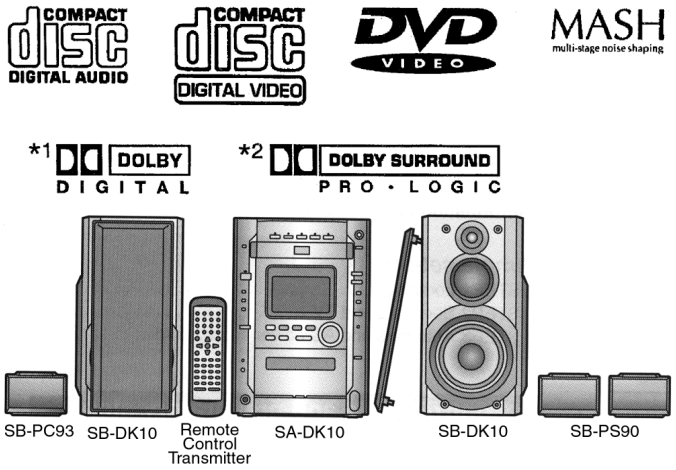
ORDER NO. MD0105087C1
A6

Service Manual

DVD Stereo System



SA-DK10

Colour
(S)... Silver Type

Area
(P)... U.S.A.
(PC)... Canada

TAPE SECTION :
AR2 MECHANISM SERIES
CD SECTION :
RAE0152Z-3 TRAVERSE DECK SERIES

Specifications

■ AMPLIFIER SECTION

Stereo mode power output	
THD 10% Total harmonic distortion	
LF 75 Hz	65 W per channel (8 Ω)
HF 1 kHz	30 W per channel (6 Ω)
Total stereo mode power	
LF 55Hz - 100 Hz	65 W per channel (8 Ω)
HF 100Hz - 15 kHz	28 W per channel (6 Ω)
Power output in Home Theater mode	
THD 10%, both channels driven	
Front	
LF 75 Hz	65 W per channel (8 Ω)
HF 1 kHz	30 W per channel (6 Ω)
Center 1 kHz	40 W (8 Ω)
Surround 1 kHz	35 W per channel (8 Ω)
Total power output	300 W
Input sensitivity	
AUX	250 mV
Input Impedance	
AUX	10 kΩ

■ FM TUNER SECTION

Frequency range	87.9 - 107.9 MHz (200 kHz steps)
	87.5 - 108.0 MHz (100 kHz steps)
Sensitivity	1.8 µV (IHF)
S/N 26 dB	1.5 µV
Antenna terminal(s)	75 Ω (unbalanced)

■ AM TUNER SECTION

Frequency range	520 - 1710 kHz (10 kHz steps)
Sensitivity	
S/N 20 dB (at 1000 kHz)	500 µV/m

■ CASSETTE DECK SECTION

Track system	4 track, 2 channel
Heads	
Record/playback	Solid permalloy head
Erasure	Double gap ferrite head
Motor	DC servo motor
Recording system	AC bias 100 kHz
Erasing system	AC erase 100 kHz
Tape speed	4.8 cm/s (1 7/8 ips)
Frequency response (+3 dB, -6 dB at DECK OUT)	
NORMAL (TYPE I)	35 Hz - 14 kHz
HIGH (TYPE II)	35 Hz - 14 kHz
S/N	50 dB (A weighted)
Wow and flutter	0.18 % (WRMS)
Fast forward and rewind time	Approx. 120 seconds with C-60 cassette tape

■ Disc SECTION

Disc	
DVD-Video	

Panasonic®

8 cm/12 cm single sided, single layer	
8 cm/12 cm single sided, double layer	
8 cm/12 cm double sided, double layer	
(One layer per side)	
Video CD/CD	8 cm/12 cm
Video	
Signal system	NTSC
Output level	
Composite video	1 Vp-p (75 Ω)
S-Video Y	1 Vp-p (75 Ω)
S-Video C	0.286 Vp-p (75 Ω/NTSC)
Audio	
Sampling frequency	
CD	44.1 kHz
DVD	48kHz/96 kHz
Decoding	16/20/24 bit linear
Wow and flutter	Below measurable limit
D/A converter	Delta-sigma DAC)
Pick up	
Beam source	Semiconductor Laser
Wavelength	
DVD	658 nm
VCD/CD	790 nm

■ GENERAL

Power supply	AC 120 V, 60Hz
Power consumption	161 W
Power consumption in standby mode	
	161 W
Dimensions (W x H x D)	215.4 X 315 X 350 mm
	8 1/2” x 12 13/32” x 13 25/32”
Mass	(7.8 kg) 17.2 lb

■ SYSTEM

SC-DK10(P)	Music Center: SA-DK10(P)
	Front Speaker: SB-DK10(P)
	Surround Speaker: SB-PS90(P)
	Center Speaker: SB-PC93(P)
SC-DK10(PC)	Music Center: SA-DK10(PC)
	Front Speaker: SB-DK10(P)
	Surround Speaker: SB-PS90(P)
	Center Speaker: SB-PC93(P)

Notes:

1. Specifications are subject to change without notice. Mass and dimensions are aproximate.
2. Total harmonic distortion is measured by the digital spectrum analyzer.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

CONTENTS

1 Safety Precaution

(This “Safety Precaution” is applied only in U.S.A.)

1. Before servicing, unplug the power cord to prevent an electric shock.
2. When replacing parts, use only manufacturer’s recommended components for safety.
3. Check the condition of the power cord. Replace if wear or damage is evident.
4. After servicing, be sure to restore the lead dress, insulation barriers, insulation papers, shields, etc.
5. Before returning the serviced equipment to the customer, be sure to make the following insulation resistance test to prevent the customer from being exposed to a shock hazard.

1.1. Insulation Resistance Test

1. Unplug the power cord and short the two prongs of the plug with a jumper wire.
2. Turn on the power switch.
3. Measure the resistance value with ohmmeter between the jumper AC plug and each exposed metal cabinet part, such as screwheads, antenna, control shafts, handle brackets, etc.
   Equipment with antenna terminals should read between 3 MΩ and 5.2 MΩ to all exposed parts*.(Fig.1)
   Equipment without antenna terminals should read approximately infinity to all exposed parts.(Fig.2)
   *Note: Some exposed parts may be isolated from the chassis by design. These will read infinity.
4. If the measurement is outside the specified limits, there is a possibility of a shock hazard. The equipment should be repaired and rechecked before it is returned to the customer.

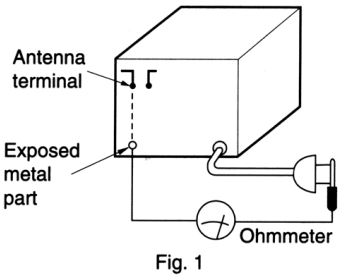


Fig. 1

Resistance = 3MΩ – 5.2MΩ

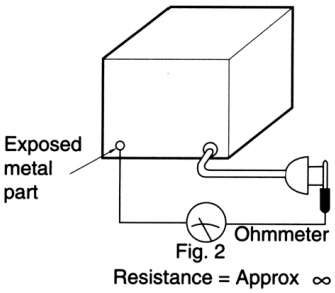


Fig. 2

Resistance = Approx ∞

2 Before Repair and Adjustment

Disconnect AC power, discharge Power Supply Capacitors C566~C569, C782 and C591 through a 10Ω, 5W resistor to ground.
DO NOT SHORT-CIRCUIT DIRECTLY (with a screwdriver blade, for instance), as this may destroy solid state devices.
After repairs are completed, restore power gradually using a variac, to avoid overcurrent.

Current consumption at AC 120V, 60 Hz in NO SIGNAL mode should be ~650mA.

3 Protection Circuitry

The protection circuitry may have operated if either of the following conditions are noticed:

- No sound is heard when the power is turned on.
- Sound stops during a performance.

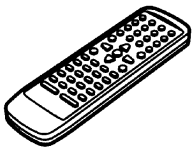
The function of this circuitry is to prevent circuitry damage if, for example, the positive and negative speaker connection wires are “shorted”, or if speaker systems with an impedance less than the indicated rated impedance of the amplifier are used.
If this occurs, follow the procedure outlines below:

1. Turn off the power.
2. Determine the cause of the problem and correct it.
3. Turn on the power once again after one minute.

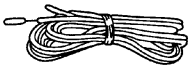
Note :

When the protection circuitry functions, the unit will not operate unless the power is first turned off and then on again.

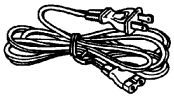
4 Accessories



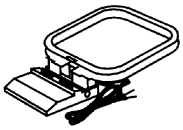
Remote Control
Transmitter



FM indoor antenna



AC mains lead



AM Loop antenna

Video cable

5 Handling Precautions For Traverse Deck

The laser diode in the traverse deck (optical pickup) may break down due to potential difference caused by static electricity of clothes or human body.

So, be careful of electrostatic breakdown during repair of the traverse deck (optical pickup).

5.1. Handling the Traverse Deck (Optical pickup)

1. The traverse deck (optical pickup) is an extremely highprecsion construction and must not be subjected to impact, excessive vibration, or other types of rough handling.
2. In order to prevent static electricity damage to the laser diode, use a short pin or similar tool to short the optical pickup's flexible circuit boards after they have been disconnected from the main circuit board.
3. Handle the flexible circuit boards with care; excessive force could cause them to be broken.
4. Do not turn the pre-set variable resistor (for adjustment of the laser power); it has been adjusted at the factory. (as shown in Fig. 1)

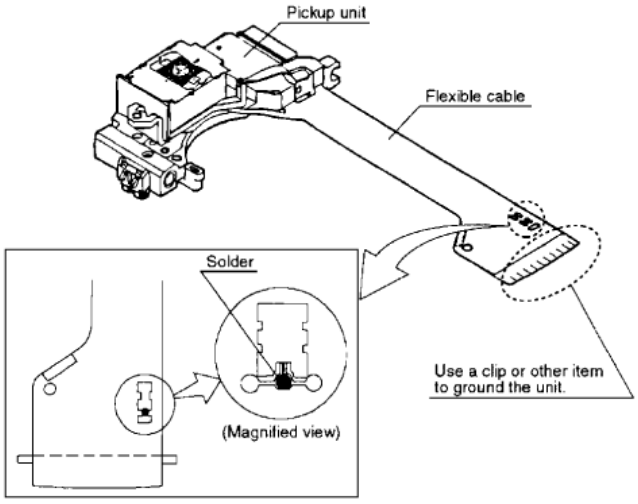


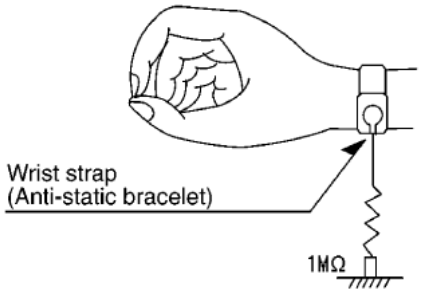
Fig.1

5.2. Grounding for electrostatic breakdown prevention

1. Human body grounding

   Use the anti-static wrist strap to discharge the static electricity from your body.
2. Work table grounding

   Put a conductive material (sheet) or steel sheet on the area where the optical pickup is placed, and ground the sheet. (sa shown in Fig. 2)
3.



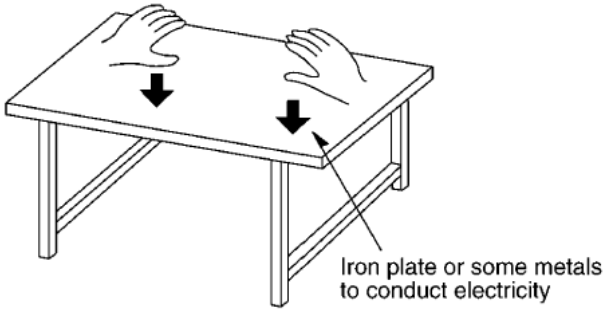


Fig.2

Caution :

The static electricity of your clothes will not be grounded through the wrist strap. So, take care not to let your clothes touch the traverse deck (optical pickup).

5.3. Caution when Replacing the Traverse Deck

The traverse deck has a short point shorted with solder protect the laer diode against electrostatics breakdown. Be sure to remove the solder from the short point before making connections.

6 Precaution of Laser Diode

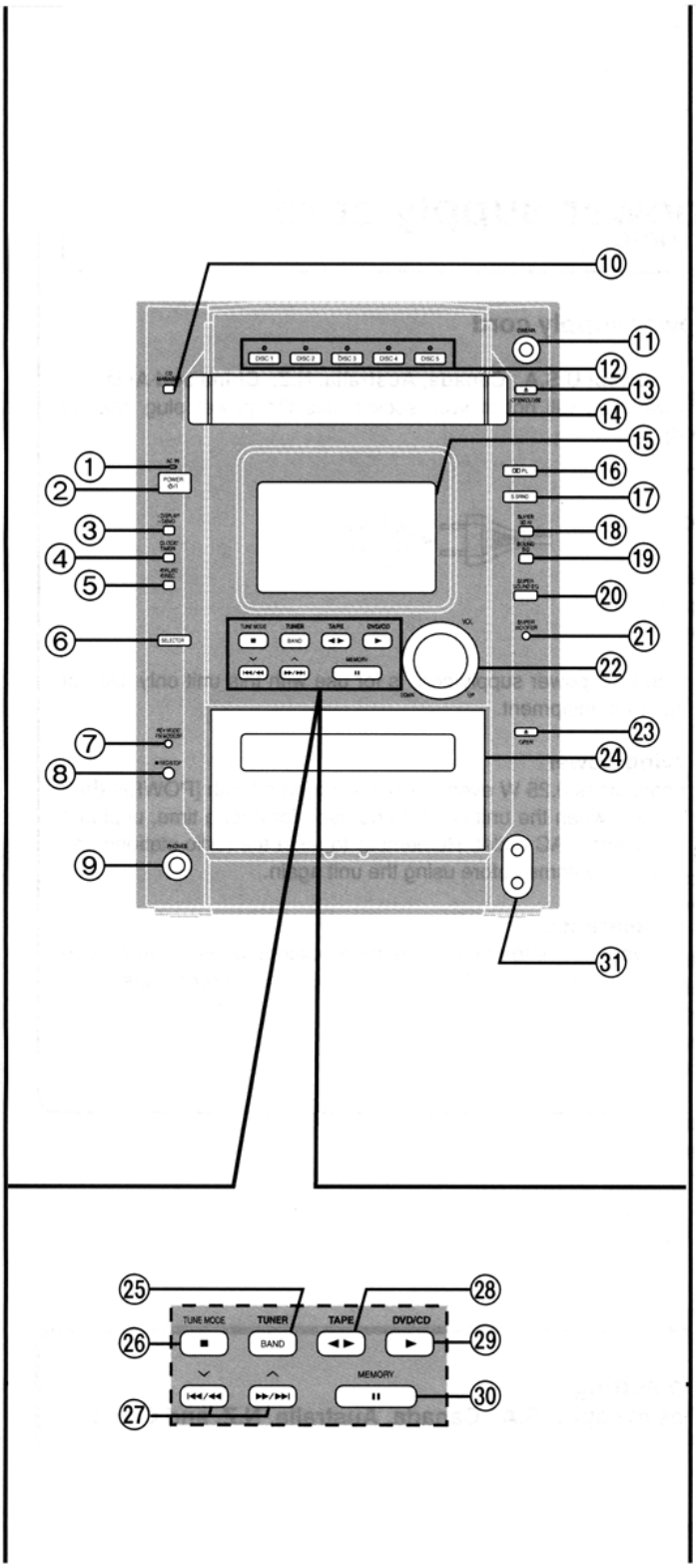
CAUTION:

This product utilizes a laser diode with th unit turned “ON”, invisible laser radiation is emitted from the pick up lens.

