9509	NCB31HK-471X	C CAPACITOR	470pF 50V K	
C3111	NCB31CK-105X	C CAPACITOR	1uF 16V K		C9510	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
C3112	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		C9511	NEAF1EM-475X	E CAPACITOR	4.7uF 25V M	
C3114	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		C9515	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3401	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M		C9516	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3403	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		C9517	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C3405	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C9519	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3451	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		C9531	NEAF1CM-226X	E CAPACITOR	22uF 16V M	
C3452	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C9532	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C3803	NEAF1EM-475X	E CAPACITOR	4.7uF 25V M		C9533	NCS31HJ-271X	C CAPACITOR	270pF 50V J	
C3805	NBE41AM-476X	TA E CAPACITOR	47uF 10V M		C9534	NCS31HJ-271X	C CAPACITOR	270pF 50V J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C9535	NFVB1EJ-224X	MF CAPACITOR	0.22uF 25V J		C9668	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C9536	NFVB1EJ-224X	MF CAPACITOR	0.22uF 25V J		C9669	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C9538	NCJ11EK-106X-R	C CAPA			C9681	NEAF1CM-226X	E CAPACITOR	22uF 16V M	
C9539	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C9683	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9540	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C9684	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9542	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9685	NFVB1EJ-224X	MF CAPACITOR	0.22uF 25V J	
C9543	NBE21CM-106X	TA E CAPACITOR	10uF 16V M		C9686	NFVB1EJ-224X	MF CAPACITOR	0.22uF 25V J	
C9544	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9687	NCB11HK-224X	C CAPACITOR	0.22uF 50V K	
C9545	NCB11HK-224X	C CAPACITOR	0.22uF 50V K		C9688	NCJ11EK-106X-R	C CAPA		
C9551	NEAF1EM-475X	E CAPACITOR	4.7uF 25V M		C9689	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9552	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C9690	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C9553	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C9693	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9555	NEAF1AM-107X	E CAPACITOR	100uF 10V M		C9694	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9556	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C9695	NCB11HK-224X	C CAPACITOR	0.22uF 50V K	
C9557	NCB31HK-222X	C CAPACITOR	2200pF 50V K		C9697	NCB11HK-224X	C CAPACITOR	0.22uF 50V K	
C9559	NCB31HK-471X	C CAPACITOR	470pF 50V K		C9916	NBE41EM-475X	TA E CAPACITOR	4.7uF 25V M	
C9560	NCB31HK-272X	C CAPACITOR	2700pF 50V K		C9917	NBE41EM-475X	TA E CAPACITOR	4.7uF 25V M	
C9561	NEAF1EM-475X	E CAPACITOR	4.7uF 25V M						
C9563	NCS31HJ-271X	C CAPACITOR	270pF 50V J		R2	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C9564	NCS31HJ-271X	C CAPACITOR	270pF 50V J		R3	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9565	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R4	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9566	NCB31CK-105X	C CAPACITOR	1uF 16V K		R5	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C9567	NDC31HJ-121X	C CAPACITOR	120pF 50V J		R6	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C9568	NCB31HK-332X	C CAPACITOR	3300pF 50V K		R7	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9569	NCB31CK-105X	C CAPACITOR	1uF 16V K		R8	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9581	NEAF1CM-226X	E CAPACITOR	22uF 16V M		R9	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
C9583	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R10	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
C9584	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R11	NRS181J-100X	MG RESISTOR	10Ω 1/8W J	
C9585	NFVB1EJ-224X	MF CAPACITOR	0.22uF 25V J		R12	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C9586	NFVB1EJ-224X	MF CAPACITOR	0.22uF 25V J		R13	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C9587	NCB11HK-224X	C CAPACITOR	0.22uF 50V K		R40	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9588	NCJ11EK-106X-R	C CAPA			R41	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
C9589	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R42	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C9590	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R43	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C9593	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R45	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C9594	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R49	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C9595	NCB11HK-224X	C CAPACITOR	0.22uF 50V K		R58	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C9597	NCB11HK-224X	C CAPACITOR	0.22uF 50V K		R60	NRSA02J-100X	MG RESISTOR	10Ω 1/10W J	
C9601	NEAF1EM-475X	E CAPACITOR	4.7uF 25V M		R61	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9602	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R62	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9603	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R63	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9605	NEAF1AM-107X	E CAPACITOR	100uF 10V M		R64	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9606	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R65	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9607	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R66	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9609	NCB31HK-471X	C CAPACITOR	470pF 50V K		R67	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9610	NCB31HK-272X	C CAPACITOR	2700pF 50V K		R68	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9611	NEAF1EM-475X	E CAPACITOR	4.7uF 25V M		R69	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9615	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R70	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9616	NCB31CK-105X	C CAPACITOR	1uF 16V K		R71	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9617	NDC31HJ-121X	C CAPACITOR	120pF 50V J		R78	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9619	NCB31CK-105X	C CAPACITOR	1uF 16V K		R82	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9631	NEAF1CM-226X	E CAPACITOR	22uF 16V M		R84	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9632	NCB31HK-332X	C CAPACITOR	3300pF 50V K		R85	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9633	NCS31HJ-271X	C CAPACITOR	270pF 50V J		R91	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9634	NCS31HJ-271X	C CAPACITOR	270pF 50V J		R92	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9635	NFVB1EJ-224X	MF CAPACITOR	0.22uF 25V J		R93	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9636	NFVB1EJ-224X	MF CAPACITOR	0.22uF 25V J		R94	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
C9638	NCJ11EK-106X-R	C CAPA			R95	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
C9639	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R96	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C9640	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R100	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C9642	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R101	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C9643	NBE21CM-106X	TA E CAPACITOR	10uF 16V M		R102	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C9644	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R103	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C9645	NCB11HK-224X	C CAPACITOR	0.22uF 50V K		R104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C9651	NEAF1EM-475X	E CAPACITOR	4.7uF 25V M		R105	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C9652	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R106	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C9653	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R107	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C9655	NEAF1AM-107X	E CAPACITOR	100uF 10V M		R108	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C9656	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R109	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C9657	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R110	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C9659	NCB31HK-471X	C CAPACITOR	470pF 50V K		R111	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C9660	NCB31HK-272X	C CAPACITOR	2700pF 50V K		R112	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
C9661	NEAF1EM-475X	E CAPACITOR	4.7uF 25V M		R113	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C9663	NCS31HJ-271X	C CAPACITOR	270pF 50V J		R114	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C9664	NCS31HJ-271X	C CAPACITOR	270pF 50V J		R115	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C9665	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R116	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
C9666	NCB31CK-105X	C CAPACITOR	1uF 16V K		R117	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C9667	NDC31HJ-121X	C CAPACITOR	120pF 50V J		R118	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R719	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R906	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R720	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R908	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R721	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R909	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R722	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R911	NRS181J-222X	MG RESISTOR	2.2kΩ 1/8W J	
R723	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R912	NRS181J-222X	MG RESISTOR	2.2kΩ 1/8W J	
R724	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R913	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R725	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R914	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R726	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R918	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R727	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R919	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R728	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R921	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R730	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R922	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R731	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R923	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R732	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R924	NRSA63J-753X	MG RESISTOR	75kΩ 1/16W J	
R734	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R925	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R735	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R926	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R736	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R935	NRSA63J-513X	MG RESISTOR	51kΩ 1/16W J	
R737	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R940	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R738	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R941	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R739	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R942	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R740	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R951	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R741	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R952	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R742	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R957	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R743	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R958	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R744	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R959	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R745	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R961	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R746	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R964	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R747	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R965	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R748	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R966	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R749	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R967	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R750	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R969	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R751	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R970	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R752	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R971	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R753	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R984	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R754	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R985	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R755	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R1401	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R756	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1402	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R757	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R1404	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R758	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1501	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R759	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1502	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R760	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1503	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R761	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1504	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R762	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R2401	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R763	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R2402	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R764	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R2404	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	
R765	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R2501	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R767	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R2502	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R768	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R2503	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R769	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2504	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R770	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3401	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R771	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3403	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R772	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3405	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R773	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R3651	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R774	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3801	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J	
R775	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3802	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R776	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		R3803	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R777	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3805	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R778	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3807	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R779	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R3808	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R780	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R3809	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R781	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R3810	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R782	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3811	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R783	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3812	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
R786	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3813	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J	
R787	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3814	NRSA63J-363X	MG RESISTOR	36kΩ 1/16W J	
R788	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3815	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R789	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3816	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R790	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3817	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
R791	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R5005	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R792	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7001	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R793	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7003	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R794	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R7004	NRSA63J-106X	MG RESISTOR	10MΩ 1/16W J	
R795	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R7005	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R796	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R7006	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R901	NRS181J-103X	MG RESISTOR	10kΩ 1/8W J		R7007	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R902	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R7011	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R903	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R7012	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7013	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R905	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R7014	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R7020	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R9510	NRVA63B-562X	CMF RESISTOR	5.6kΩ 1/16W B	
R7021	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R9511	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R9512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7102	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		R9513	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R7105	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R9514	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7106	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R9515	NRVA63B-223X	CMF RESISTOR	22kΩ 1/16W B	
R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9516	NRVA63B-223X	CMF RESISTOR	22kΩ 1/16W B	
R7110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7111	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R9518	NRVA63B-472X	CMF RESISTOR	4.7kΩ 1/16W B	
R7112	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		R9519	NRVA63B-472X	CMF RESISTOR	4.7kΩ 1/16W B	
R7113	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R9520	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R7116	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R9523	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R7117	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R9524	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7118	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R9525	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R7200	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R9526	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7202	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9533	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9535	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7211	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R9536	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7212	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R9537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7213	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J		R9538	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R7214	NRSA02J-150X	MG RESISTOR	15Ω 1/10W J		R9539	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R7215	NRSA02J-2R2X	MG RESISTOR	2.2Ω 1/10W J		R9541	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9542	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R7222	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9551	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7223	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9552	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R7224	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9554	NRVA63B-562X	CMF RESISTOR	5.6kΩ 1/16W B	
R7225	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9555	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7400	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R9556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7401	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R9557	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7501	NRS181J-181X	MG RESISTOR	180Ω 1/8W J		R9559	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R7701	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R9560	NRVA63B-562X	CMF RESISTOR	5.6kΩ 1/16W B	
R7702	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R9561	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R7706	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R9562	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7707	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R9563	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R7708	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R9564	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7901	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R9565	NRVA63B-223X	CMF RESISTOR	22kΩ 1/16W B	
R7902	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R9566	NRVA63B-223X	CMF RESISTOR	22kΩ 1/16W B	
R7903	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J		R9567	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R9568	NRVA63B-472X	CMF RESISTOR	4.7kΩ 1/16W B	
R9051	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R9569	NRVA63B-472X	CMF RESISTOR	4.7kΩ 1/16W B	
R9054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R9570	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9055	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R9573	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R9574	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9070	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		R9575	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R9072	NRSA02J-683X	MG RESISTOR	68kΩ 1/10W J		R9576	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9073	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J		R9578	NRS181J-120X	MG RESISTOR	12Ω 1/8W J	
R9074	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J		R9581	NRS016J-100X	MG RESISTOR	10Ω 1W J	
R9075	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R9583	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9076	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		R9584	NRS181J-120X	MG RESISTOR	12Ω 1/8W J	
R9077	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R9585	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9078	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D		R9586	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R9079	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J		R9587	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9081	NRS181J-220X	MG RESISTOR	22Ω 1/8W J		R9588	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R9082	NRS181J-220X	MG RESISTOR	22Ω 1/8W J		R9589	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9091	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R9591	NRS016J-100X	MG RESISTOR	10Ω 1W J	
R9092	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R9593	NRS181J-120X	MG RESISTOR	12Ω 1/8W J	
R9101	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R9594	NRS181J-120X	MG RESISTOR	12Ω 1/8W J	
R9102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R9601	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9103	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R9602	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R9151	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R9604	NRVA63B-562X	CMF RESISTOR	5.6kΩ 1/16W B	
R9152	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R9605	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9201	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R9606	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9202	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R9607	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9203	NRSA63J-242X	MG RESISTOR	2.4kΩ 1/16W J		R9609	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J	
R9204	NRSA63J-242X	MG RESISTOR	2.4kΩ 1/16W J		R9610	NRVA63B-562X	CMF RESISTOR	5.6kΩ 1/16W B	
R9205	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R9611	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R9206	NRSA63J-242X	MG RESISTOR	2.4kΩ 1/16W J		R9612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9207	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R9613	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R9208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R9614	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9210	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		R9615	NRVA63B-223X	CMF RESISTOR	22kΩ 1/16W B	
R9211	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R9616	NRVA63B-223X	CMF RESISTOR	22kΩ 1/16W B	
R9501	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R9617	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9502	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R9618	NRVA63B-472X	CMF RESISTOR	4.7kΩ 1/16W B	
R9504	NRVA63B-562X	CMF RESISTOR	5.6kΩ 1/16W B		R9619	NRVA63B-472X	CMF RESISTOR	4.7kΩ 1/16W B	
R9505	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R9620	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R9506	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R9623	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9507	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R9624	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9509	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J		R9625	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R9626	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		CN345	QGA2501C1-07	CONNECTOR	W-B (1-7)	
R9634	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		CN351	QNZ0095-001	CONNECTOR		
R9635	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN381	QGA2501C1-06	CONNECTOR	W-B (1-6)	
R9636	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		CN701	QGF1041C1-16W	CONNECTOR	FFC/FPC (1-16)	
R9637	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		CN720	QGA2006C1-02	CONNECTOR	W-B (1-2)	
R9638	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		CN721	QGB2027M5-20S	CONNECTOR	B-B (1-20)	
R9639	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		CN901	QNZ0090-001	CAR CONNECTOR		
R9641	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		CN911	QGA2501C1-02	CONNECTOR	W-B (1-2)	
R9642	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J		CN912	QGA2001C1-04	CONNECTOR	W-B (1-4)	
R9651	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		J1	QAM0556-001	ANT CABLE		
R9652	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		K5001	QQR0678-001Z	FERRITE BEADS		
R9654	NRVA63B-562X	CMF RESISTOR	5.6kΩ 1/16W B		K5002	QQR0678-001Z	FERRITE BEADS		
R9655	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		K5003	QQR0678-001Z	FERRITE BEADS		
R9656	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		K7200	NQR0022-005X	FERRITE BEADS		
R9657	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		K7201	NQR0022-005X	FERRITE BEADS		
R9659	NRSA63J-155X	MG RESISTOR	1.5MΩ 1/16W J		PP1	QZW0010-001	STYLE PIN		
R9660	NRVA63B-562X	CMF RESISTOR	5.6kΩ 1/16W B		PP2	QZW0010-001	STYLE PIN		
R9661	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		TH901	NAD0036-224X	N THERMISTOR	220kΩ	
R9662	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		TH902	NAD0031-002X	N THERMISTOR	Ω	
R9663	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J		△ TU1	QAU0325-004	TUNER PACK		
R9664	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		W501	QAM0741-001	CAR CABLE		
R9665	NRVA63B-223X	CMF RESISTOR	22kΩ 1/16W B		W951	QAM0740-001	CAR CABLE		
R9666	NRVA63B-223X	CMF RESISTOR	22kΩ 1/16W B		X1	NAX0749-001X	CRYSTAL		
R9667	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		X342	NAX0664-001X	CRYSTAL		
R9668	NRVA63B-472X	CMF RESISTOR	4.7kΩ 1/16W B		X701	NAX0552-001X	RESONATOR		
R9669	NRVA63B-472X	CMF RESISTOR	4.7kΩ 1/16W B		X702	QAX0401-001	CRYSTAL	32.768KHz	
R9670	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J						
R9673	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J						
R9674	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J						
R9675	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J						
R9676	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J						
R9678	NRS181J-120X	MG RESISTOR	12Ω 1/8W J						
R9681	NRS016J-100X	MG RESISTOR	10Ω 1W J						
R9683	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R9684	NRS181J-120X	MG RESISTOR	12Ω 1/8W J						
R9685	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R9686	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J						
R9687	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R9688	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J						
R9689	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J						
R9691	NRS016J-100X	MG RESISTOR	10Ω 1W J						
R9693	NRS181J-120X	MG RESISTOR	12Ω 1/8W J						
R9694	NRS181J-120X	MG RESISTOR	12Ω 1/8W J						
R9701	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R9702	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R9707	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R9708	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R9751	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R9752	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R9757	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R9758	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
L1	NQL79GM-4R7X	COIL	4.7uH M						
L30	NQR0129-003X	FERRITE BEADS							
L31	NQL093K-2R2X	COIL	2.2uH K						
L40	NQR0129-003X	FERRITE BEADS							
L61	NQR0129-003X	FERRITE BEADS							
L63	NQL093K-1R8X	COIL	1.8uH K						
L201	NQL382M-470X	COIL	47uH M						
L202	NQL382M-470X	COIL	47uH M						
L301	NQL382M-470X	COIL	47uH M						
L302	NQL382M-100X	COIL	10uH M						
L701	NQL79GM-100X	COIL	10uH M						
L706	NQL79GM-4R7X	COIL	4.7uH M						
L901	NQL114K-100X	COIL	10uH K						
△ L951	QQR1660-001	CHOKE COIL							
△ L952	QQR1660-001	CHOKE COIL							
△ L955	QQR1660-001	CHOKE COIL							
△ L956	QQR1660-001	CHOKE COIL							
△ L961	QQR1660-001	CHOKE COIL							
△ L962	QQR1660-001	CHOKE COIL							
△ L965	QQR1660-001	CHOKE COIL							
△ L966	QQR1660-001	CHOKE COIL							
△ L5001	QQR1669-001	CHOKE COIL							
L7201	NQL79GM-470X	COIL	47uH M						
L9071	NQL56CK-220X	INDUCTOR	22uH K						
BZ720	QAN0023-001Z	BUZZER							

Switch board

Block No. [0][2]

△ Symbol No.	Part No.	Part Name	Description	Local
IC461	GP1UX511RK	RM.RECEIVER		
IC471	K4S161622H-UC60	IC		
IC471	or MSM56V16160F8T3	IC		
IC491	SG32M90TFIR31E	IC(PROGRAMED)		
△ IC801	MN103S77NEB	IC		
IC881	IC-PST3424U-X	IC		
Q430	UN2211-X	TRANSISTOR		
Q431	UN2211-X	TRANSISTOR		
Q440	2SB709A/QR/-X	TRANSISTOR		
Q441	2SB709A/QR/-X	TRANSISTOR		
Q442	2SB709A/QR/-X	TRANSISTOR		
Q471	UN2211-X	TRANSISTOR		
Q472	UN211L-X	TRANSISTOR		
Q880	2SD601A/QR/-X	TRANSISTOR		
Q881	2SD601A/QR/-X	TRANSISTOR		
D401	MA8062/M/-X	Z DIODE		
D402	MA8062/M/-X	Z DIODE		
D403	MA8062/M/-X	Z DIODE		
D404	MA8062/M/-X	Z DIODE		
D405	MA8062/M/-X	Z DIODE		
D406	MA8062/M/-X	Z DIODE		
D407	MA8062/M/-X	Z DIODE		
D408	MA8062/M/-X	Z DIODE		
D409	MA8062/M/-X	Z DIODE		
D410	NECBB205/WQR/-X	LED		
D411	NECBB205/WQR/-X	LED		
D412	NECBB205/WQR/-X	LED		
D413	NECBB205/WQR/-X	LED		
D414	NECBB205/WQR/-X	LED		
D415	NECBB205/WQR/-X	LED		
D416	NECBB205/WQR/-X	LED		
D417	MA8056/M/-X	Z DIODE		
D420	S30AW0A03/5B3-X	LED		
D421	S30AW0A03/5B3-X	LED		
D422	S30AW0A03/5B3-X	LED		
D430	SML-310LT/MN/-X	LED		
D431	SML-310LT/MN/-X	LED		
D441	MA152WK-X	SI DIODE		
D474	MA111-X	SI DIODE		
D478	MA111-X	SI DIODE		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
D490	MA8062/M/-X	Z DIODE			R810	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
D491	UDZS11B-X	Z DIODE			R811	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
D881	MA152WA-X	DIODE			R812	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
D882	MA111-X	SI DIODE			R813	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C401	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R814	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C461	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		R815	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C471	NDC31HJ-471X	C CAPACITOR	470pF 50V J		R816	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C472	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		R817	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C473	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		R818	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C491	NDC31HJ-471X	C CAPACITOR	470pF 50V J		R819	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C492	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		R820	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C493	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		R821	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C801	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		R825	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C802	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		R826	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C804	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R827	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C805	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R828	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C806	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R829	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C811	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		R846	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
C872	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		R847	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
C874	NCB31EK-473X	C CAPACITOR	0.047uF 25V K		R848	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
C881	NBE20JM-475X	TA E CAPACITOR	4.7uF 6.3V M		R849	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
C882	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		R850	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
C891	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		R851	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
C892	NCB31CK-473X	C CAPACITOR	0.047uF 16V K		R852	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R410	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R853	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R411	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R854	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R412	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R855	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R413	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R857	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R414	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R858	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R415	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R859	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R416	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R870	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R417	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R873	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R420	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R878	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R421	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R879	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R422	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R880	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R423	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R881	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R424	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R882	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R425	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R883	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R430	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R884	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R431	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R885	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R432	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R886	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R441	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R891	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R442	NRSA63J-301X	MG RESISTOR	300Ω 1/16W J		R892	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R443	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R893	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R444	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J		R895	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R445	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R896	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R446	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R898	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R448	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		RA801	NRZ0065-330X	NET RESISTOR	33Ω	
R449	NRSA63J-301X	MG RESISTOR	300Ω 1/16W J		RA802	NRZ0065-330X	NET RESISTOR	33Ω	
R450	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		RA803	NRZ0065-330X	NET RESISTOR	33Ω	
R451	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J		RA804	NRZ0065-330X	NET RESISTOR	33Ω	
R452	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		RA805	NRZ0065-330X	NET RESISTOR	33Ω	
R453	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		RA806	NRZ0065-330X	NET RESISTOR	33Ω	
R454	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		RA807	NRZ0065-330X	NET RESISTOR	33Ω	
R455	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		RA808	NRZ0065-330X	NET RESISTOR	33Ω	
R456	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J		RA809	NRZ0065-330X	NET RESISTOR	33Ω	
R461	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		L891	NQL79GM-4R7X	COIL	4.7uH M	
R462	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		CN801	NNZ0098-003X	CAR CONNECTOR		
R463	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		CN871	QGF0534F1-30X	CONNECTOR	FFC/FPC (1-30)	
R464	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		EN401	QSW1025-001	ROTARY ENCODER		
R470	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		K471	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R471	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		K491	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R472	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		K801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R473	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		K802	NQR0360-004X	FERRITE BEADS		
R474	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S441	NSW0124-001X	TACT SW		
R480	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		S442	NSW0124-001X	TACT SW		
R499	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		S443	NSW0124-001X	TACT SW		
R801	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S444	NSW0124-001X	TACT SW		
R802	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S445	NSW0220-001X	TACT SW		
R803	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		S446	NSW0220-001X	TACT SW		
R804	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S448	NSW0124-001X	TACT SW		
R805	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S449	NSW0124-001X	TACT SW		
R806	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S450	NSW0124-001X	TACT SW		
R807	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S451	NSW0124-001X	TACT SW		
R808	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S453	NSW0124-001X	TACT SW		
R809	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S811	NSW0124-001X	TACT SW		