CAUTION!
THIS PRODUCT UTILIZES A LASER.
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

1. Do not disassembly the pick up unit, since radioation from exposed laser diode is dangerous.
2. Do not adjust the variable resistor on the pickup unit. It was already adjusted.
3. Do not lock at the focus lens using optical instrument.
4. Recommend not to lock up lens for long time.

7 Operation Procedures



Front panel controls

Main unit

① **AC supply indicator (AC IN)**
This indicator lights when the unit is connected to the AC mains supply.

② **Standby/on switch (POWER ⏻/I)**
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.

③ **Display select/demonstration button (-DISPLAY/–DEMO)**

④ **Clock/timer button (CLOCK/TIMER)**

⑤ **Timer button (◴PLAY/◴REC)**

⑥ **Source select button (SELECTOR)**
Each time you press the button:
TUNER→TAPE→DVD/CD→AUX

⑦ **Tape reverse mode, FM mode, AM beat proof button (REV MODE/FM MODE/BP)**

⑧ **Recording start/stop button (●REC/STOP)**

⑨ **Headphones jack (PHONES)**

⑩ **CD MANAGER button (CD MANAGER)**

⑪ **CINEMA mode button and indicator (CINEMA)**

⑫ **Disc direct select buttons and disc indicators (DISC 1 – DISC 5)**

⑬ **Disc tray open/close button (▲ OPEN/CLOSE)**

⑭ **Disc tray**

⑮ **Display**

⑯ **DOLBY PRO LOGIC button and indicator (DD PL)**

⑰ **Super surround button and indicator (S.SRND)**

⑱ **Super 3D AI EQ button (SUPER 3D AI)**

⑲ **Sound EQ button (SOUND EQ)**

⑳ **Super sound EQ button and indicator (SUPER SOUND EQ)**

㉑ **Super woofer button and indicator (SUPER WOOFER)**

㉒ **Volume control (VOL)**

㉓ **Cassette holder open button (▲ OPEN)**

㉔ **Cassette holder**

㉕ **Tuner, band select button (TUNER, BAND)**
Press to select TUNER as the source.
Lights when TUNER is selected as the source.

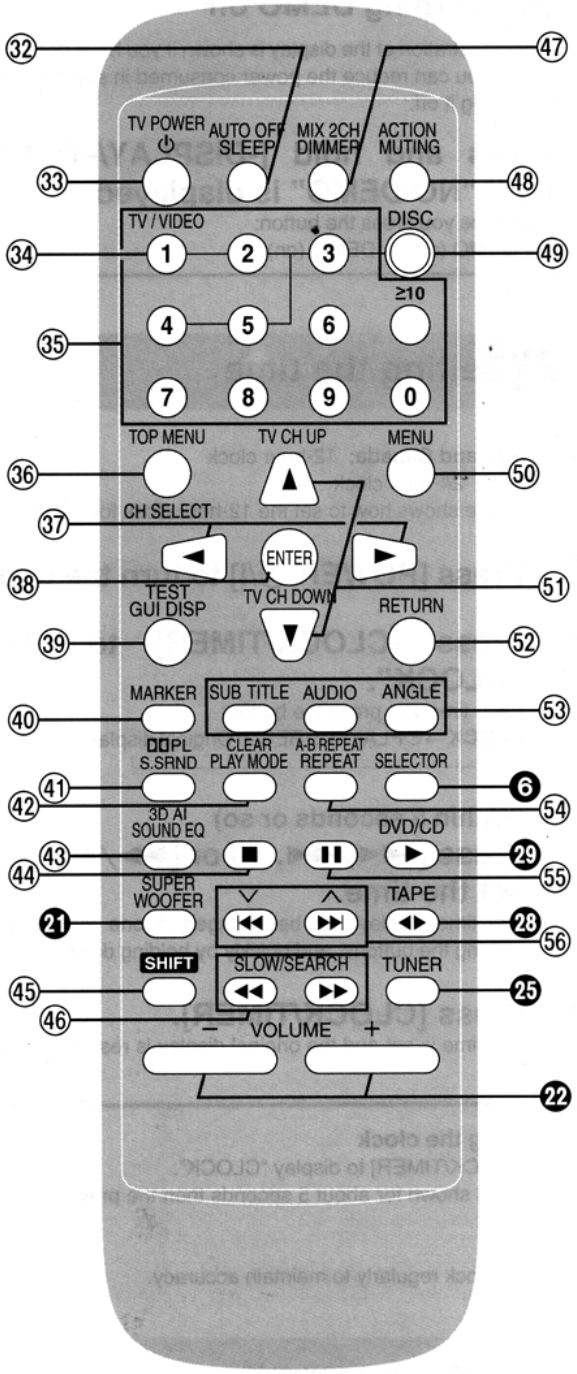
㉖ **Disc/tape stop, tuning mode select button (■, TUNE MODE)**

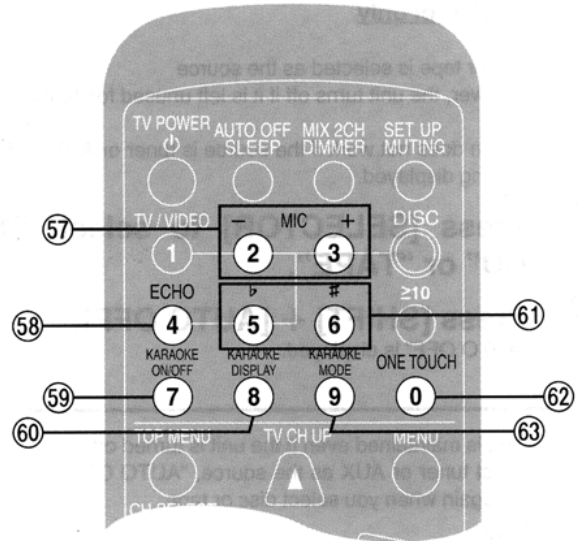
㉗ **Disc skip/search, tape fast-forward/rewind/TPS, tune/time adjust buttons (I◄◄/◄◄, ∨, ►►/►►I, ∧)**

㉘ **Tape play button (TAPE ◄ ►)**
Press to select TAPE as the source.
Lights when TAPE is selected as the source.

㉙ **Disc play button (DVD/CD ►)**
Press to select DVD/CD as the source.
Lights when DVD/CD is selected as the source.

㉚ **Disc pause, memory button (❚❚, MEMORY)**





Front panel controls

Remote control

The illustration shows the remote control for areas except Australia, N.Z., China, the Middle East, South Africa and Asia.

Buttons such as ⑥ function in the same way as the controls on the main unit.

- ㉜ **Sleep button (SLEEP)**
- ㉝ **Standby/on switch (⏻)**
- ㉟ **Numbered buttons (0–9, ≥10)**
- ㊱ **Top menu button (TOP MENU)**
- ㊲㊶ **Cursor buttons (◄, ►, ▲, ▼)**
- ㊳ **Enter button (ENTER)**
- ㊴ **GUI display button (GUI DISP)**
- ㊵ **Marker button (MARKER)**
- ㊶ **Super surround button (S.SRND)**
- ㊷ **Play mode select button (PLAY MODE)**
- ㊸ **Sound EQ button (SOUND EQ)**
- ㊹ **Stop button (■)**
- ㊺ **Shift button (SHIFT)**
  See below.
- ㊻ **Disc slow/search button (SLOW/SEARCH ◄◄, ►►)**
- ㊼ **Display dimmer button (DIMMER)**
- ㊽ **Muting button (MUTING)**
- ㊾ **Disc button (DISC)**
- ㊿ **Menu button (MENU)**
- (51) **Return button (RETURN)**
- (53) **Subtitle/audio/angle buttons (SUB TITLE) (AUDIO) (ANGLE)**
- (54) **Repeat button (REPEAT)**
- (55) **Pause button (❚❚)**
- (56) **Disc skip, tape fast-forward/rewind/TPS, tuning button (⏮, ∨, ⏭, ∧)**

To operate functions labeled in orange, press [SHIFT] (㊺) and the corresponding button at the same time.

- ㉜ **Auto power-off button (AUTO OFF)**
- ㉝ **TV power on/off button (TV POWER)**
- ㉞ **TV/video input mode select button (TV/VIDEO)**
- ㊱ **Channel select button (CH SELECT)**
- ㊴ **Test signal button (TEST)**
- ㊶ **DOLBY PRO LOGIC button (DPL)**
- ㊷ **Clear button (CLEAR)**
- ㊸ **Super 3D AI EQ button (3D AI)**
- ㊼ **2 channel down-mixing button (MIX 2CH)**
- ㊽ **Initial settings button (ACTION)**
  This button is labeled “SET UP” on the remote control for Australia, N.Z., China, the Middle East, South Africa and Asia.
- (51) **TV channel select buttons (TV CH UP, TV CH DOWN)**
- (54) **A-B repeat button (A-B REPEAT)**

The numbered buttons are also used for karaoke functions on the remote control for China, the Middle East, South Africa and Asia.

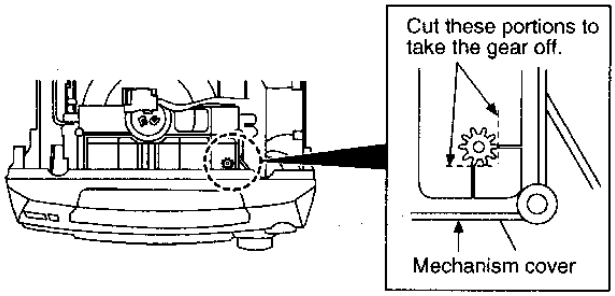
- (57) **Microphone volume button (– MIC +)**
- (58) **Echo button (ECHO)**
- (59) **Karaoke on/off button (KARAOKE ON/OFF)**
- (60) **Karaoke GUI display button (KARAOKE DISPLAY)**
- (61) **Key control buttons (♭, ♯)**
- (62) **One touch karaoke button (ONE TOUCH)**
- (63) **Karaoke mode select button (KARAOKE MODE)**

8 Disassembly and Main Component Replacement Procedures

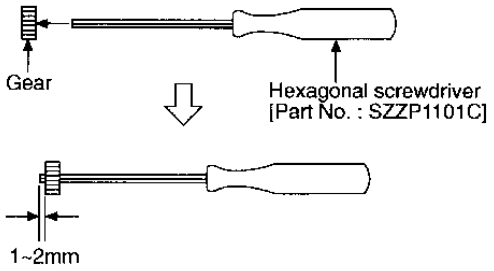
Gear for servicing (jig) information

1. This unit has a gear which is used for checking items (Open/close of disc tray, up/down operation of traverse unit by manually) when servicing.
2. For preparation of gear (for servicing), Perform the procedures as follows.
3. In case of re-servicing the same set, the "gear for servicing" may has been taken off because it has been used. The "gear for servicing" must be stored.

1. Remove the gear provided with mechanism cover as shown below.



2. Insert the hexagonal screwdriver (2mm) into the gear, and then project the tip of screwdriver for 1~2mm in length.



"ATTENTION SERVICER"

Some chassis components may have sharp edges.

Be careful when disassembling and servicing.

1. **This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.**
2. **For reassembly after operation checks or replacement, reverse the respective procedures.**
   Special reassembly procedures are described only when required.
3. **Select items from the following index when checks or replacement are required.**

Contents

- **Checking Procedure For Each Major P.C.B.**
  1. Checking of the Main, Panel, Deck and Power P.C.B.
  2. Checking for the DVD F/E Module P.C.B.
  3. Disassembly for the DVD Changer Unit.
- **Main Component Replacement Procedures**
  1. Replacement of the Traverse Deck.
  2. Replacement of the Power Amplifier IC.
- **Disassembly and assembly of the Traverse Unit**
- **Disassembly and assembly of the Disc Tray**

Warning:

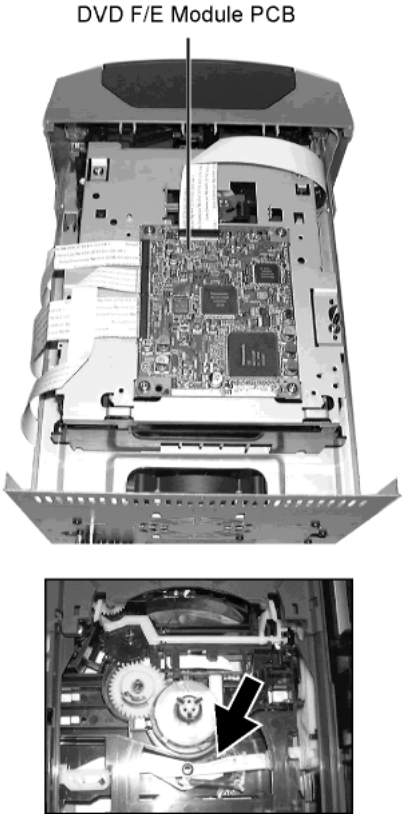
This product uses a laser diode. Refer to caution statement Precaution of Laser Diode.

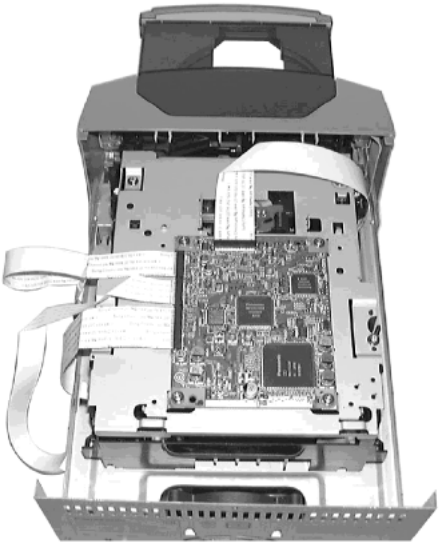
8.1. Disassembly Procedure for each major P.C.B. Checking

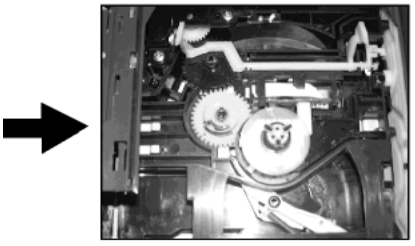
8.1.1. Checking of the DVD Servo, Main, Transformer, Panel and Deck P.C.B.

Step 1 Remove the top cabinet.

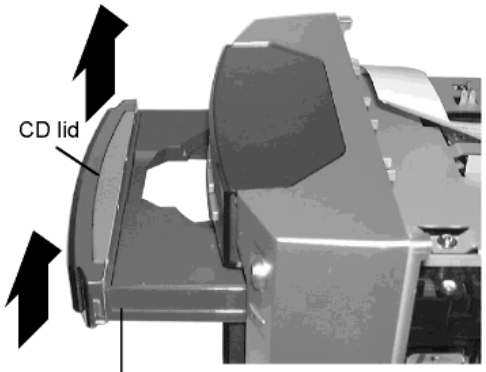
Step 2 Push lever in the direction of arrow.