△ Symbol No.	Part No.	Part Name	Description	Local
X801	NAX0663-001X	C RESONATOR		

Mechanism control board

Block No. [0][3]

△ Symbol No.	Part No.	Part Name	Description	Local
IC430	SN74AHC04PW-X	IC		
IC502	BR24L01AFV-W-X	IC		
IC503	SN74AHCT126PW-X	IC(DIGITAL)		
IC504	NJU7241F33-X	IC		
IC601	TC94A15FG	IC		
IC651	NJU772F15-X	IC		
IC652	TC94A34FG-002	IC		
IC653	MSM51V17405F5TS	IC		
IC654	SN74CBTLV3257PX	IC		
IC655	SN74AHC1G08V-X	IC		
IC681	LA6242H-X	IC		
Q430	2SB624/4-X	TRANSISTOR		
Q431	UN2211-X	TRANSISTOR		
Q501	UN211M-X	DIGI TRANSISTOR		
Q502	UN2211-X	TRANSISTOR		
Q503	RPM-22PB	PHOTO TRANSISTOR		
Q504	UN2211-X	TRANSISTOR		
Q601	2SB1132/QR/-W	TRANSISTOR		
Q651	UN2211-X	TRANSISTOR		
Q652	2SB624/4-X	TRANSISTOR		
Q681	2SB1184/QR/-X	TRANSISTOR		
D506	1SS355-X	SI DIODE		
D682	1SR154-400-X	DIODE		
C431	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C432	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C433	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C501	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C502	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C503	NEAG0GM-227X	E CAPACITOR	220uF 4V M	
C504	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C505	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
C506	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C507	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C508	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C509	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C510	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C511	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C512	NEAG0GM-227X	E CAPACITOR	220uF 4V M	
C513	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C514	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C516	NEAG0GM-227X	E CAPACITOR	220uF 4V M	
C530	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C551	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C597	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C598	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C599	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C601	NEAF0JM-107X	E CAPACITOR	100uF 6.3V M	
C602	NCB31HK-681X	C CAPACITOR	680pF 50V K	
C603	NEAF0JM-107X	E CAPACITOR	100uF 6.3V M	
C604	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C605	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C606	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C607	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C608	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C610	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C612	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C613	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C614	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C615	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
C616	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C617	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C618	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C621	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

△ Symbol No.	Part No.	Part Name	Description	Local
C622	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C623	NCS31HJ-470X	C CAPACITOR	47pF 50V J	
C624	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C625	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C626	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C627	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C629	NCB31EK-333X	C CAPACITOR	0.033uF 25V K	
C630	NCB31EK-333X	C CAPACITOR	0.033uF 25V K	
C631	NCS31HJ-471X	C CAPACITOR	470pF 50V J	
C632	NCS31HJ-471X	C CAPACITOR	470pF 50V J	
C633	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C634	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C635	NCB31CK-153X	C CAPACITOR	0.015uF 16V K	
C636	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C637	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C638	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C640	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C641	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C642	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C643	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C644	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C645	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C646	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C647	NCS31HJ-680X	C CAPACITOR	68pF 50V J	
C648	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C649	NCB31HK-562X	C CAPACITOR	5600pF 50V K	
C651	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C652	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C653	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C654	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C655	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C656	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C658	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C659	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C660	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C661	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C662	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C663	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C664	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C665	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C666	NCS31HJ-101X	C CAPACITOR	100pF 50V J	
C668	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C669	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C670	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C671	NBE21AM-106X	TA E CAPACITOR	10uF 10V M	
C672	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C674	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C675	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C677	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C678	NDC31HJ-471X	C CAPACITOR	470pF 50V J	
C680	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C682	NEAF1EM-475X	E CAPACITOR	4.7uF 25V M	
C683	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C684	NEAF1CM-476X	E CAPACITOR	47uF 16V M	
C685	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C686	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C687	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C688	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	
C689	NEAF1CM-476X	E CAPACITOR	47uF 16V M	
C690	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C693	NEAF1CM-476X	E CAPACITOR	47uF 16V M	
C907	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	
C908	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R431	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R432	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R434	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R437	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R438	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R439	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R440	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R441	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R502	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R503	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R504	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R506	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	

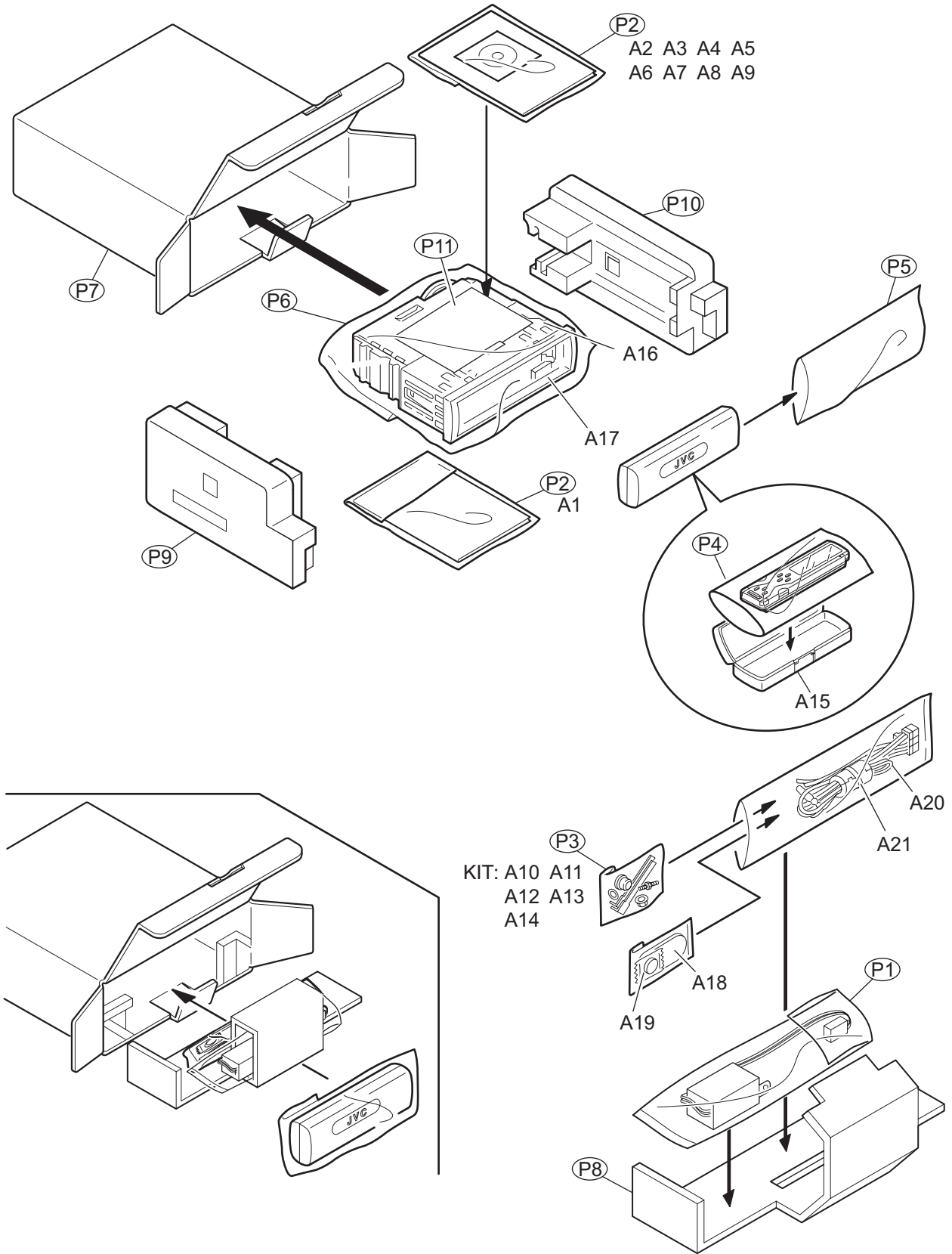
△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R507	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R594	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R508	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R509	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R601	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R510	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R602	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R603	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D	
R512	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R604	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D	
R513	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R605	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R514	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R606	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R515	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R609	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R516	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R611	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R517	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R612	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R518	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R613	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R519	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R614	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R520	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R615	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
R521	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R617	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R522	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R618	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R523	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R619	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R524	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R621	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R526	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R622	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R527	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R623	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R531	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R624	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R532	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R625	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R533	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R626	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R534	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R627	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R539	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R628	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	
R540	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R629	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R541	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R630	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R631	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R543	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R632	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R544	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R635	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R545	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R636	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R546	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R637	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R547	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R638	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R548	NRSA63D-822X	MG RESISTOR	8.2kΩ 1/16W D		R639	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R549	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R640	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R550	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R641	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R551	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R642	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R552	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R643	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R553	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		R651	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R554	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R653	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R555	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R655	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R556	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R656	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R557	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R657	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R558	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R658	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R559	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R659	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R560	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R660	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R561	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		R661	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R562	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		R665	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R563	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R666	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R564	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R675	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R565	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R678	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R566	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R680	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J	
R567	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R681	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R568	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R682	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R569	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R683	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R570	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R684	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R571	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R685	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R573	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R686	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R574	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R687	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R575	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		R688	NRSA63D-163X	MG RESISTOR	16kΩ 1/16W D	
R576	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		R689	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R577	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R901	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R578	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R902	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R579	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R903	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R580	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R904	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R581	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R905	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R582	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R906	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R583	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R907	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R584	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R908	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R585	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R909	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R586	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L432	NQL093K-1R8X	COIL	1.8uH K	
R587	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L501	NQL114K-470X	COIL	47uH K	
R588	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L502	NQL114K-470X	COIL	47uH K	
R589	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L621	NQL114K-470X	COIL	47uH K	
R590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L622	NQL114K-470X	COIL	47uH K	
R591	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L623	NQL114K-470X	COIL	47uH K	
R592	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		L624	NQL114K-470X	COIL	47uH K	
R593	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						

△ Symbol No.	Part No.	Part Name	Description	Local
L651	NQL114K-470X	COIL	47uH K	
L652	NQL114K-470X	COIL	47uH K	
L653	NQL114K-470X	COIL	47uH K	
L654	NQL114K-470X	COIL	47uH K	
L655	NQL114K-470X	COIL	47uH K	
L656	NQL114K-470X	COIL	47uH K	
L901	NQL114K-470X	COIL	47uH K	
CN502	QGF0501F1-08X	CONNECTOR	FFC/FPC (1-8)	
CN503	QGB2027L5-20X	CONNECTOR	B-B (1-20)	
CN601	QGF1006F2-15W	CONNECTOR	FFC/FPC (1-15)	
CN602	QGF1038F1-05X	CONNECTOR	FFC/FPC (1-5)	
CN901	NNZ0104-001X	SD CARD CONNE		
SW4	NSW0219-001X	PUSH SWITCH		
SW5	NSW0219-001X	PUSH SWITCH		
TH501	NAD0028-103X	N THERMISTOR	10kΩ	
X430	NAX0375-001X	CRYSTAL	16.9344MHz	
X501	NAX0385-001X	CRYSTAL	24.576MHz	

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	LVT1372-002A	INST BOOK	SPA GRE POR	SHX851E
	A 1	LVT1372-007A	INST BOOK	SPA TUR PER	SHX851EU
	A 1	LVT1372-004A	INST BOOK	DUT SWE DAN FIN	SHX851EX
	A 1	LVT1372-006A	INST BOOK	POL CZE HUN	SHX851EY
	A 2	LVT1372-001A	INST BOOK	ENG FRE ITA	SHX851E
	A 2	LVT1372-003A	INST BOOK	ENG FRE	SHX851EU,SHX851EX
	A 2	LVT1372-005A	INST BOOK	ENG GER RUS	SHX851EY
	A 3	LVT1372-008A	INSTALL MANUAL		SHX851E
	A 3	LVT1372-010A	INSTALL MANUAL		SHX851EU,SHX851EX
	A 3	LVT1372-012A	INSTALL MANUAL		SHX851EY
	A 4	LVT1372-009A	INSTALL MANUAL		SHX851E
	A 4	LVT1372-014A	INSTALL MANUAL		SHX851EU
	A 4	LVT1372-011A	INSTALL MANUAL		SHX851EX
	A 4	LVT1372-013A	INSTALL MANUAL		SHX851EY
	A 5	VND3046-001	SERIAL TICKET		
	A 6	VND3050-002	IDENTITY CARD		SHX851E,SHX851EX,SHX851EY
	A 7	-----	WARRANTY CARD	BT-54026-1	
	A 8	LVT1300-003A	IMAGE CONV.SHEE		
	A 9	QAM0688-001	CD ROM		
	A 10	VKZ4027-202	PLUG NUT		
	A 11	VKH4871-003SS	MOUNT BOLT		
	A 12	VKZ4328-003	LOCK NUT		
	A 13	QYWSS50A010ZA	WASHER	0.1mm/5mm x	
	A 14	GE40130-002A	HOOK	(x2)	
	A 15	FSJB3002-00F	HARD CASE ASSY		
	A 16	GE20137-003A	MOUNTING SLEEVE		
	A 17	LV21648-203A	TRIM PLATE		
	A 18	RM-RK300	REMOCON		
	A 19	-----	BATTERY		
	A 20	QAM0566-002	CAR CABLE		
△	A 21	QQR0491-001	FERRITE CORE	TDK (GRAY)	
	KIT	SRW-SHX751E	SCREW PART KIT	A10 A11 A12 A13 A14	
	P 1	QPA01003503	POLY BAG	10cm x 35cm	
	P 2	QPA01703505P	POLY BAG	17cm x 35cm(x2)	
	P 3	QPA00801205	POLY BAG	8cm x 12cm	
	P 4	QPC01002515	POLY BAG	10cm x 25cm	
	P 5	QPA01003003	POLY BAG	10cm x 30cm	
	P 6	QPC03004315P	POLY BAG	30cm x 43cm	
	P 7	LV36205-001A	CARTON		
	P 8	LV36270-001A	SEPARATOR		
	P 9	LV11111-001A	CUSHION(L)		
	P 10	LV11112-001A	CUSHION(R)		
	P 11	LVT1408-002A	CAUTION SHEET		

JVC

SCHEMATIC DIAGRAMS

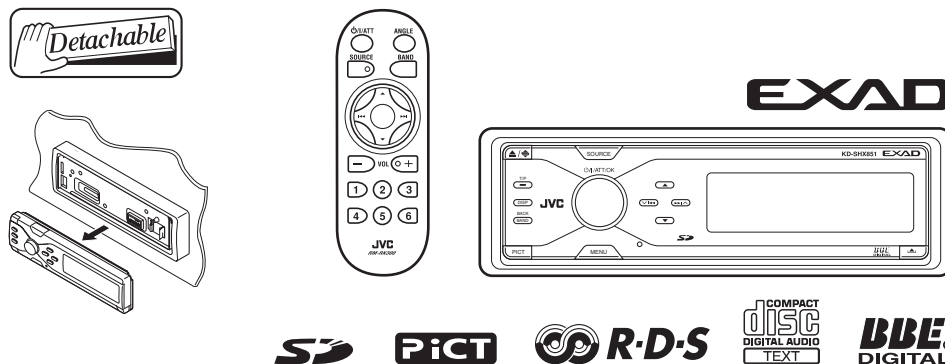
CD/SD RECEIVER

KD-SHX851

CD-ROM No.SML200506

Area suffix

E ----- Southern Europe
EX ----- Northern Europe
EY ----- Eastern Europe
EU ----- Turkey




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

Contents

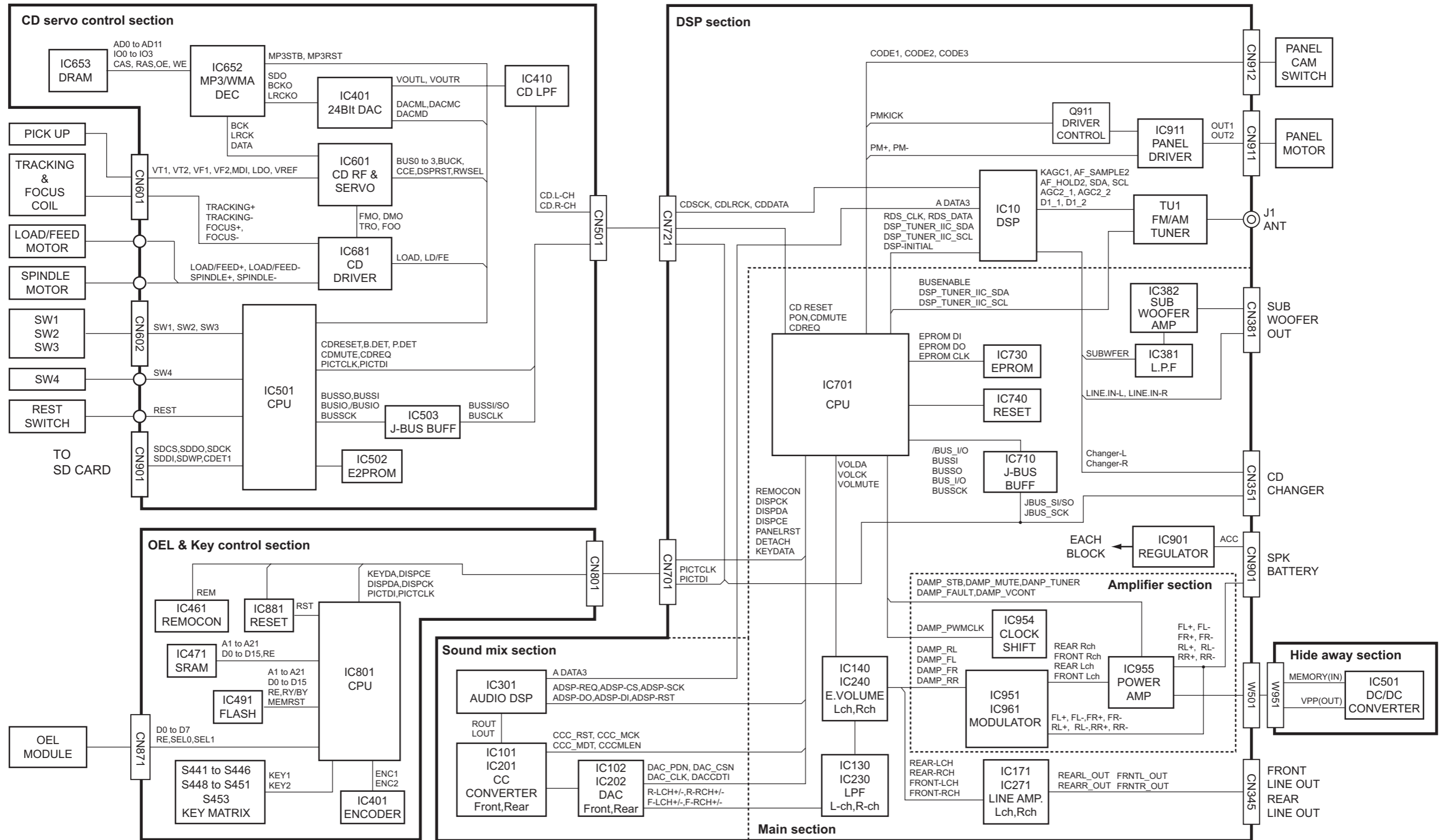
Block diagram	2-1
Standard schematic diagrams	2-2
Printed circuit boards	2-8 to 10