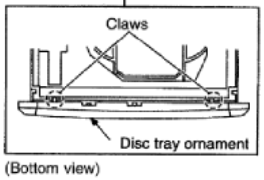




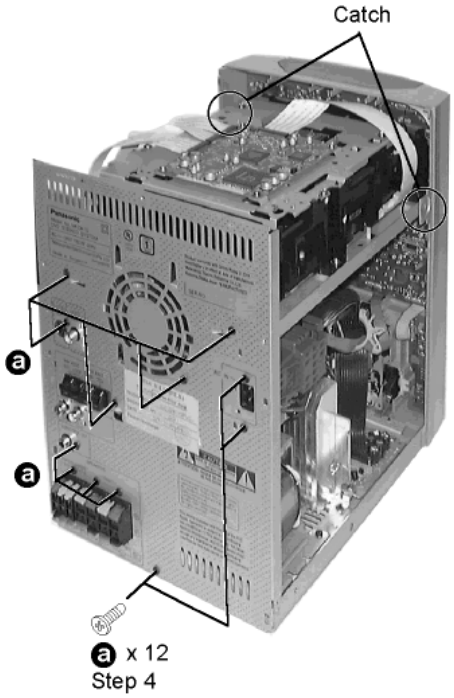


Step 3 Pull out the CD tray as shown. Release the 2 claws and remove the CD lid. Push back the CD tray after the CD lid has been removed.



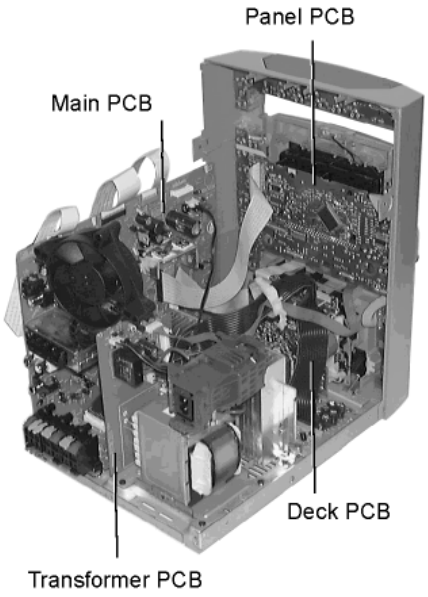


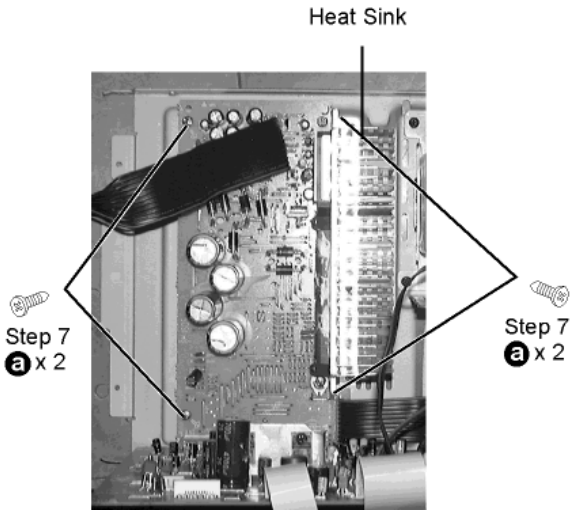
(Bottom view)

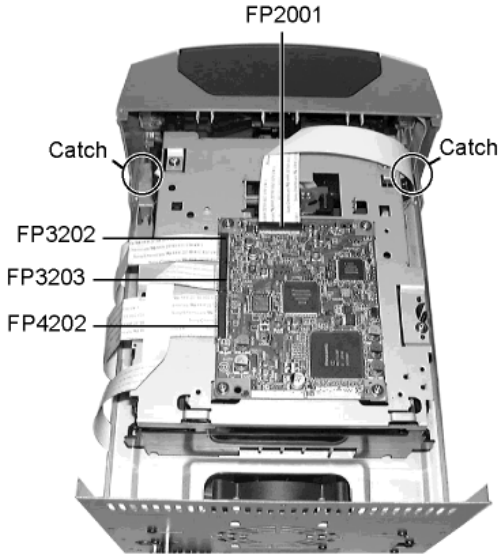


Step 4 Remove 12 screws and catches both side.

- Checking for Panel P.C.B., Main P.C.B. and Deck P.C.B..



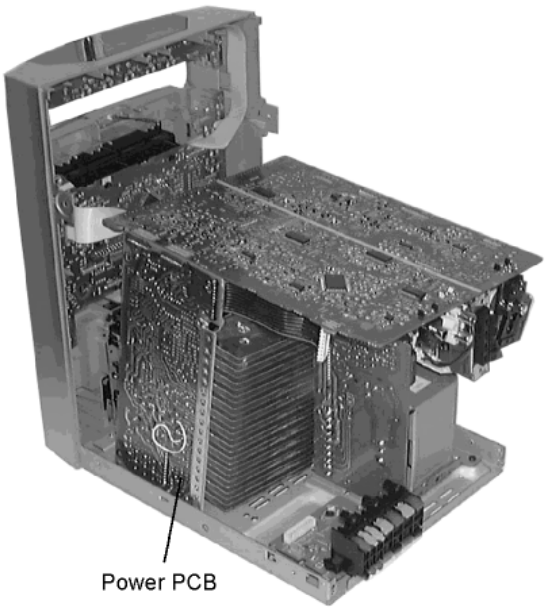




Step 5 Remove the wires at FP2001, FP3202, FP3203, and FP4202.

Step 6 Release the wire from catch, remove the CD changer base together with the CD changer.

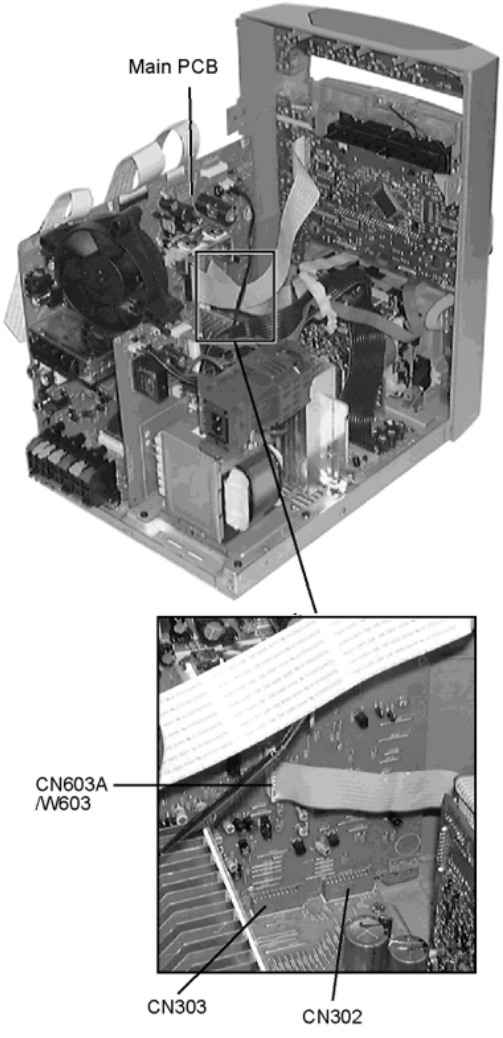
- Checking for Power P.C.B.

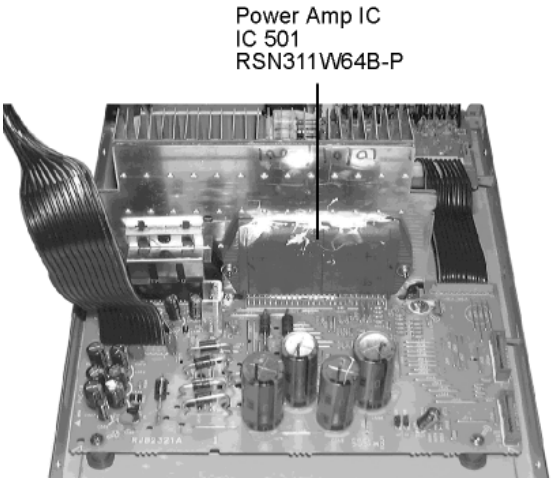


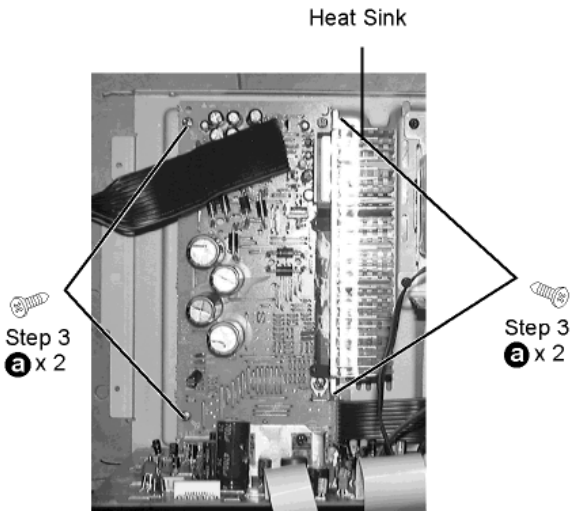
- Replacement of the Power Amplifier IC and Regulator Transistor.

Step 1 Follow the procedures in “Checking procedure for each major P.C.B.

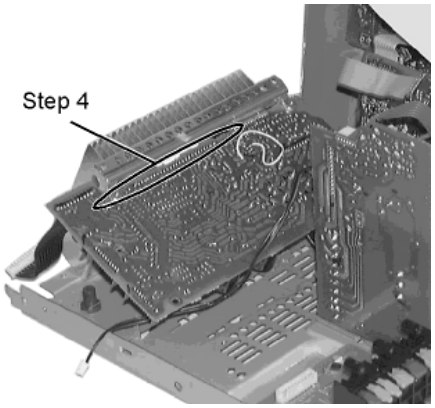
Step 2 Remove the wires at CN302, CN303 and H603A/W603 and pull out the Main P.C.B..





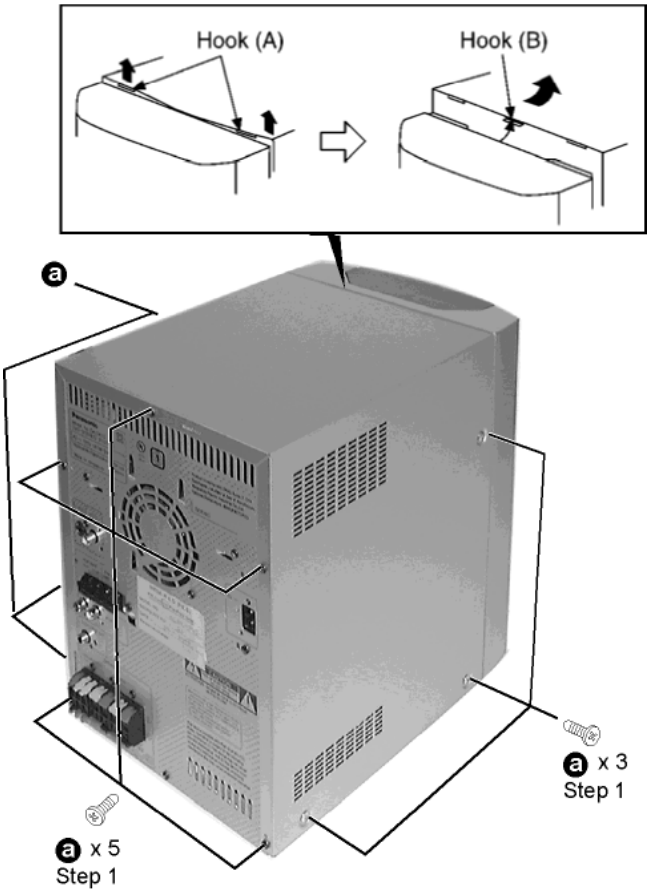


Step 3 Remove 4 screws fixed to the Power Amplifier IC and Transistor Holders.



Step 4 Unsolder the terminals of Power Amp IC and replace the component.

8.2. Checking for the Main and DVD F/E Module (1/2) P.C.B.

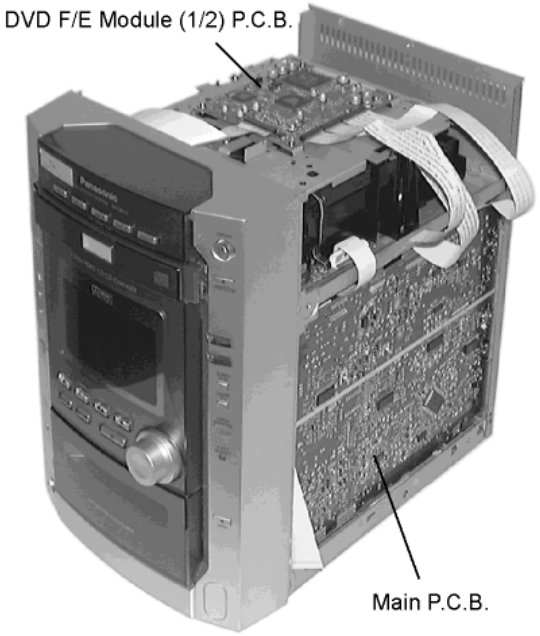


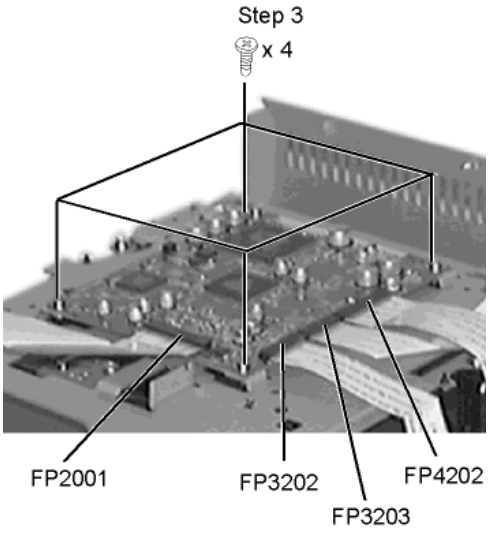
Step 1 Remove 3 screws each both side and 5 screws at rear panel.

Step 2 Lift up the both sides cabinet ass'y to release the hook (A). Then pull the cabinet ass'y toward the rear and release the hook (B) to remove the cabinet ass'y.

NOTE: When installing the cabinet ass'y, take care not to damage the front cabinet ass'y from hook (B).

- Check the Main P.C.B. and DVD F/E Module (1/2) P.C.B..

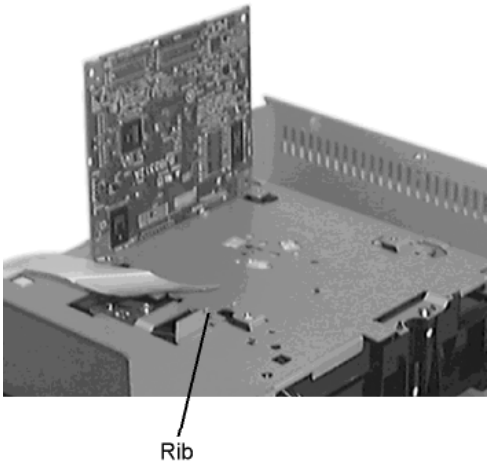




Step 3 Remove 4 screws.

Step 4 Remove 4 connectors.

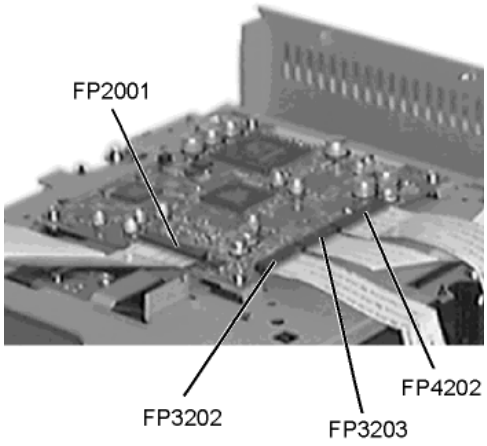
Step 5 Pull out 4 FFCs.