Safety precaution

 **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 performing repair of this system.

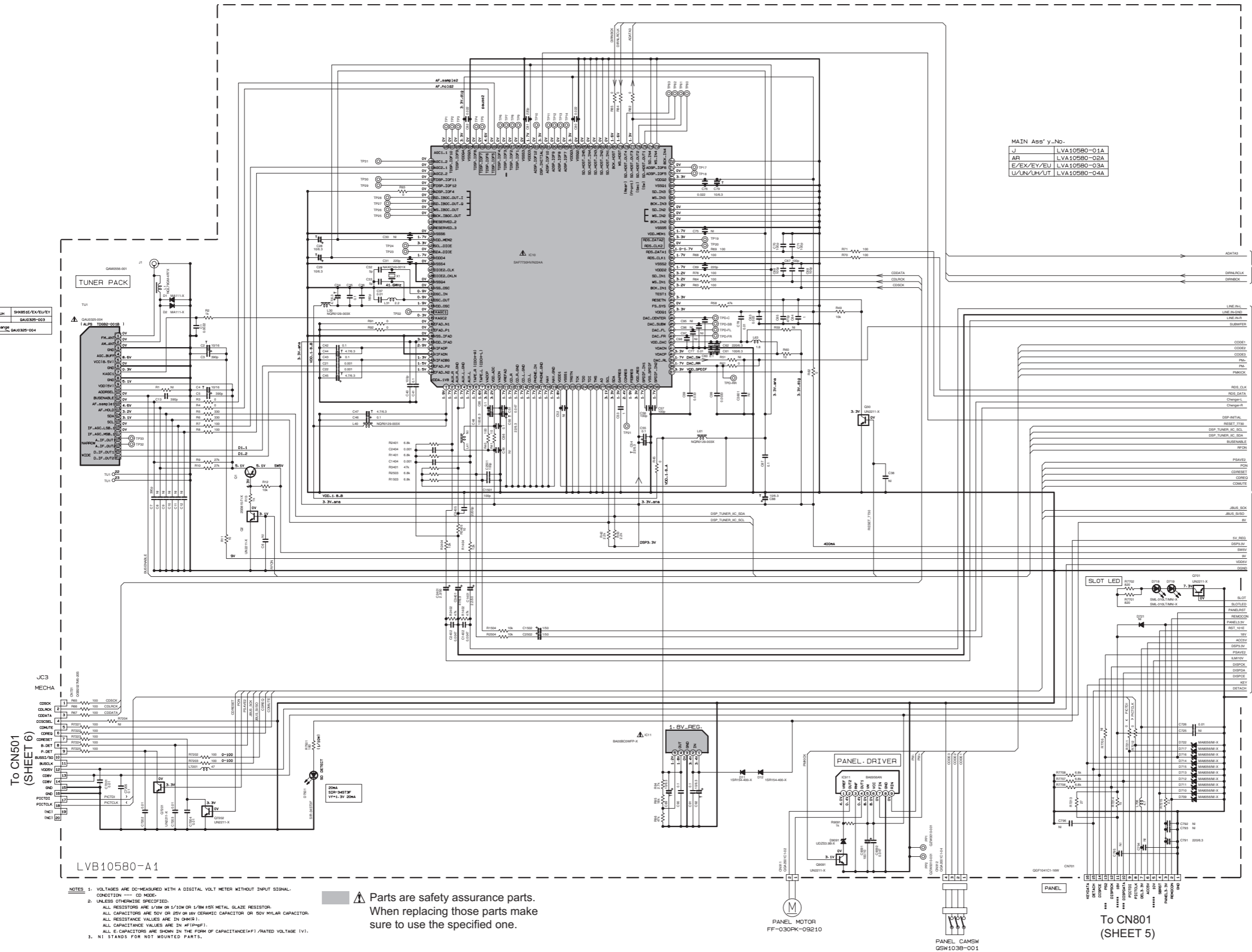
 **CAUTION** Please use enough caution not to see the beam directly or touch it in case of an adjustment or operation check.

Block diagram



Standard schematic diagrams

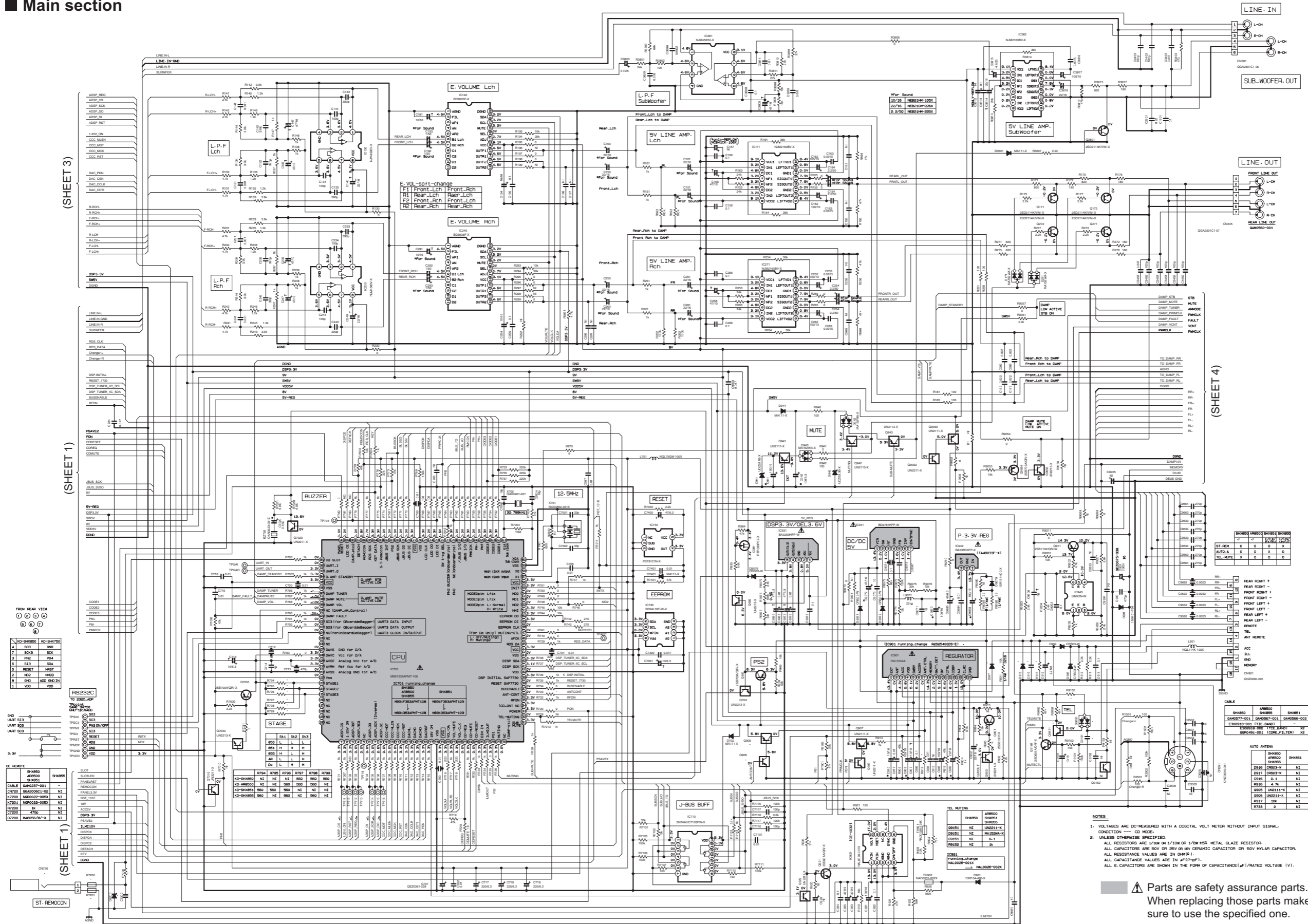
■ DSP section



NOTES:
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
 CONDITION — CD MODE.
 2. UNLESS OTHERWISE SPECIFIED,
 ALL RESISTORS ARE 1/8W OR 1/10W OR 1/16W 50X METAL GLAZE RESISTOR.
 ALL CAPACITORS ARE 50V OR 25V OR 50V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
 ALL RESISTANCE VALUES ARE IN OHM(Ω).
 ALL CAPACITANCE VALUES ARE IN P(PpF).
 ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
 3. NI STANDS FOR NOT MOUNTED PARTS.

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

Main section



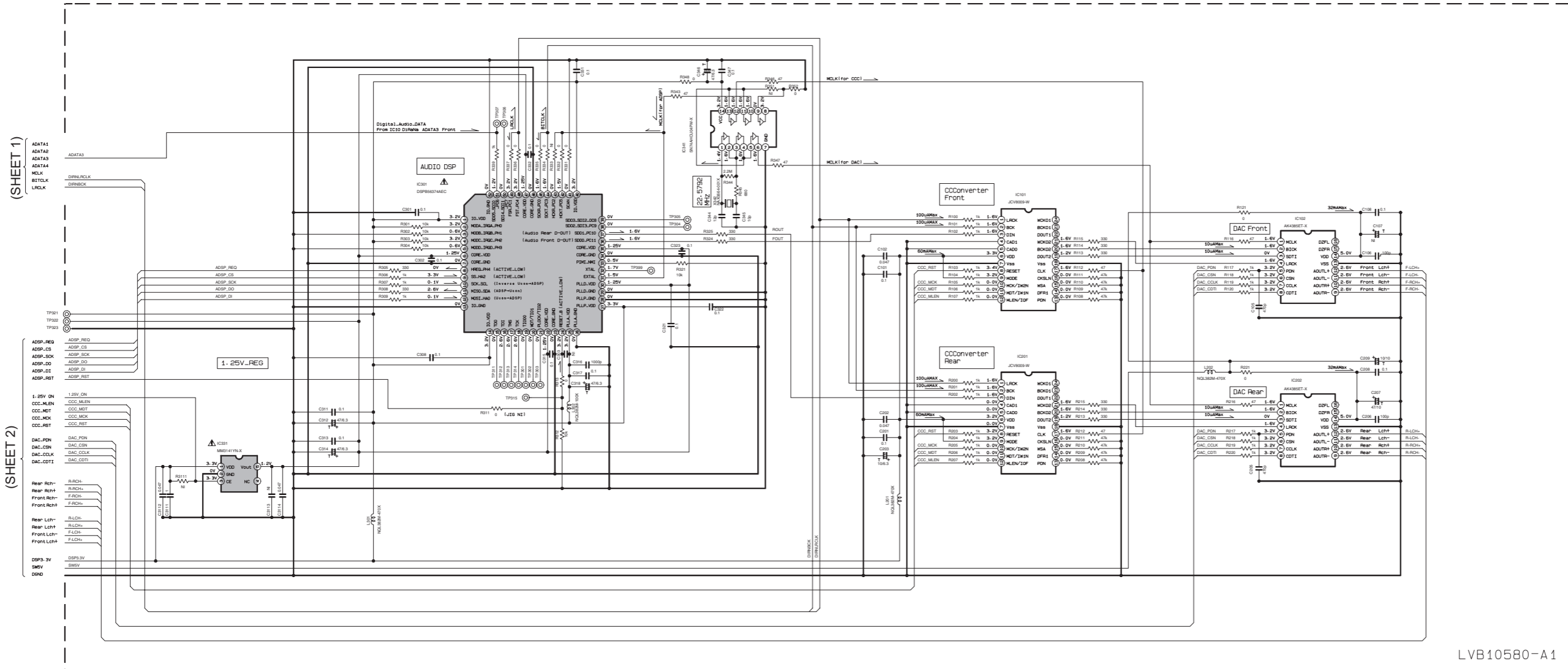
TABLES for component lists and cable connections.

REF	MARKING	VALUE	UNIT
R101	10K	10K	Ω
R102	10K	10K	Ω
R103	10K	10K	Ω
R104	10K	10K	Ω
R105	10K	10K	Ω
R106	10K	10K	Ω
R107	10K	10K	Ω
R108	10K	10K	Ω
R109	10K	10K	Ω
R110	10K	10K	Ω
R111	10K	10K	Ω
R112	10K	10K	Ω
R113	10K	10K	Ω
R114	10K	10K	Ω
R115	10K	10K	Ω
R116	10K	10K	Ω
R117	10K	10K	Ω
R118	10K	10K	Ω
R119	10K	10K	Ω
R120	10K	10K	Ω
R121	10K	10K	Ω
R122	10K	10K	Ω
R123	10K	10K	Ω
R124	10K	10K	Ω
R125	10K	10K	Ω
R126	10K	10K	Ω
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R129	10K	10K	Ω
R130	10K	10K	Ω
R131	10K	10K	Ω
R132	10K	10K	Ω
R133	10K	10K	Ω
R134	10K	10K	Ω
R135	10K	10K	Ω
R136	10K	10K	Ω
R137	10K	10K	Ω
R138	10K	10K	Ω
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R146	10K	10K	Ω
R147	10K	10K	Ω
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R199	10K	10K	Ω
R200	10K	10K	Ω

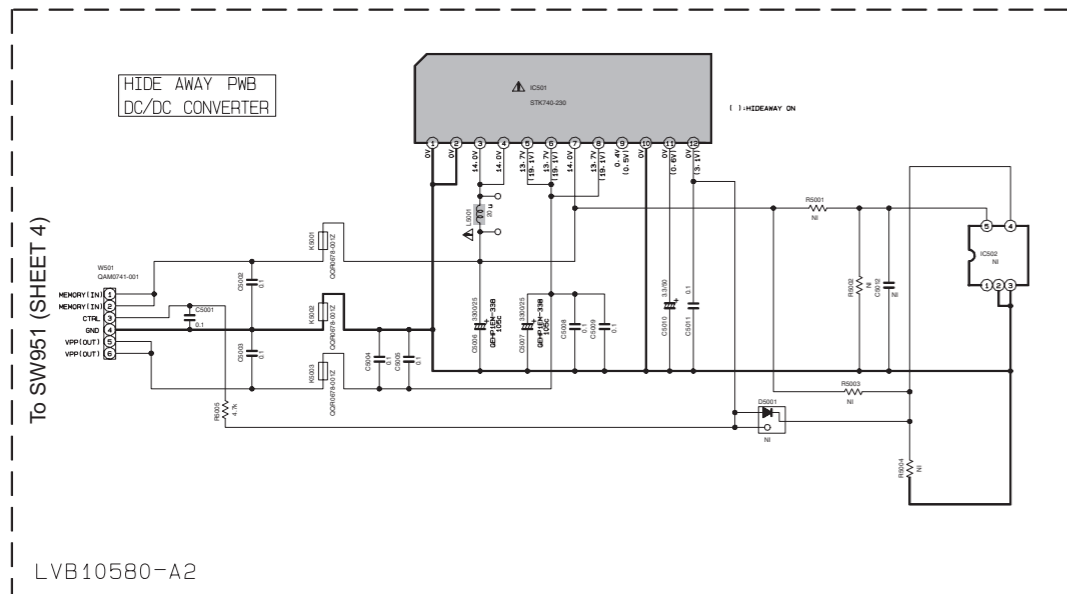
NOTES:
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
 CONDITION = CD MODE.
 2. UNLESS OTHERWISE SPECIFIED:
 ALL RESISTORS ARE 1/8W OR 1/10W OR 1/8W ±5% METAL GLAZE RESISTOR.
 ALL CAPACITORS ARE 50V OR 35V OR 50V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
 ALL RESISTANCE VALUES ARE IN OHMS (Ω).
 ALL CAPACITANCE VALUES ARE IN μF (μF).
 ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

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

Sound mix section



Hide away section

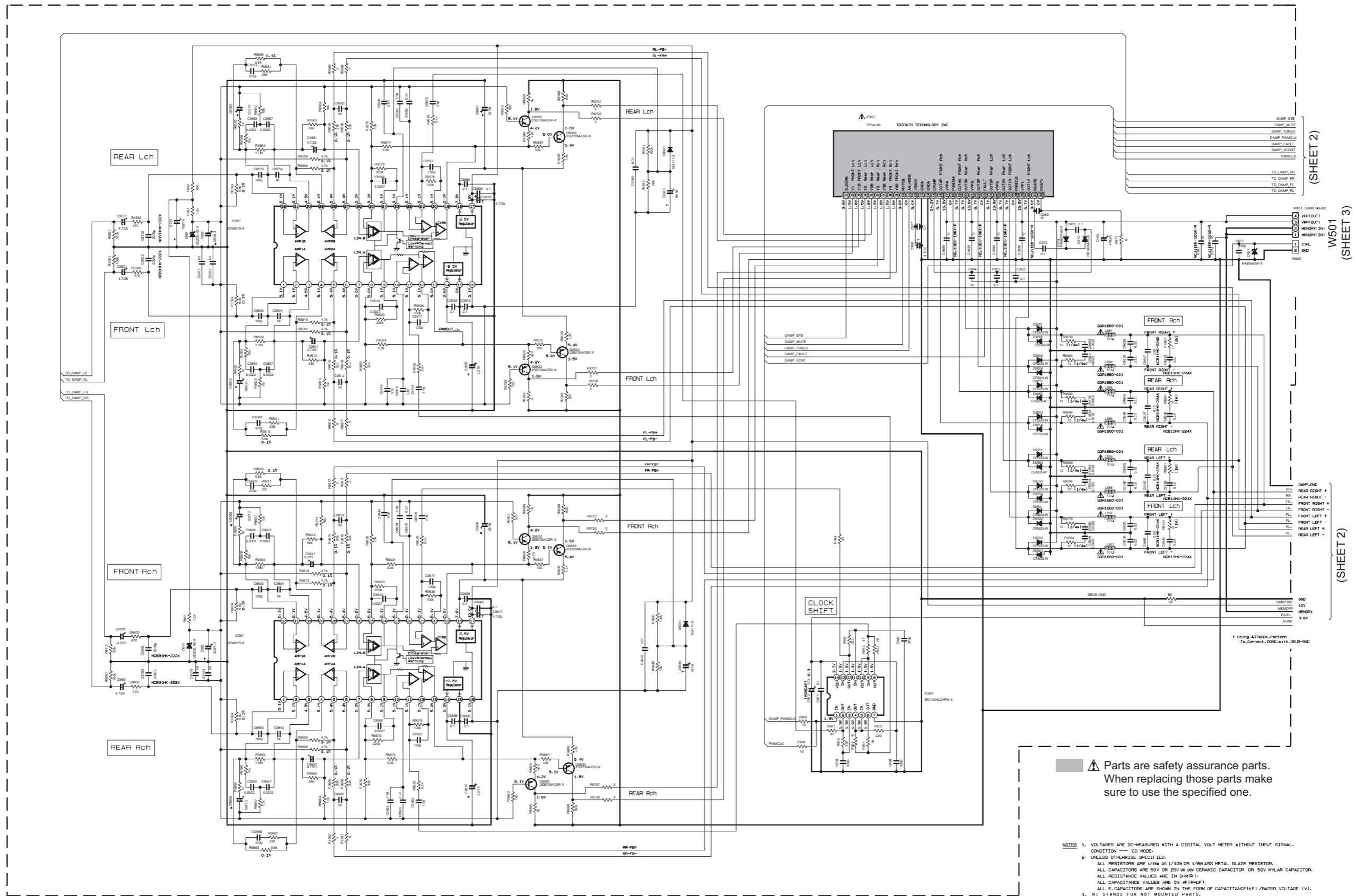


		UN2211
		UN2213
		UN2111
		UN2214

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

- NOTES**
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL. CONDITION — CD MODE.
 - UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE 1/16W OR 1/10W OR 1/8W ±5% METAL GLAZE RESISTOR.
ALL RESISTORS ARE 50V OR 25V OR 16V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
ALL CAPACITORS ARE IN OHM(Ω).
ALL CAPACITANCE VALUES ARE IN pF(pF).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
3. NI STANDS FOR NOT MOUNTED PARTS.

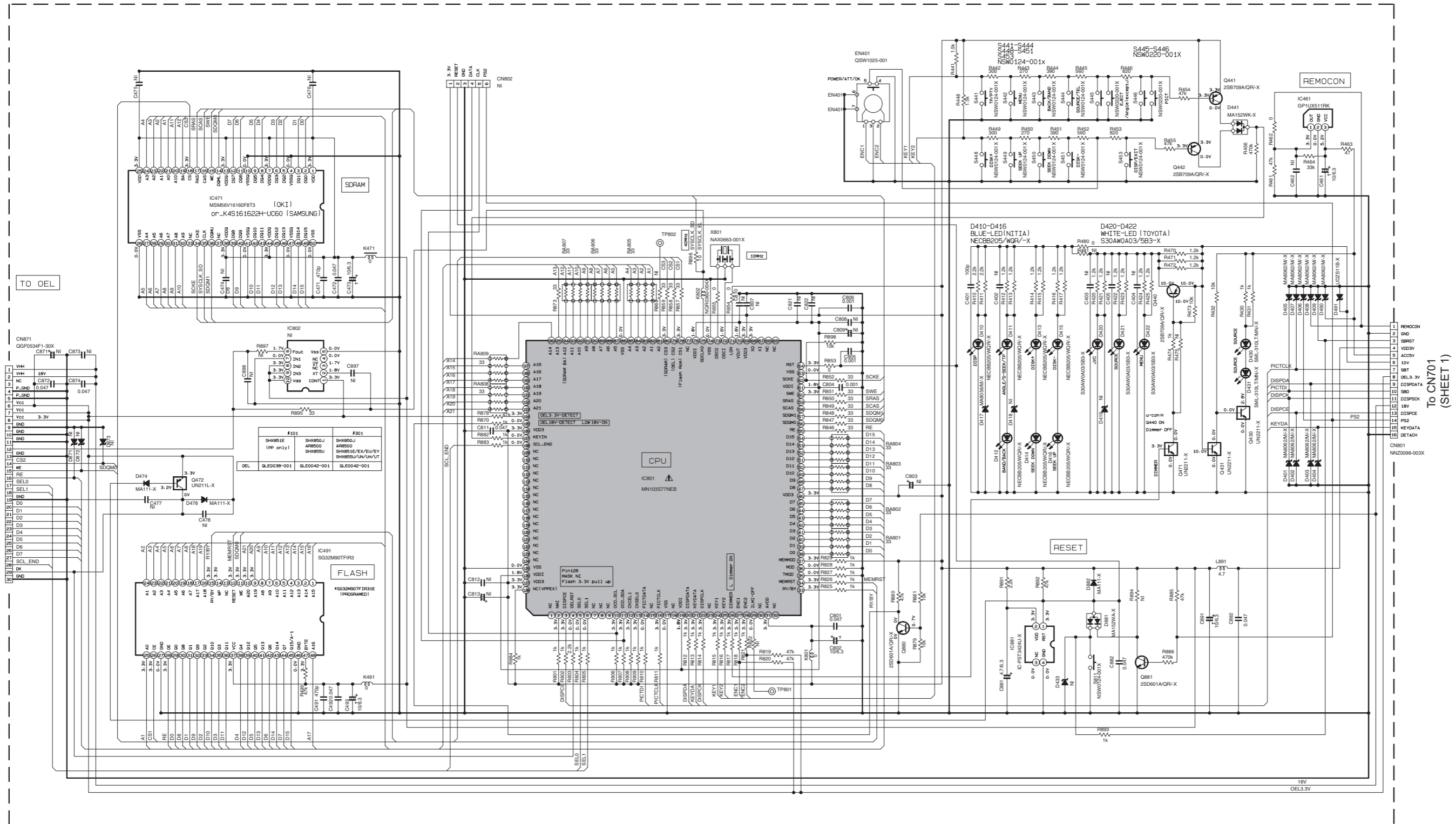
Amplifier section



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

- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL. CONDITION --- CD MODE.
 2. UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE 1/16W OR 1/10W OR 1/8W 125K METAL GLAZE RESISTOR.
ALL CAPACITORS ARE 50V OR 25V OR 16V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITANCE VALUES ARE IN PICO(F).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(F)/RATED VOLTAGE (V).
 3. NI STANDS FOR NOT MOUNTED PARTS.