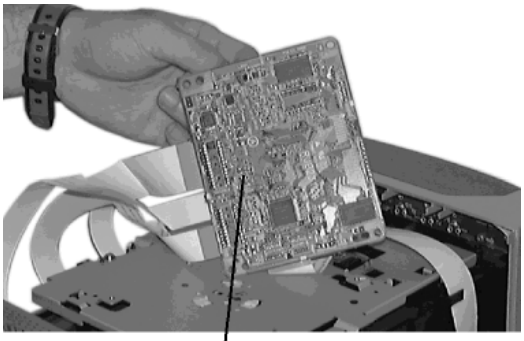
Step 6 Raise the DVD Module P.C.B..

- Checking the DVD F/E Module (2/2) P.C.B. as shown below.

Step 7 Disconnect the FFCs to the connector.



Step 8 Lift up DVD F/E Module (2/2) P.C.B. as shown.



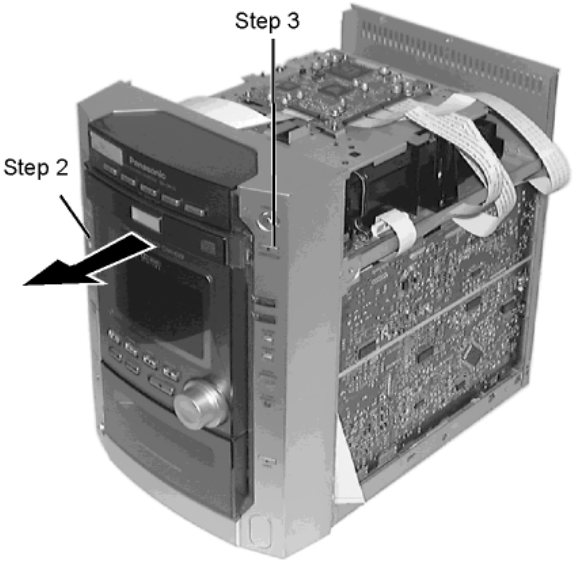
DVD F/E Module (2/2) P.C.B.

8.3. Disassembly for DVD/CD changer unit

8.3.1. Disassembly for the disc tray ornament

- Follow the (Step 1) - (Step 3) of item 8.1

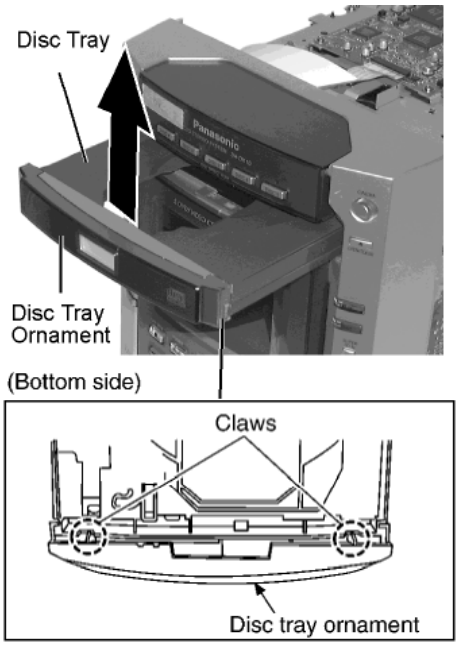
When opening the disc tray automatically



Step 1 Connect the power.

Step 2 Push the button and the power turns ON.

Step 3 Push the open/close button, so the disc tray will be open automatically. (If the other buttons would be push, disc tray would be open.)

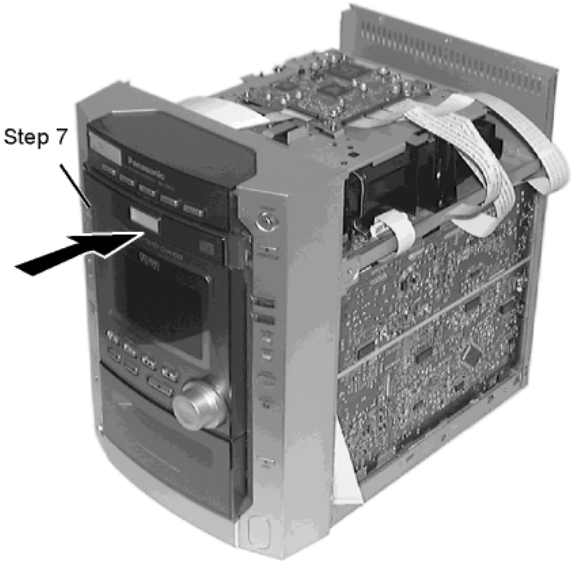


Step 4 Disconnect the power.

Step 5 Release the 2 claws, and then remove the disc tray ornament.

Step 6 Connect the power again.

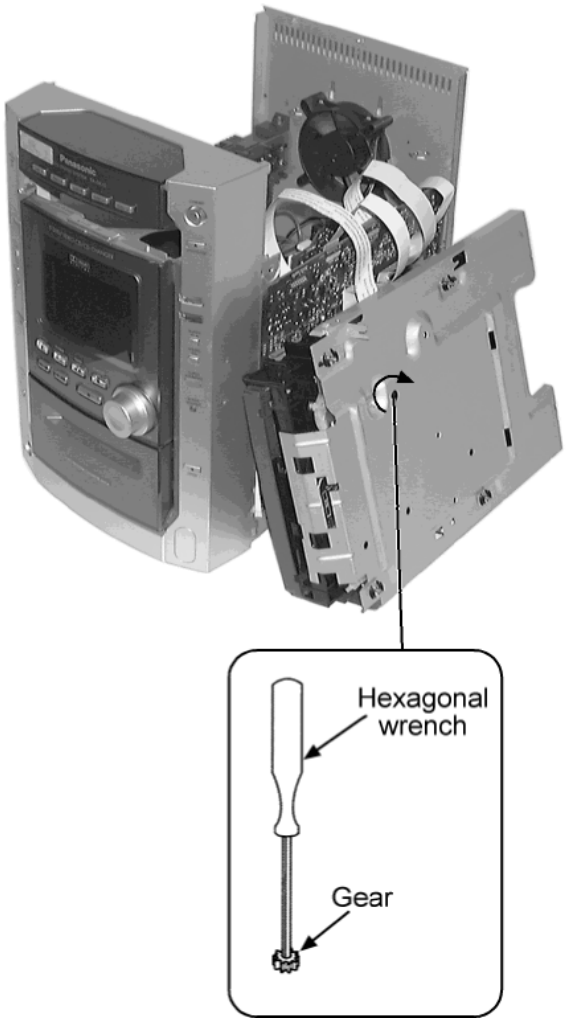
Step 7 Push the button and the power turns ON.



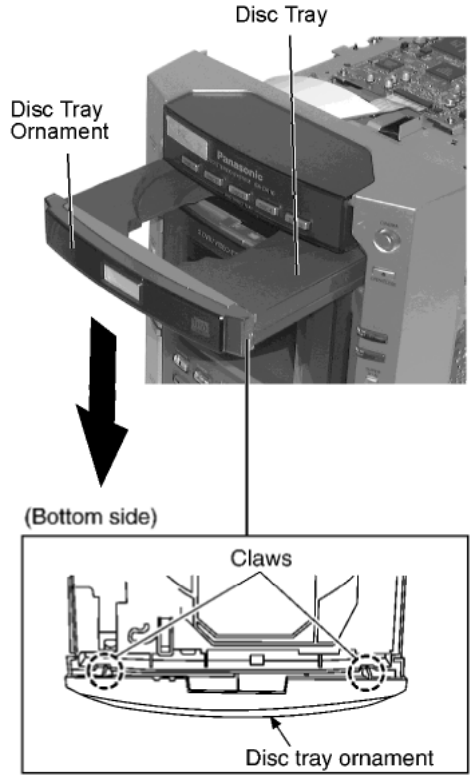
Step 8 Push the open/close button1, so the disc tray will be close.

When opening the disc tray manually

Step 1 Off the unit.



Step 2 Insert the gear for servicing into the bottom hole of mechanism unit cover, and then rotate the hexagonal wrench clockwise so the disc tray will be open.



Step 3 Release 2 claws, and then remove the disc tray ornament.

Step 4 Push the disc tray.

8.3.2. Disassembly for the DVD/CD changer unit.

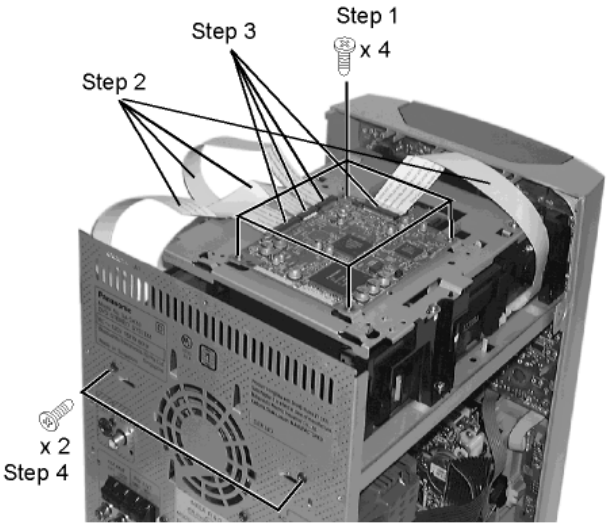
- Follow the (Step 1) - (Step 3) of item 8.1
- Follow the disassembly instruction for the disc tray ornament .

Step 1 Remove 4 screws.

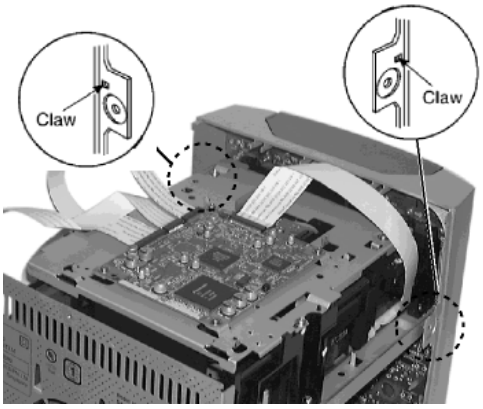
Step 2 Pull out 4 FFCs.

Step 3 Remove 4 connectors.

Step 4 Remove 2 screws at rear panel.



Step 5 Release the claws of both ends, and then lift up the DVD changer unit.



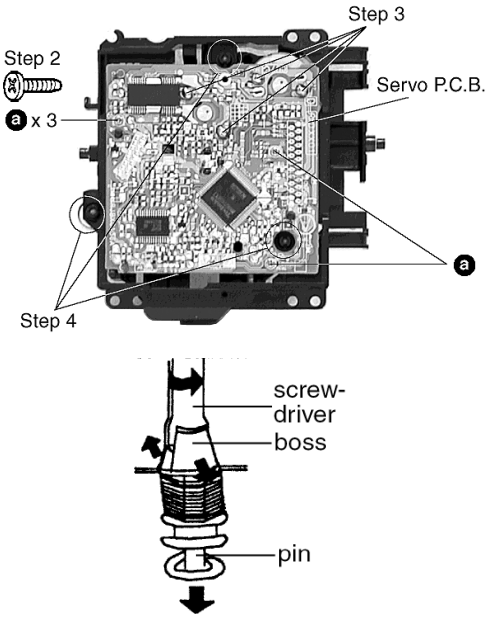
Step 6 Remove the DVD/CD changer and place the DVD/CD changer unit on the unit.

The preparation of checking procedures in operational condition is completed.

8.4. Main Component Replacement Procedures

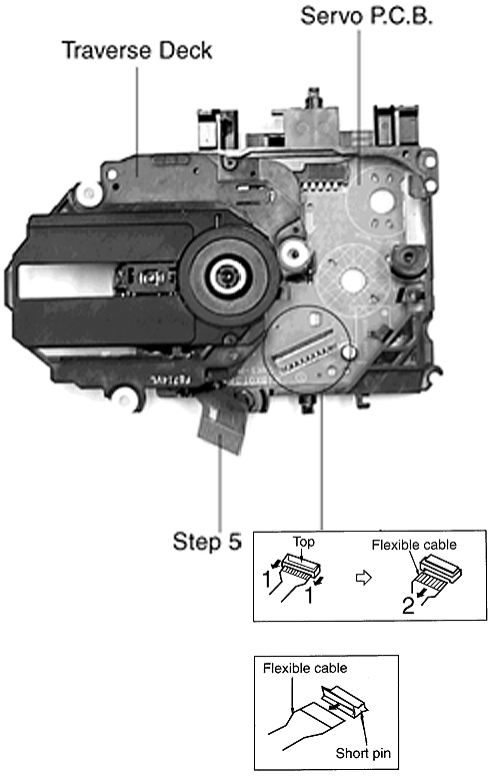
1. Replacement of the Traverse Deck

Step 1 Follow the procedures in 'Disassembly of the Traverse Unit' (Step 1 - Step 4)



Step 3 Desolder the 4 legs of the 2 motors and pull out the Servo P.C.B.

Step 4 Widen the 3 bosses with a flat screwdriver and pull out the 3 pins. Then remove the Traverse Deck.



Step 5 Remove the flexible cable CN 701.

- Removal of the flexible cable. Push the top of the connector in the direction of the arrow 1, and then pull out the flexible cable in the direction of the arrow 2.

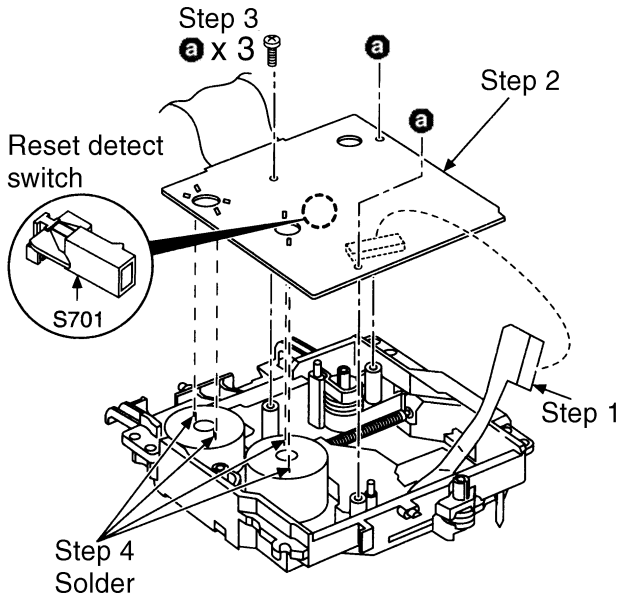
Note:

Insert a short pin into the flexible cable for traverse unit.

- **Installation of the CD servo P.C.B. after replacement**

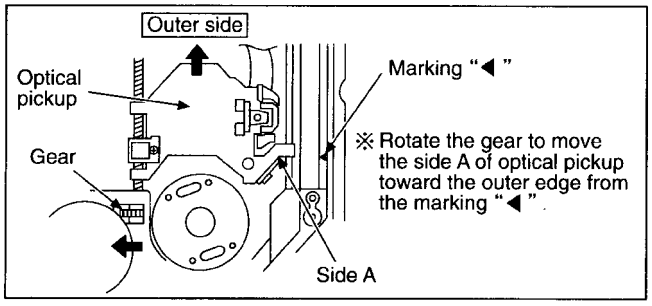
Step 1 Connect the FFC board.