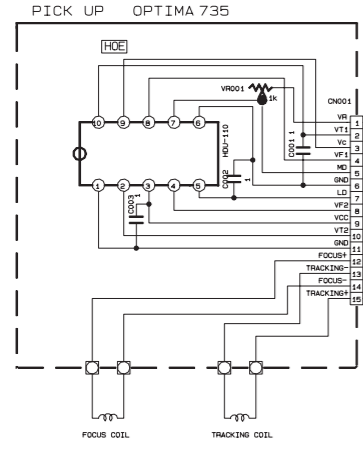
■ OEL & Key control section



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

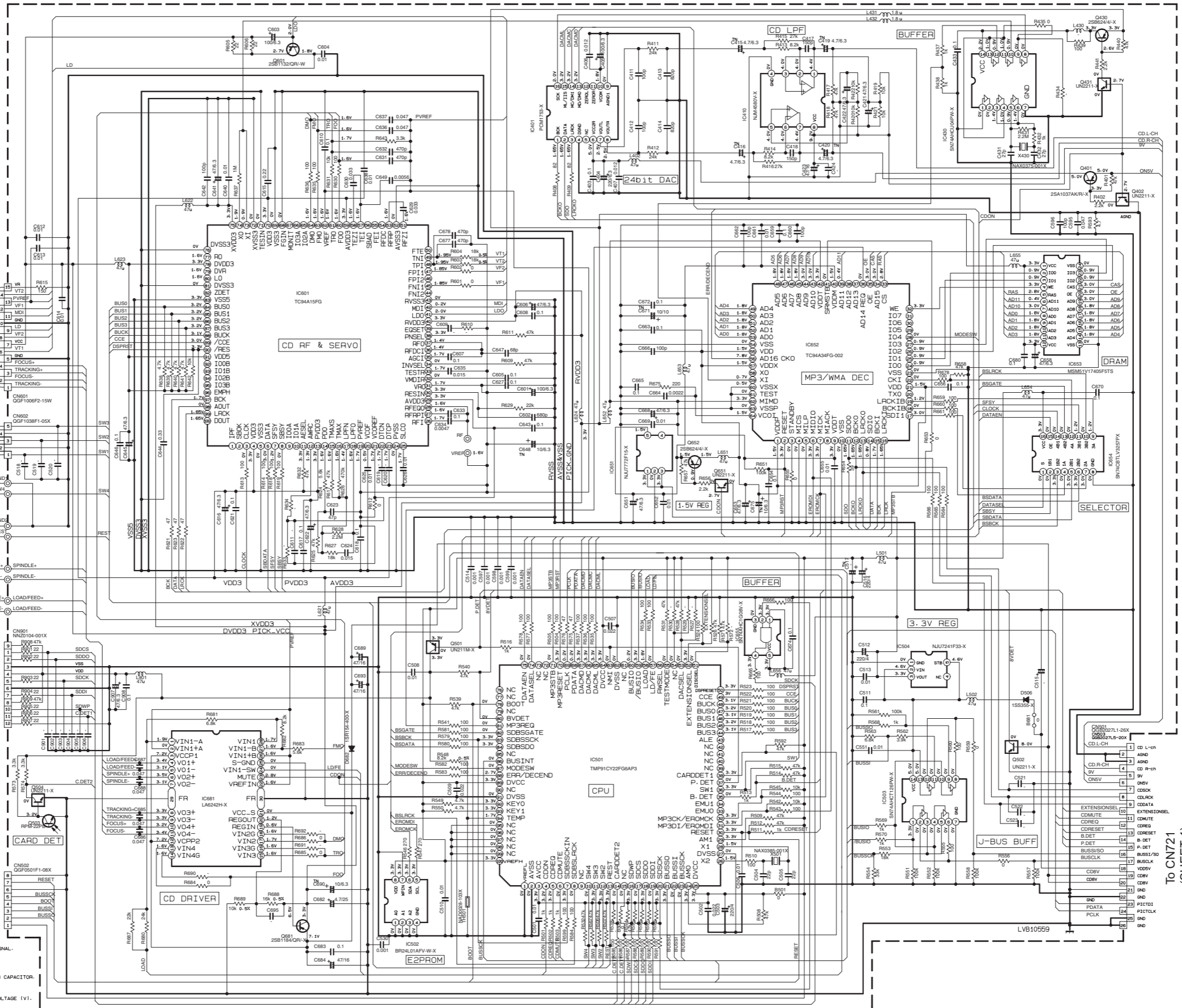
- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL-CONDITION ---- CD MODE.
 2. UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE 1/16W OR 1/10W OR 1/8W ±5% METAL GLAZE RESISTOR.
ALL CAPACITORS ARE 50V OR 25V OR 16V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
ALL RESISTANCE VALUES ARE IN Ω(MΩ).
ALL CAPACITANCE VALUES ARE IN #F(PμF).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(F)/RATED VOLTAGE (V).
 3. NI STANDS FOR NOT MOUNTED PARTS.

CD servo control section



IC#	FMU-UC3-11 (ANALOG OUT)	FMU-UC3-1 (DIGITAL OUT)
CH501	QBR027L1-2EX	QBR027L5-20X
CH503	NI	47k
R507	NI	47k
R508	47k	NI
R509	536-537	100
CA01	25A1037AK/N-X	NI
CA02	UN2211-X	NI
CA03	47k	NI
CA04	2.2k	NI
LA31	1.8k	NI
RA34	NI	0
RA35	0	NI
IC401	PJM1753-X	NI
IC410	NM4580V-X	NI
LA02	47u	NI
RA08-409	82	NI
RA15-412	24k	NI
RA13-414	12k	NI
RA15-416	30k	NI
RA17-418	47k	NI
RA19-420-421-422	10k	NI
CA03	0.1	NI
CA04	220/6.3	NI
CA05	100/6.3	NI
CA06-407	0.012	NI
CA11-412	100p	NI
CA13-414	820p	NI
CA15-416-418-420	4.7/6.3	NI
CA17-418	100p	NI
CA21-422	47/6.3	NI
CA23	47/18	NI
R503	4.7	0
C505	0.047	NI
C506	100p	NI
R504	39	NI
R504-505-506	NI	100

NOTES
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
 CONDITION = CD MODE.
 2. UNLESS OTHERWISE SPECIFIED.
 ALL RESISTORS ARE 1/16W OR 1/10W OR 1/8W 5% METAL GLAZE RESISTOR.
 ALL CAPACITORS ARE 50V OR 25V OR 16V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
 ALL RESISTANCE VALUES ARE IN OHMS.
 ALL CAPACITANCE VALUES ARE IN nF (pF).
 ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE/1/PATED VOLTAGE (V).



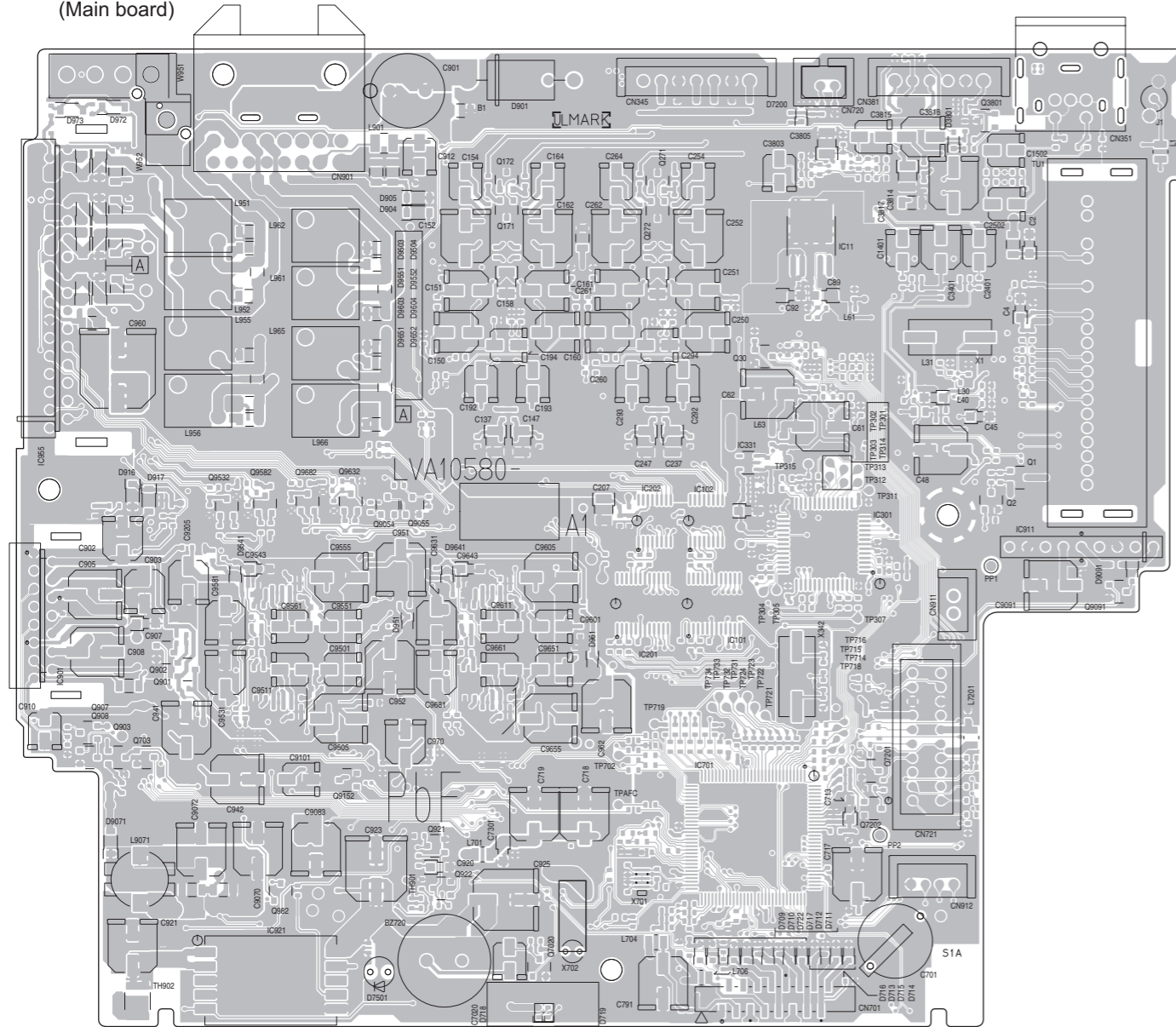
To CN721
(SHEET 1)