Step 2 Install the CD servo P.C.B. in the traverse deck assembly.



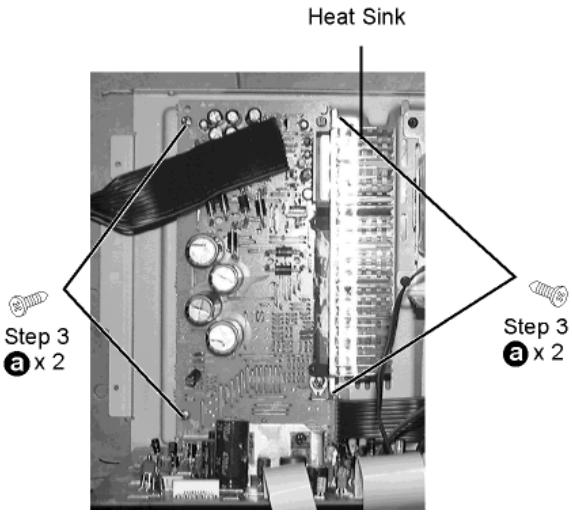
Note:

Before installing the CD servo P.C.B., move the optical pickup towards the outer edge from the marking (black triangle). [Otherwise, the reset detect switch (S701) mounted on the CD servo P.C.B. may be damaged.]



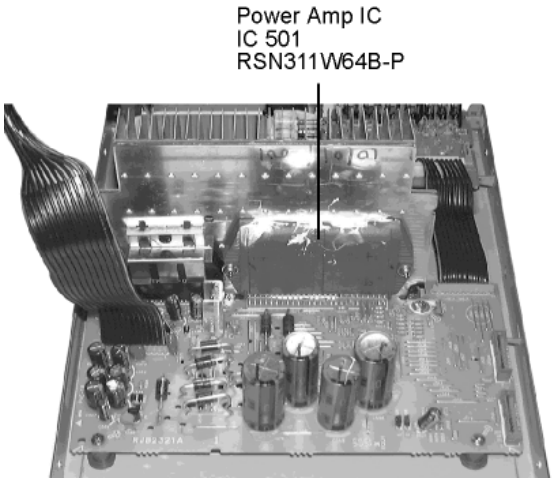
2. Replacement of the Power Amplifier IC

Step 1 Follow the procedures in 'Checking Procedure for each major P.C.B.' (Step 1 - Step 4).

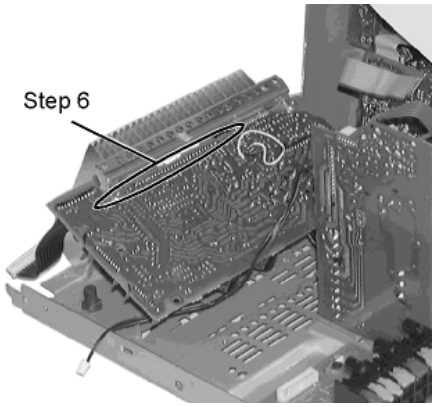


Step 2 Remove the wires at CN302, CN303 and CN304 and pull out the Main P.C.B.

Step 3 Remove 4 screws fixed to the Power Amplifier IC.



Step 4 Unsolder the terminals of Power Amp IC and replace the respective component.

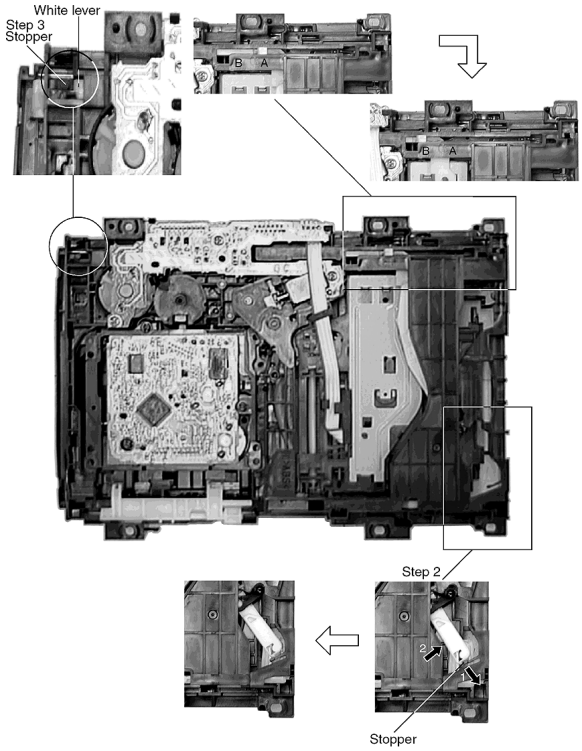


8.5. Disassembly and assembly of the Traverse Unit

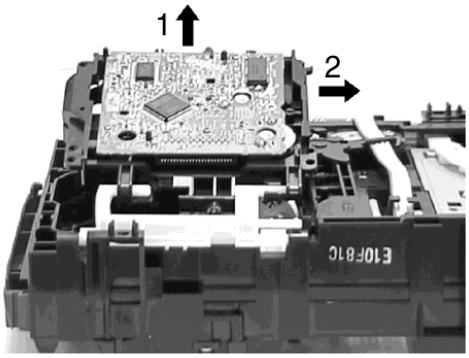
Step 1 Push the lever from position A to B.

Step 2 Pull the stopper (black) in the direction of arrow 1 and push the lever in the direction of arrow 2.

Step 3 Push the stpeer (black) down until the white lever eject out.



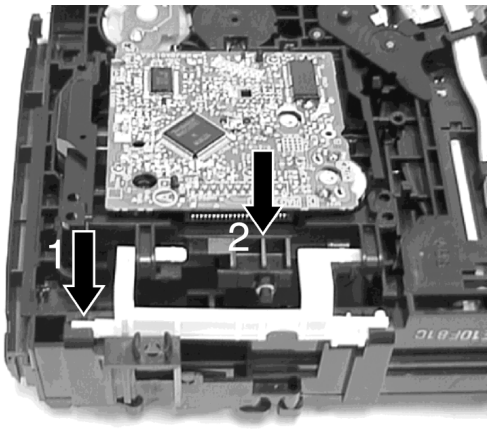
Step 4 Lift up the traverse unit and slide out the unit as shown.



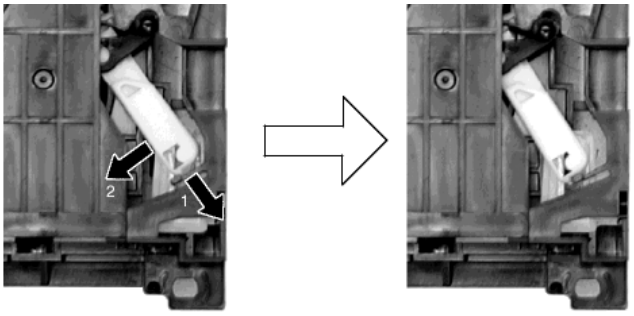
- **Replacement of Traverse Unit**

Step 1 Place the traverse unit as shown.

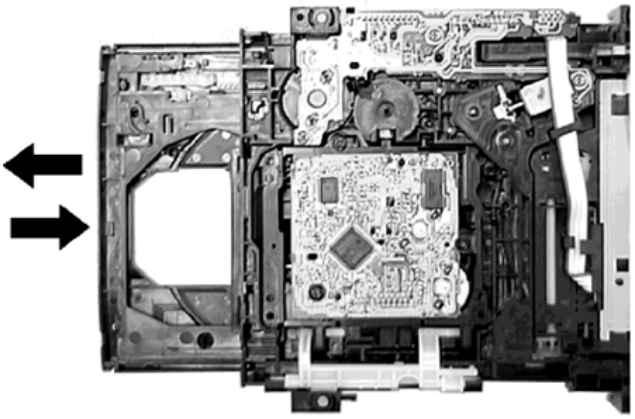
Step 2 Press in the lever shaft in the direction of arrow 1 as shown and push the traverse unit into the position in the direction of arrow 2.



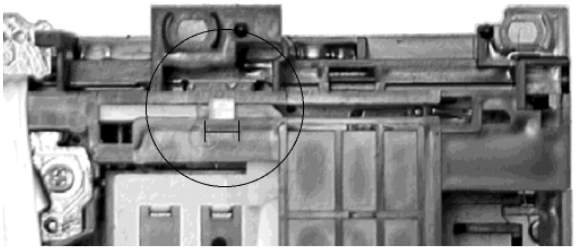
Step 3 Pull the stopper in the direction of arrow 1 and release the lever in the direction of arrow 2 as shown.



Step 4 Pull out the tray half way and push it back fully.



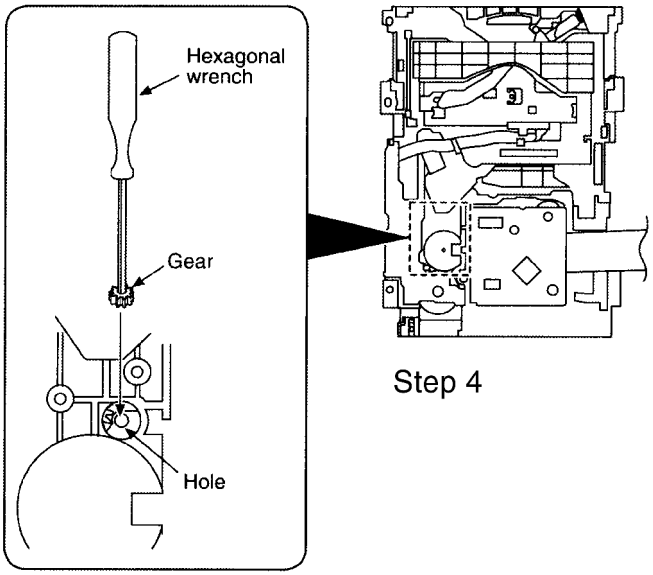
Step 5 Push the lever to the initial position indicated 'I---I'.



8.6. Disassembly and assembly of the Disc Tray

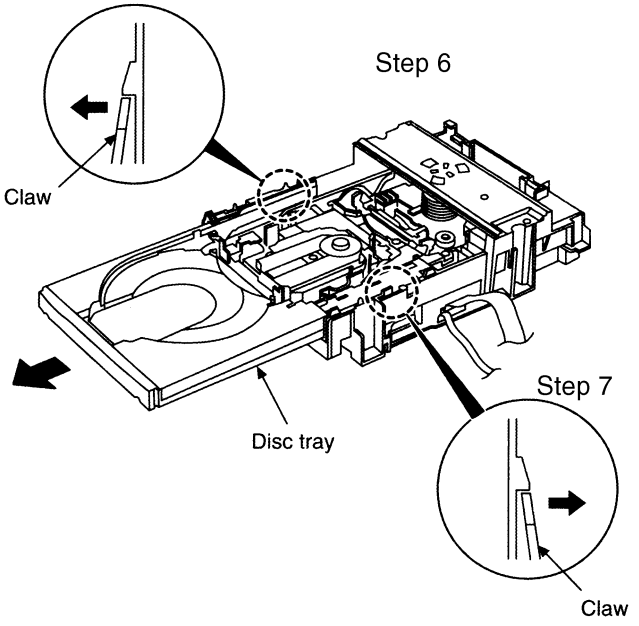
Step 2 With lifting the claw in the direction of arrow 1, draw the clamp SW P.C.B. in the direction of arrow 2.

Step 3 Remove the mechanism cover.



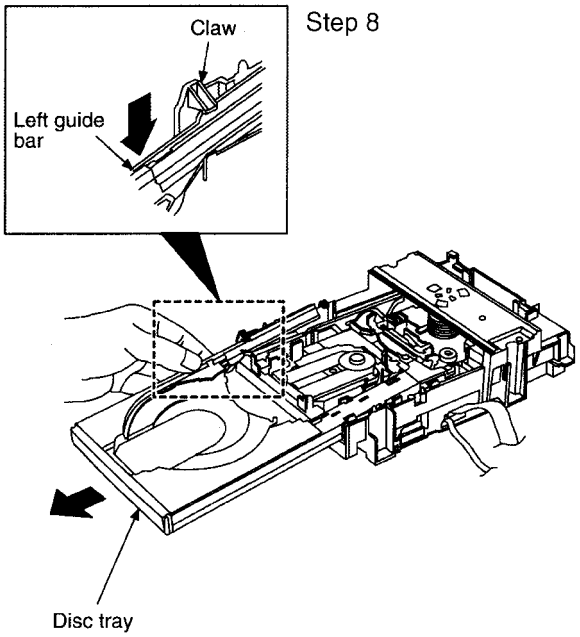
Step 4 Insert the gear with hexagonal wrench into the hole.

Step 5 Rotate the hexagonal wrench in the direction of arrow (clockwise), and then open the disc tray fully.



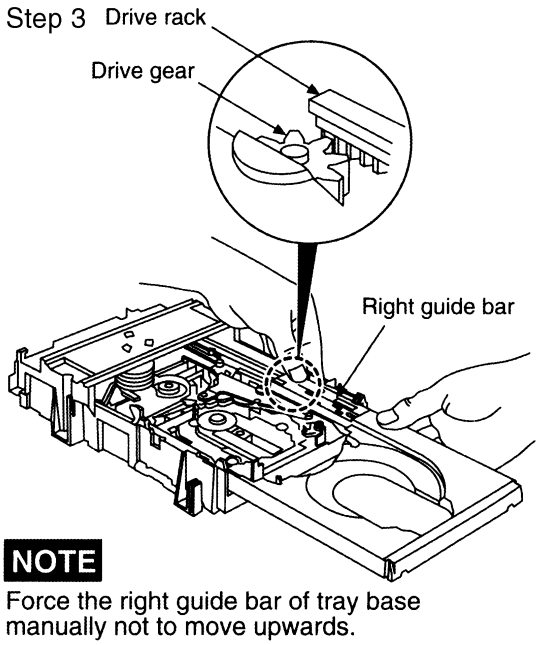
Step 6 Upset the CD changer unit again.

Step 7 Release both the claws, and then draw the disc tray.

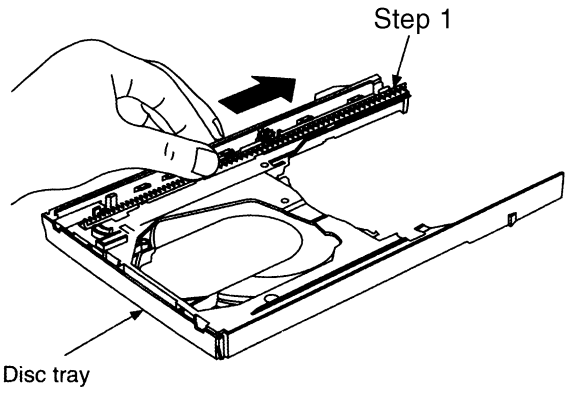


Step 8 With forcing the left guide bar manually because the left guide bar interfers with claw, draw the disc tray.

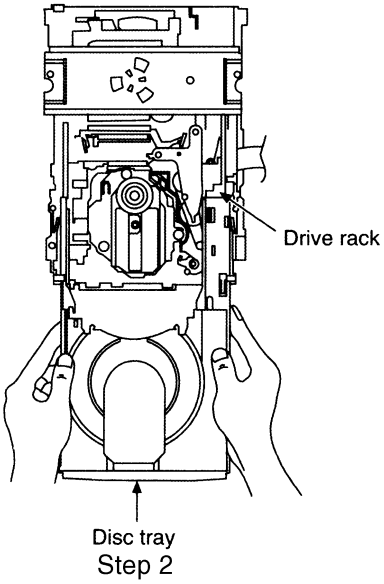
- **Installation of the disc tray after replacement**



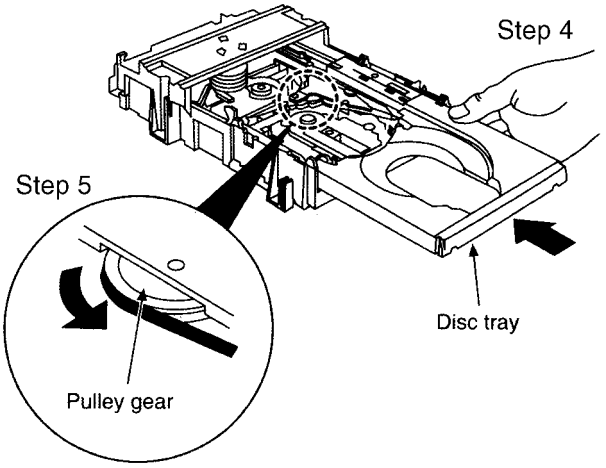
Step 3 Align the drive rack with the driver gear.



Step 1 Slide the drive rack fully in the direction of arrow.



Step 2 Holding the drive rack not to move, install the disc tray.



Step 4 Holding the disc tray manually, rotate the pulley gear in the direction of arrow.

Step 5 Rotate the gear 5 or 6 times manually, and then push the disc tray.

9 Measurements and Adjustments

9.1. Cassette Deck Section

- Measurement Condition
  - Reverse-mode selector switch: ⟲
  - Tape edit: NORMAL
  - Record timer: OFF
  - Make sure head, capstan and press roller are clean.
  - Judgeable room temperature 20 ± 5 °C (68 ± 9°F)
- Measuring instrument
  - EVM (Electronic Volmeter)
  - Digital quency counter
- Test Tape
  - Head azimuth adjustment (8 kHz, -20 dB); QZZCFM
  - Tape speed gain adjustment (3 kHz, -10 dB); QZZCWAT
  - Playback gain adjustment (315 Hz, 0 dB); QZZCFM
  - CrO2 tape, QZZCRX

9.1.1. Head Azimuth Adjustment

Note :

If you wish to readjust the head azimuth, be sure to adjust with adhering the casette tape closely to the mechanism by pushing the cebter of cassette tape with your finger. (Shown in Fig. 1)

1. Connect the measuring instrument as shown in Fig. 2.
2. Replace azimuth screws for both forward and reverse direction after removing the screw-locking bond left on the head base.
3. Playback the azimuth adjustment portion(8kHz, -20dB) of test tape(QZZCFM). Adjust the azimuth adjusting screw until the outputs of the L/Rch are maximized. (Refer to Fig. 3)

   Make sure that the difference in the peak level between the left and right channels does not exceed 5dB.
4. Perform the same adjustment in reverse playback mode.

   Check of the level difference forward and reverse directions
5. Playback the playback gain adjustment portion(315Hz, 0dB) of test tape(QZZCFM). Check if level difference between forward and reverse direction is within 1.5dB.
6. After the adjustment, apply screwlock to the azimuth adjusting screw.

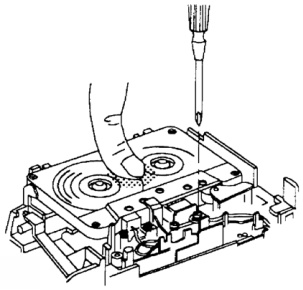


Fig. 1

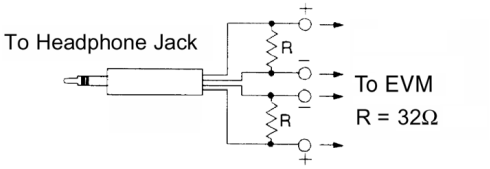


Fig. 2

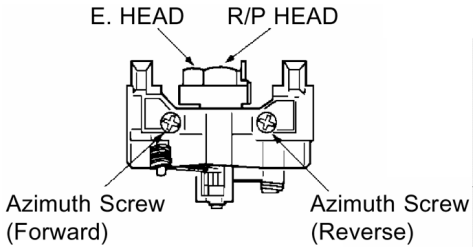
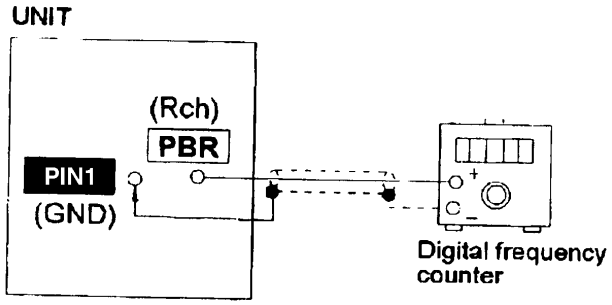


Fig. 3

9.1.2. Tape Speed Adjustment (Deck 1/2)

1. Set the tape edit button to “NORMAL” position.
2. Insert the test tape (QZZCWAT) to DECK and playback (FWD side) the middle portion of it.
3. Adjust Motor VR for the output value shown below.

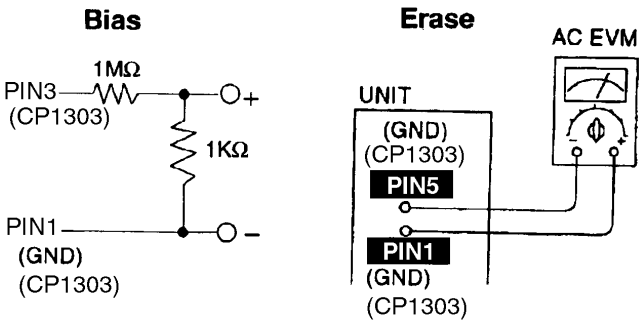
   Adjustment target: 2940 ~ 3060 Hz (NORMAL speed)
4. After alignment, assure that the output frequency of the DECK REV is within ±60 Hz respectively of the value of the output frequency of DECK FWD.



9.1.3. Bias and Erase Voltage Check

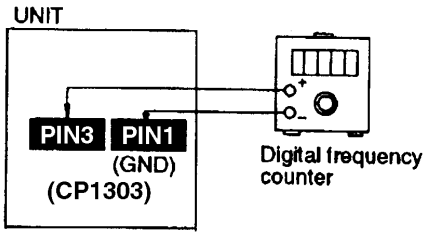
1. Set the unit “AUX” position.
2. Insert the Normal blank tape (QZZCRA) into DECK and the unit to “REC” mode (use “● REC/PAUSE” key).
3. Measure and make sure that the output is within the standard value.
4. Insert the Cr02 tape(QZZCRX).
5. Repeat steps 2 and 3.

Bias voltage	16 ± 4mV (Normal)
	26 ± 5mV (Cr02)
Erase voltage for Deck 2	more than 80mV (Normal)
	more than 90mV (Cr02)



2. Insert the Normal blank tape (QZZCRA) into DECK 2 and set the unit to “REC” mode (● use “REC/PAUSE” key).
3. Check so that the output frequency is within the standard value.

Standard Value: 86 ±8 kHz

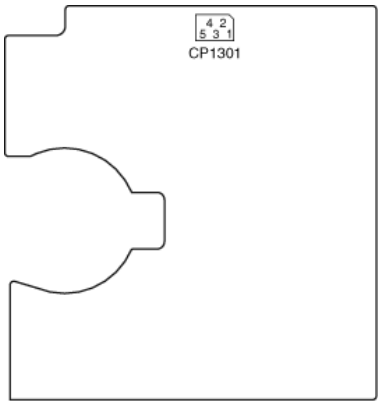


9.1.4. Bias Frequency check

1. Set the unit to “AUX” position.

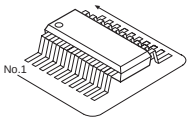
9.2. Alignment Points

Cassette Deck Section

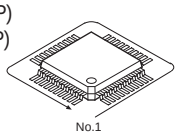


10 Illustration of ICs, Transistors and Diodes

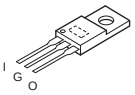
BU2090AF-E2 (16P)
M62457AFPE1 (16P)
M62456FPE1 (24P)
NJU7313AMT2 (30P)
M5218AFPE3 (8P)
BU4053BCF-E2 (14P)
M5228FPE1 (14P)
M62444FPE1
KM416S1DTG8T (60P)
C2BBFD000307 (42P)
C2BBFD000308 (42P)
C0CBCBD00002 (6P)
C1AB00001393 (16P)
C1DB00000582 (16P)



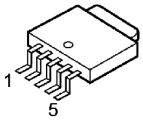
MN677533MP (208P)
MN103S13BGA (144P)
MN67706EC (100P)
AN8708FHK
MN102H60GFA (100P)
C2BBGF000280 (100P)
C2HBZC000011 (80P)
C0FBBK000021 (48P)



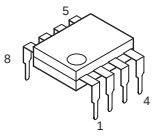
LM2940T5M



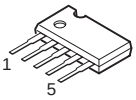
PQ1CZ31H2ZP
PQ018EZ01ZP



M5218AP



BA7755A



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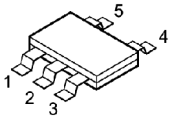
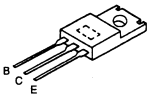
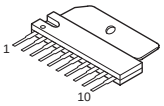


KTC2026
KTA1046YU
KTA1046YTA



TA7291P



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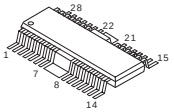

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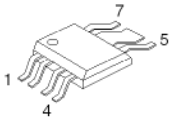

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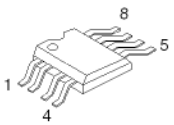

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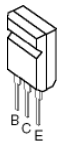

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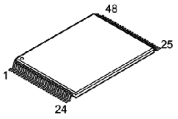
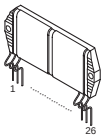


RSN311W64A-P



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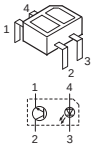

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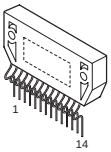

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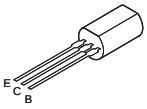

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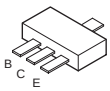

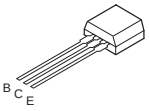

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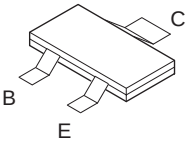
KRC102MTA
KTC3199GRTA
RVTDTC143EST
2SC2784FTA

2SA1037AKSTX
2SC2412KT96R
2SD2144K1
DTA114EKA146
DTA143XKA146
DTC114YKA146

DTC143XKA146
DTC114EKA146
DTC144TKA146
UN5212TX
UN2121-TX
KRC103STA



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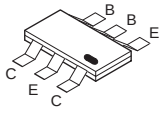

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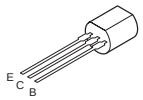

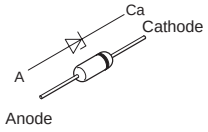

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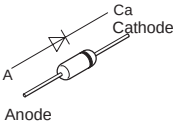
MTZJ4R7BTA
MTZJ6R8ATA
MTZJ16ATA
MTZJ9R1CTA

MA165TA
MA700ATA
MA729TX
RVD1SS133TA
KRC103STA



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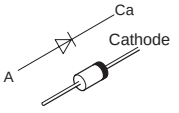

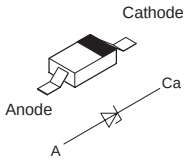

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UDZSTE177R5B
UDZSTE179R1B

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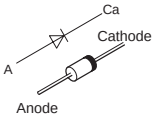
RL1N4003N02
1N5402BM21



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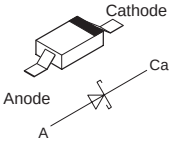

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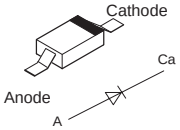
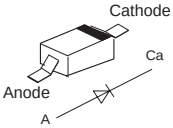


SFPB-72V



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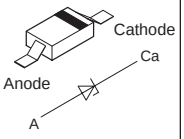

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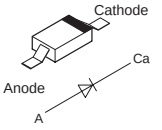

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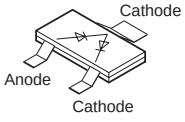

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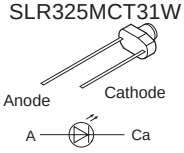

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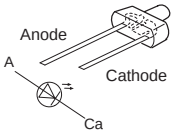

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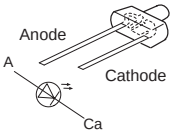
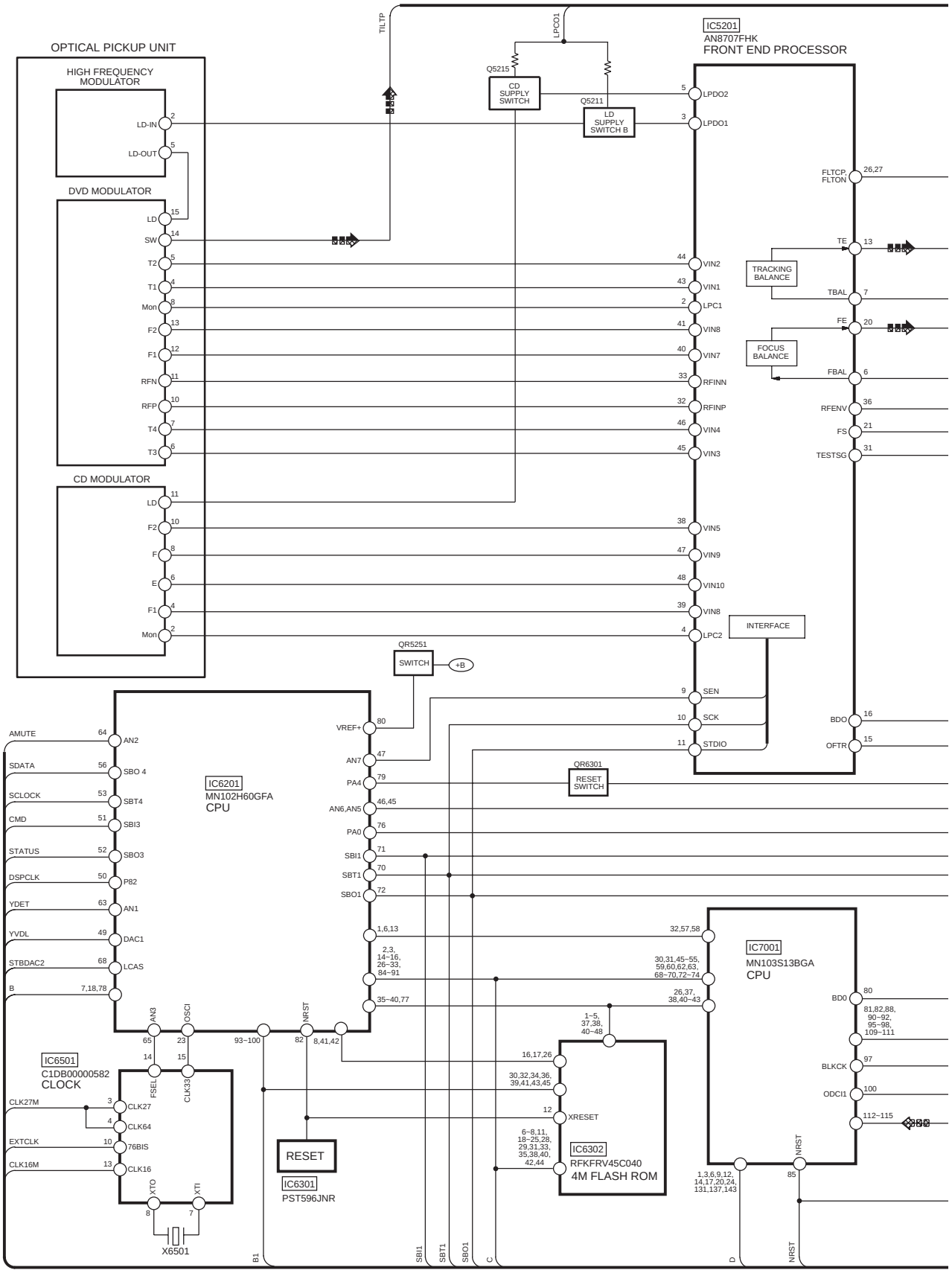