Printed circuit boards

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

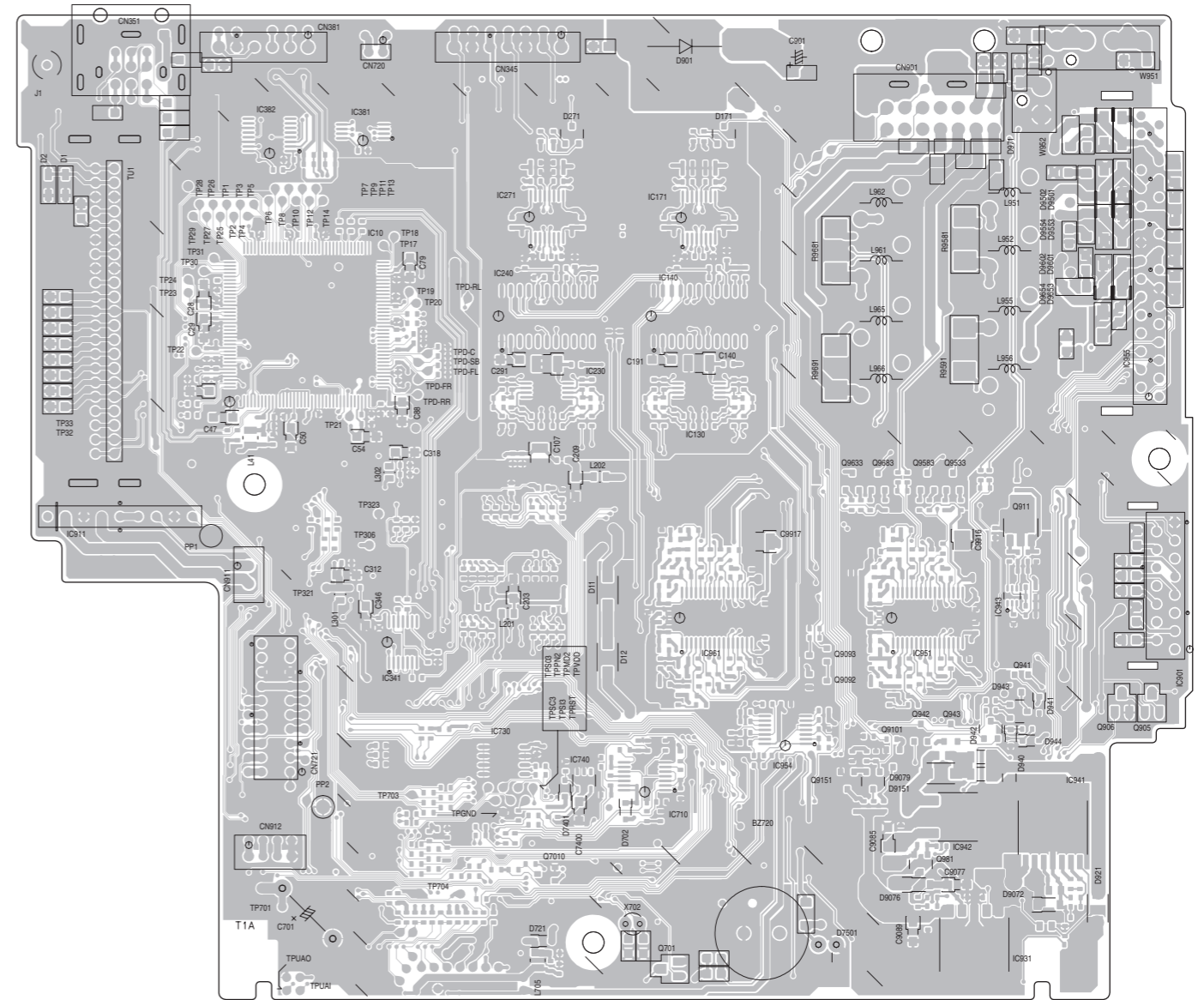
Forward side

(Main board)

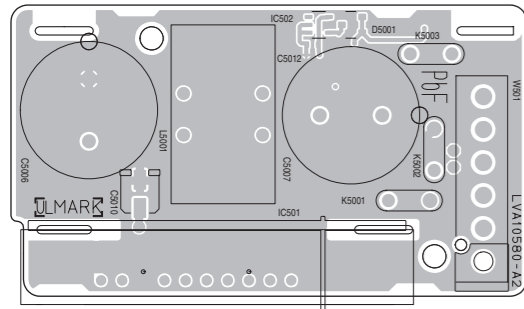


Reverse side

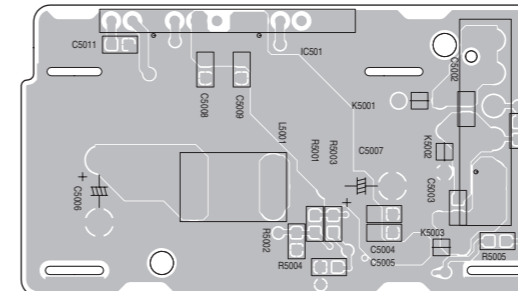
(Main board)



(DC/DC converter board)



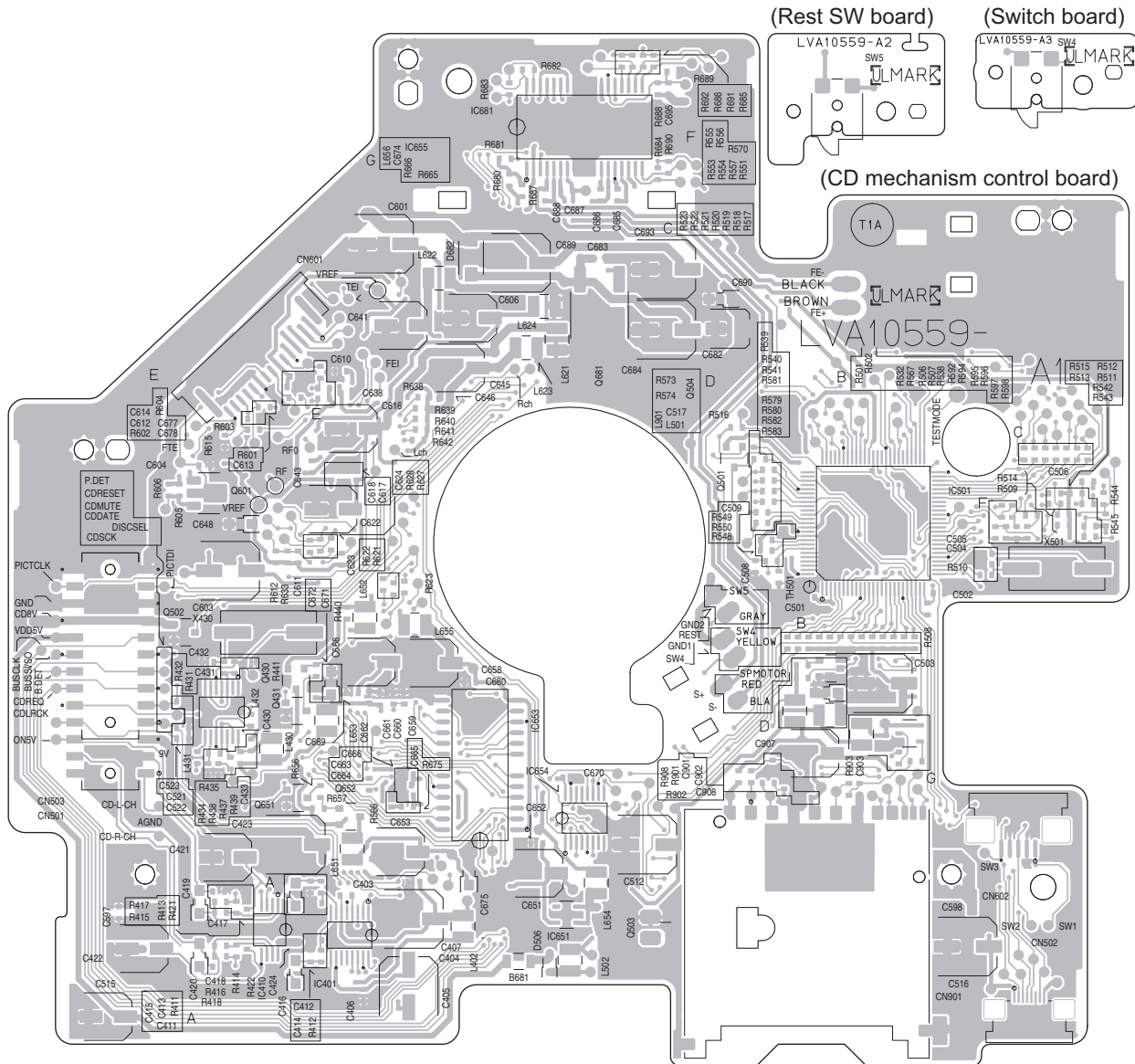
(DC/DC converter board)



CD mechanism control board

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

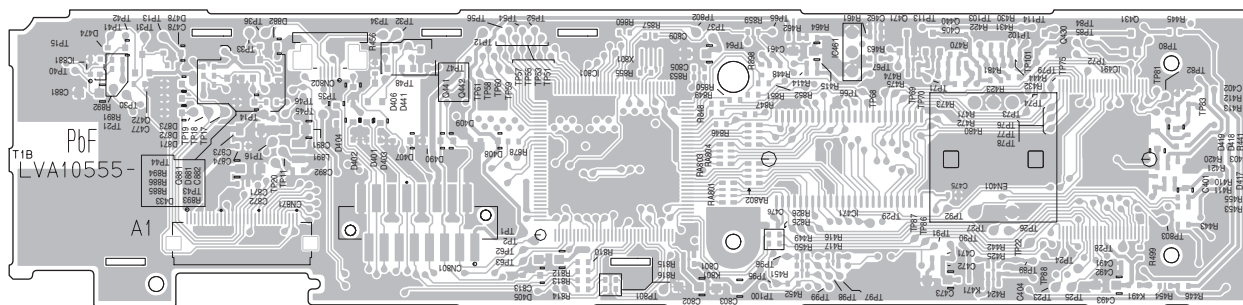
Reverse side



Switch board

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

Reverse side



< MEMO >

JVC

Victor Company of Japan, Limited

AV & MULTIMEDIA COMPANY CAR ELECTRONICS CATEGORY 10-1, 1chome, Ohwatari-machi, Maebashi-city, 371-8543, Japan

(No.MA192SCH)



Printed in Japan
VPT