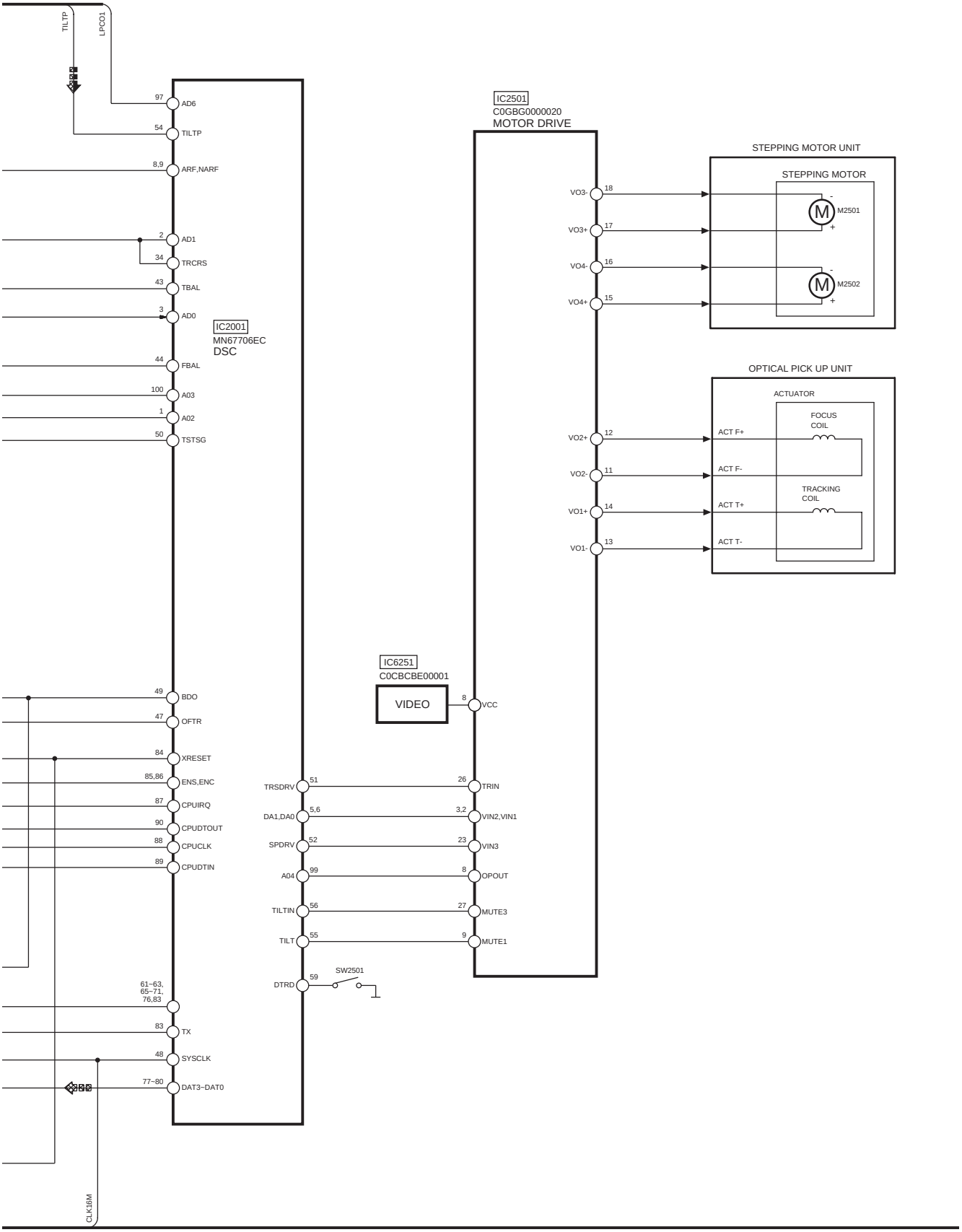
11 Terminal Function of IC's

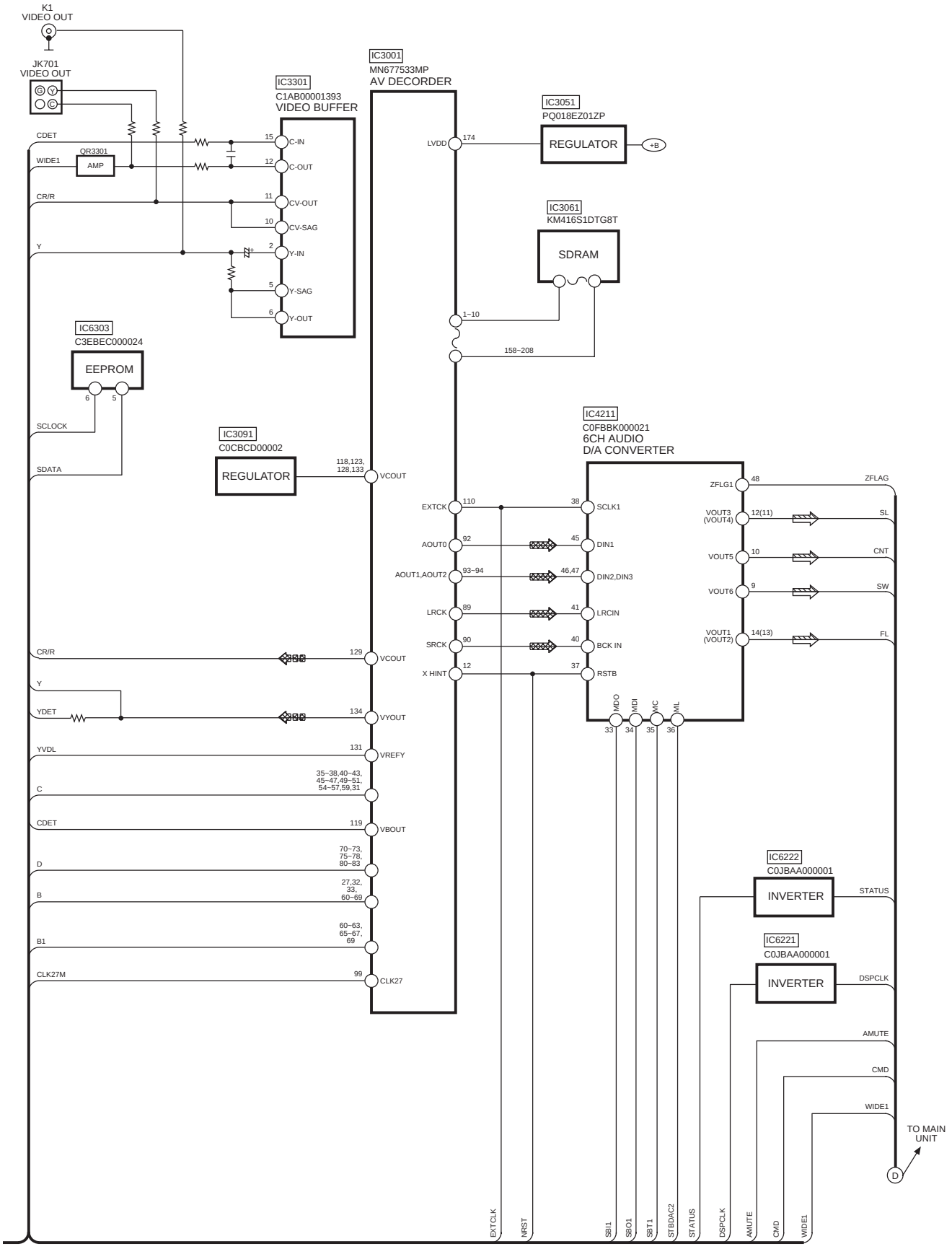
11.1. IC601 (C2BBGF000280) System Microprocessor

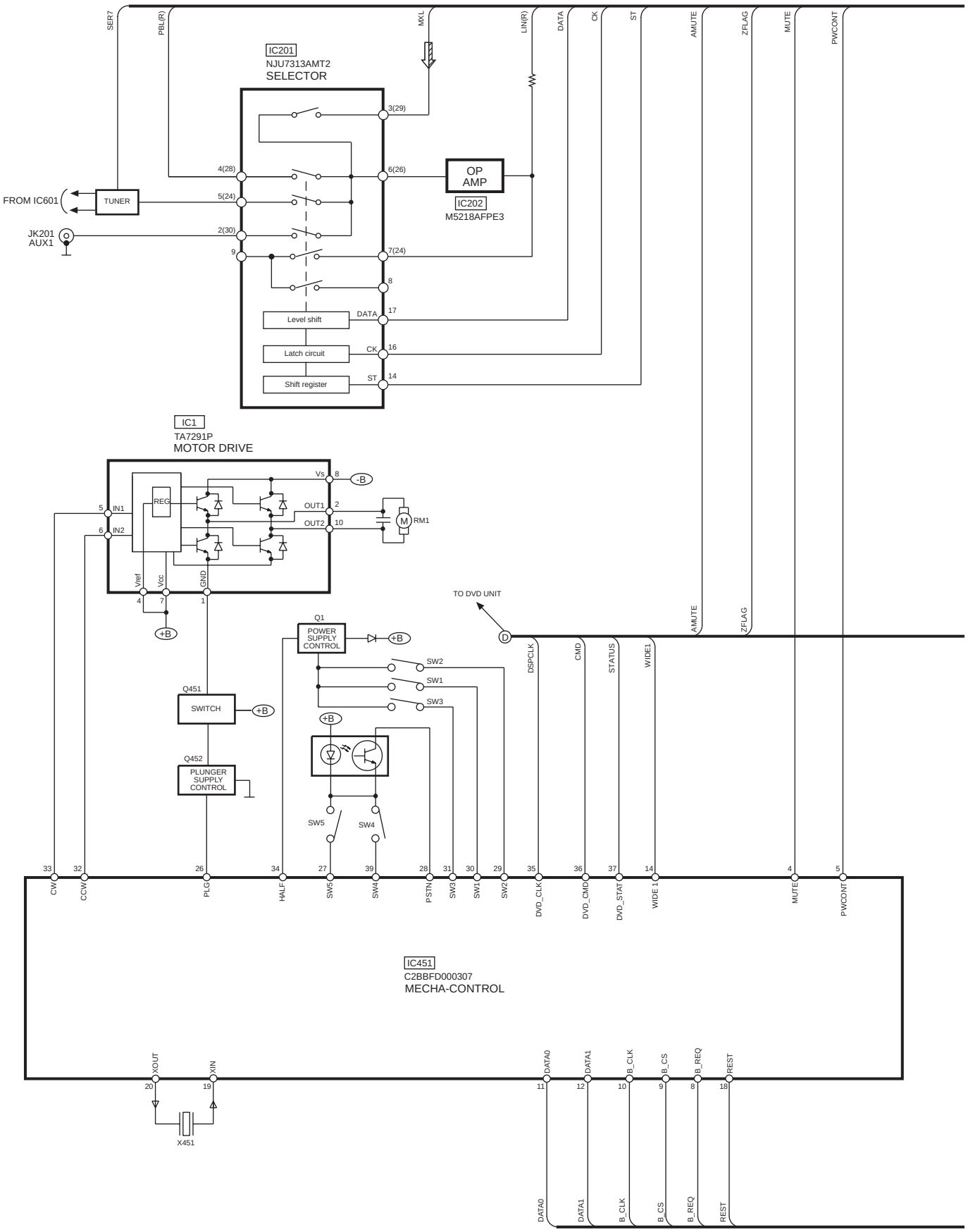
Pin No.	Mark	I/O	Function
1	SER5	I/O	Searal 5 output (PLL/DSP DA)
2	MK_IN2	I/O	Mech condition input 2 (TPS/PHOTO)
3	MK_IN1	I/O	Mech condition input 1 (HALF/MODE/R_INHF/R_INHR)
4	KEY 3	I/O	Key 3 input
5	KEY 2	I/O	Key 2 input
6	KEY 1	I/O	Key 1 input
7	JOG1B	I/O	JOG 1 input B Main Volume
8	JOG1A	I/O	JOG 1 input A Main Volume
9	SP_IN	I/O	Speana input
10	SP_A	I/O	Speana control output A
11	AP_B	I/O	Speana control output B
12	SP_C	I/O	Speana control output C
13	N.C.	I/O	No use
14	N.C.	I/O	No use
15	N.C.	I/O	No use
16	SER9	I/O	Searal 9 output (Echo LA)
17	VSS	-	Ground
18	RESET	I	RESET input (Active L)
19	XCOUT	I/O	32.768 kHz sub clock
20	XCIN	I/O	32.768 kHz sub clock
21	VSS	-	Ground (0V)
22	XIN	I	4.00 MHz main clock
23	XOUT	O	4.00 MHz main clock
24	VCC	-	Power supply (+5V)
25	MBP1	I/O	MPU beat proof output 1
26	MBP2	I/O	MPU beat proof output 2
27	PCONT/PCNT	I/O	PCNT output
28	N.C.	I/O	No use
29	DCDET	I/O	DCDET input
30	SER4	I/O	Searal 4 output (ROM CS)
31	RMT	I/O	Remoco input
32	SYNC	I/O	AC failure detect input
33	SER3	I/O	Searal 3 output (Exp2 CK/ROM CK)
34	SER2	I/O	Searal 2 output (Exp1CK/ROM DA)
35	SER1	I/O	Searal 1 output (EXP1/2 DA)
36	DSPRST	I/)	DSP reset output
37	DSPACK	I/O	DSP ACK input
38	SENSE	I/O	DSP sense input
39	MIC SW	I/O	MIC output sw
40	PHONE	I/O	Phone output sw
41	D0/ST	I/O	Tuner D0/ST input
42	SDIN	I/O	Tuner signal DET input
43	REGION IN/REG_IN	I/O	Region input
44-55	AND12-1/REG12-1	I/O	Grid drive output (Digit drive output)
56-88	SEG1-33	I/O	Segment drive output (Anode drive output)
89	VEE	-	Power supply (-30V)
90	MECHSI	I/O	Mecha control data input
91	MECHSO	I/O	Mecha control data output
92	MECHCK	I/O	Mecha control clock input
93	MECHRQ	I/O	Mecha con request output
94	MECHCS	I/O	Mecha control CS input
95	MECRST	I/O	Mechcon reset output
96	SER8	I/O	Searal 8 output (DSP LA)
97	AVSS	-	Analog ground (0V)
98	VREF	-	Reference for A-D
99	SER7	I/O	Searal 7 output (PLL CE)
100	SER6	I/O	Searal 6 output (PLL/DSP CK)

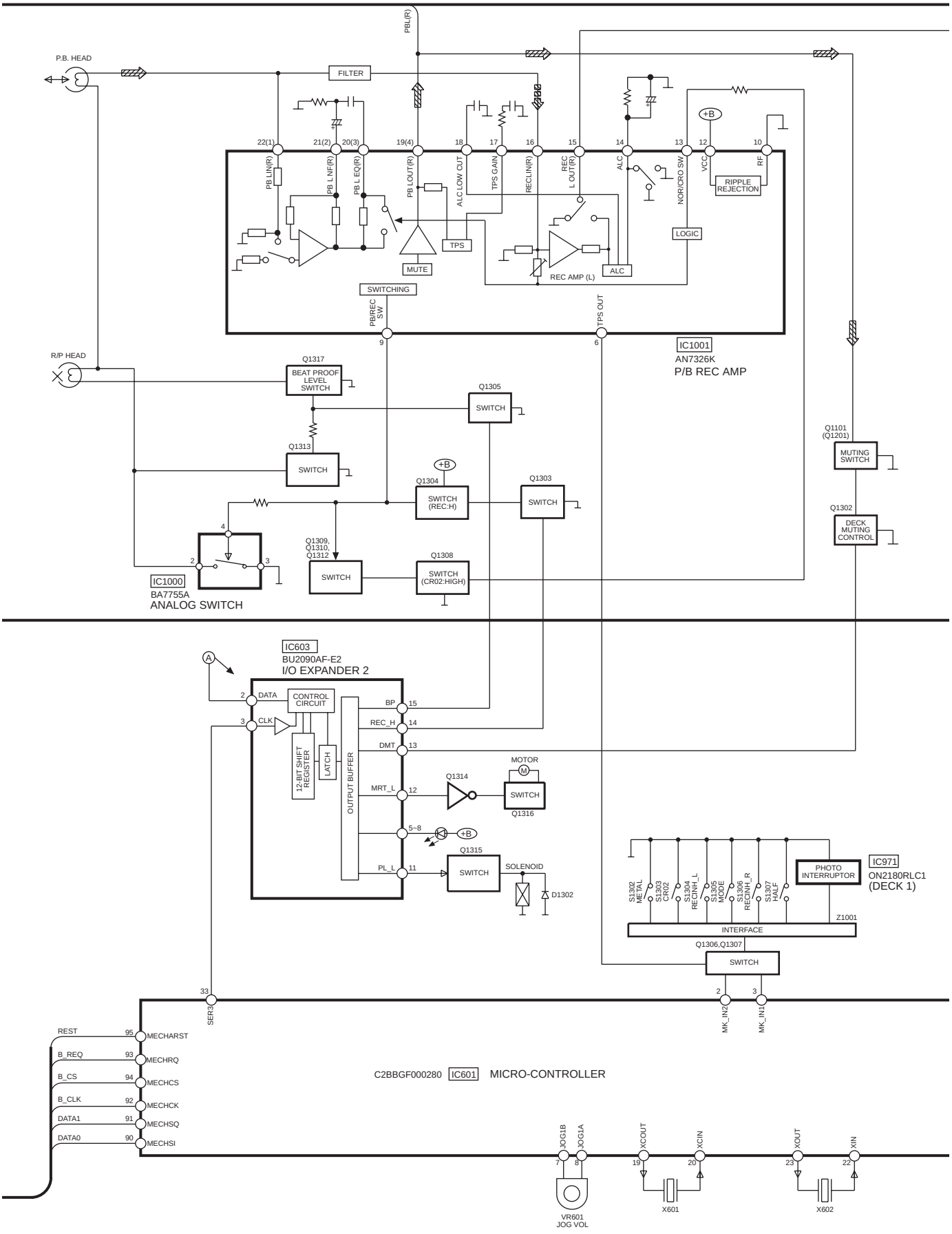
12 Block Diagram

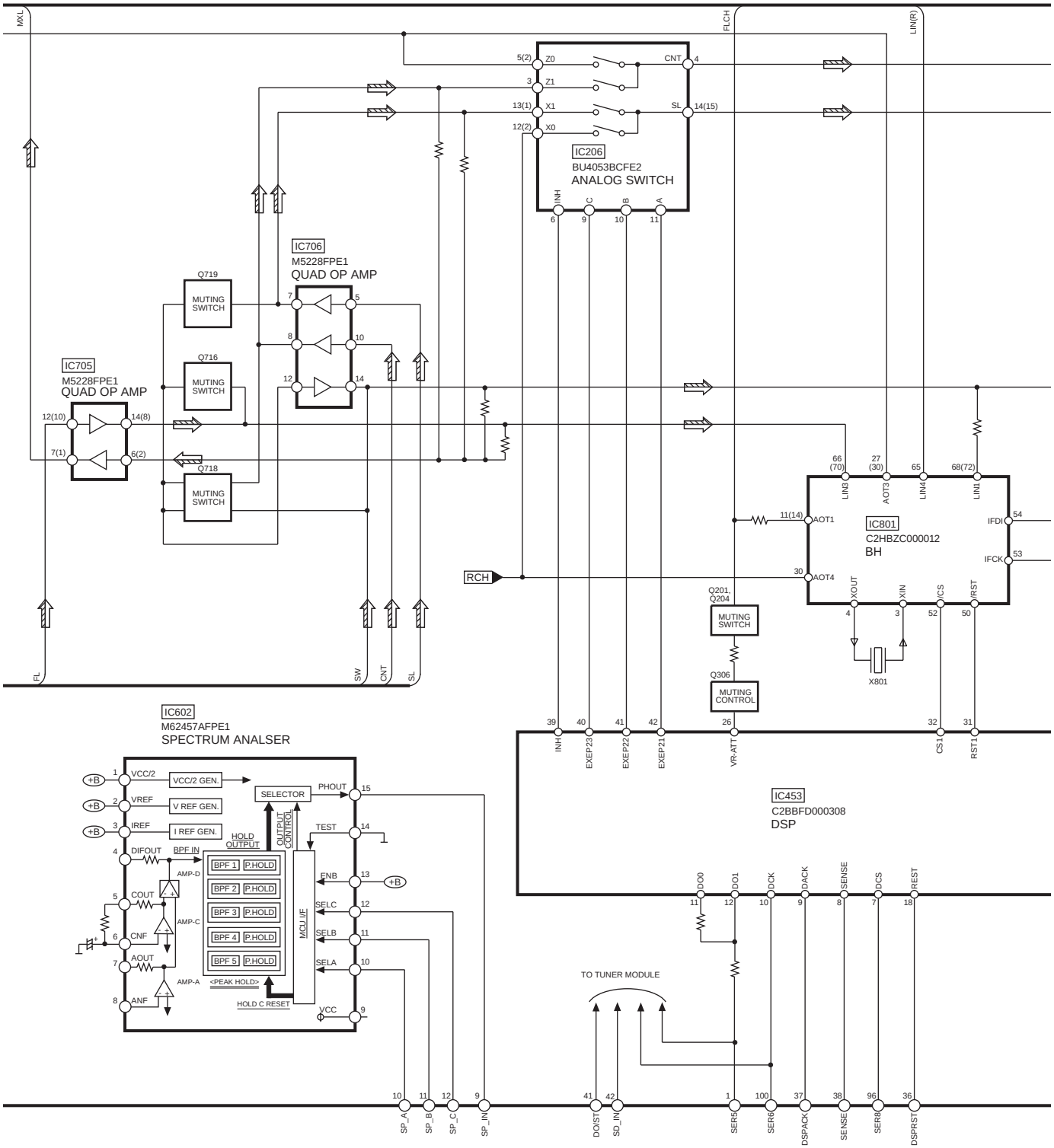



TILTP
LPCO1
97 AD6
54 TILTP
8,9 ARF,NARF
2 AD1
34 TRCRS
43 TBAL
3 AD0
IC2001
MN67706EC
DSC
44 FBAL
100 A03
1 A02
50 TSTSG
49 BDO
47 OFTR
84 XRESET
85,86 ENS,ENC
87 CPUIRQ
90 CPUDTOUT
88 CPUCLK
89 CPUDTIN
61~63, 65~71, 76,83
83 TX
48 SYSCLK
77~80 DAT3~DAT0
CLK16M
IC2501
C0GBG0000020
MOTOR DRIVE
VO3- 18
VO3+ 17
VO4- 16
VO4+ 15
STEPPING MOTOR UNIT
STEPPING MOTOR
M2501
M2502
OPTICAL PICK UP UNIT
ACTUATOR
FOCUS COIL
TRACKING COIL
VO2+ 12
VO2- 11
VO1+ 14
VO1- 13
ACT F+
ACT F-
ACT T+
ACT T-
IC6251
C0CBCBE00001
VIDEO
8 VCC
TRSDRV 51
DA1,DA0 5,6
SPDRV 52
A04 99
TILTIN 56
TILT 55
DTRD 59
SW2501
26 TRIN
3,2 VIN2,VIN1
23 VIN3
8 OPOUT
27 MUTE3
9 MUTE1

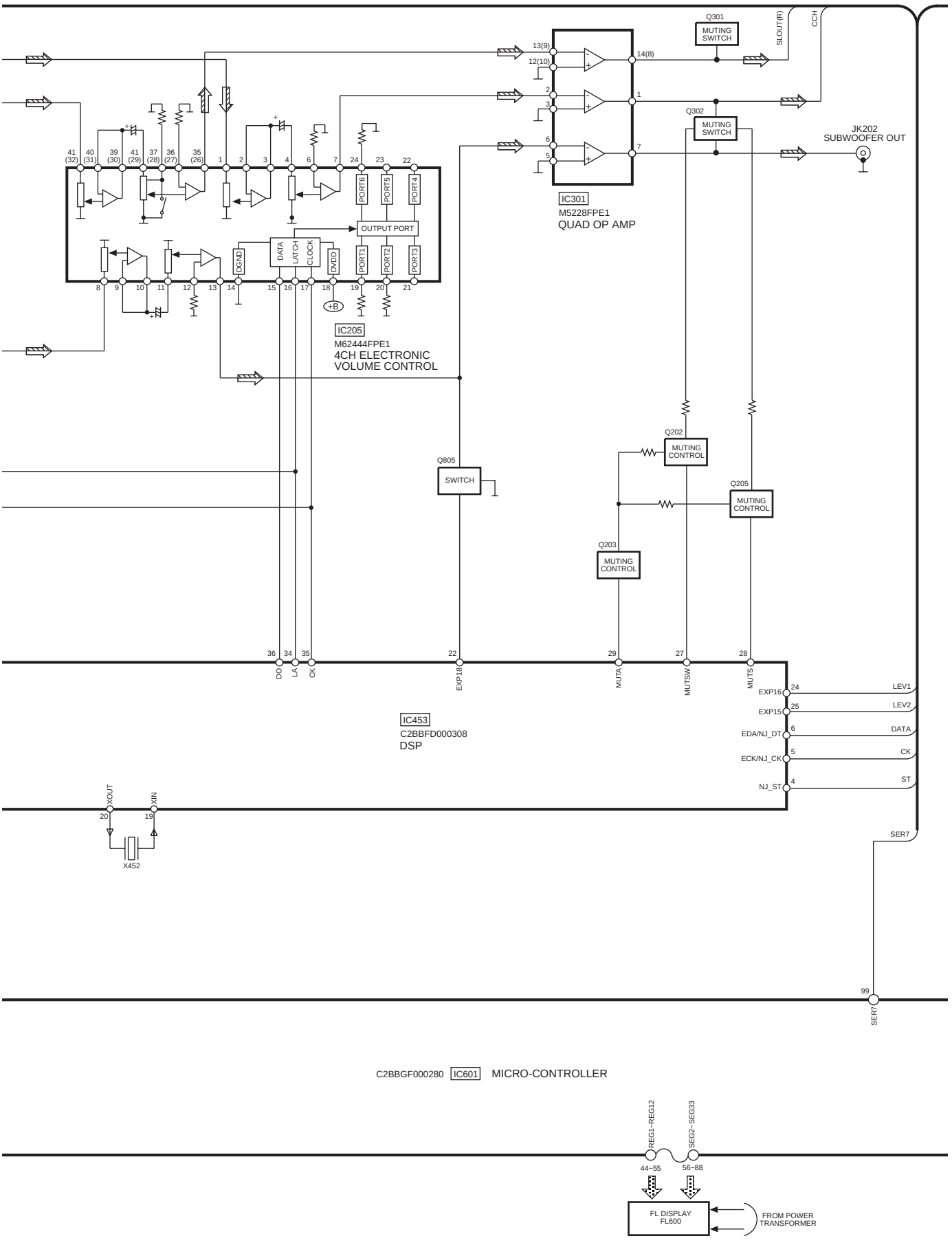

K1
VIDEO OUT
JK701
VIDEO OUT
IC3301
C1AB00001393
VIDEO BUFFER
IC3001
MN677533MP
AV DECORDER
IC3051
PQ018EZ01ZP
REGULATOR
+B
IC3061
KM416S1DTG8T
SDRAM
IC6303
C3EBEC000024
EEPROM
IC3091
C0CBCD00002
REGULATOR
IC4211
C0FBBK000021
6CH AUDIO
D/A CONVERTER
IC6222
C0JBAA000001
INVERTER
IC6221
C0JBAA000001
INVERTER
QR3301
AMP
CDET
WIDE1
CR/R
Y
YDET
YVDL
C
D
B
B1
CLK27M
SCLOCK
SDATA
C-IN
C-OUT
CV-OUT
CV-SAG
Y-IN
Y-SAG
Y-OUT
LVDD
1~10
158~208
VCOUT
VYOUT
VREFY
VBOUT
CLK27
EXTCK
AOUT0
AOUT1,AOUT2
LRCK
SRCK
X HINT
SCLK1
DIN1
DIN2,DIN3
LRCIN
BCK IN
RSTB
MDO
MDI
MC
ML
ZFLG1
ZFLAG
VOUT3 (VOUT4)
SL
VOUT5
CNT
VOUT6
SW
VOUT1 (VOUT2)
FL
STATUS
DSPCLK
AMUTE
CMD
WIDE1
TO MAIN UNIT
EXTCLK
NRST
SBI1
SBO1
SBT1
STBDAC2


SER7
PBL(R)
MXL
LIN(R)
DATA
CK
ST
AMUTE
ZFLAG
MUTE
PWCONT
IC201
NJU7313AMT2
SELECTOR
3(29)
4(28)
6(26)
OP AMP
IC202
M5218AFPE3
FROM IC601
TUNER
5(24)
JK201
AUX1
2(30)
9
7(24)
8
Level shift
DATA
17
Latch circuit
CK
16
Shift register
ST
14
IC1
TA7291P
MOTOR DRIVE
Vs
8
-B
REG
5
IN1
6
IN2
OUT1
2
OUT2
10
M
RM1
Vref
Vcc
GND
4
7
1
+B
TO DVD UNIT
D
Q1
POWER SUPPLY CONTROL
+B
SW2
SW1
SW3
Q451
SWITCH
+B
Q452
PLUNGER SUPPLY CONTROL
SW5
SW4
DSPCLK
CMD
STATUS
WIDE1
33
CW
32
CCW
26
PLG
34
HALF
27
SW5
39
SW4
28
PSTN
31
SW3
30
SW1
29
SW2
35
DVD_CLK
36
DVD_CMD
37
DVD_STAT
14
WIDE 1
4
MUTE
5
PWCONT
IC451
C2BBFD000307
MECHA-CONTROL
XOUT
20
XIN
19
X451
DATA0
11
DATA1
12
B_CLK
10
B_CS
9
B_REQ
8
REST
18

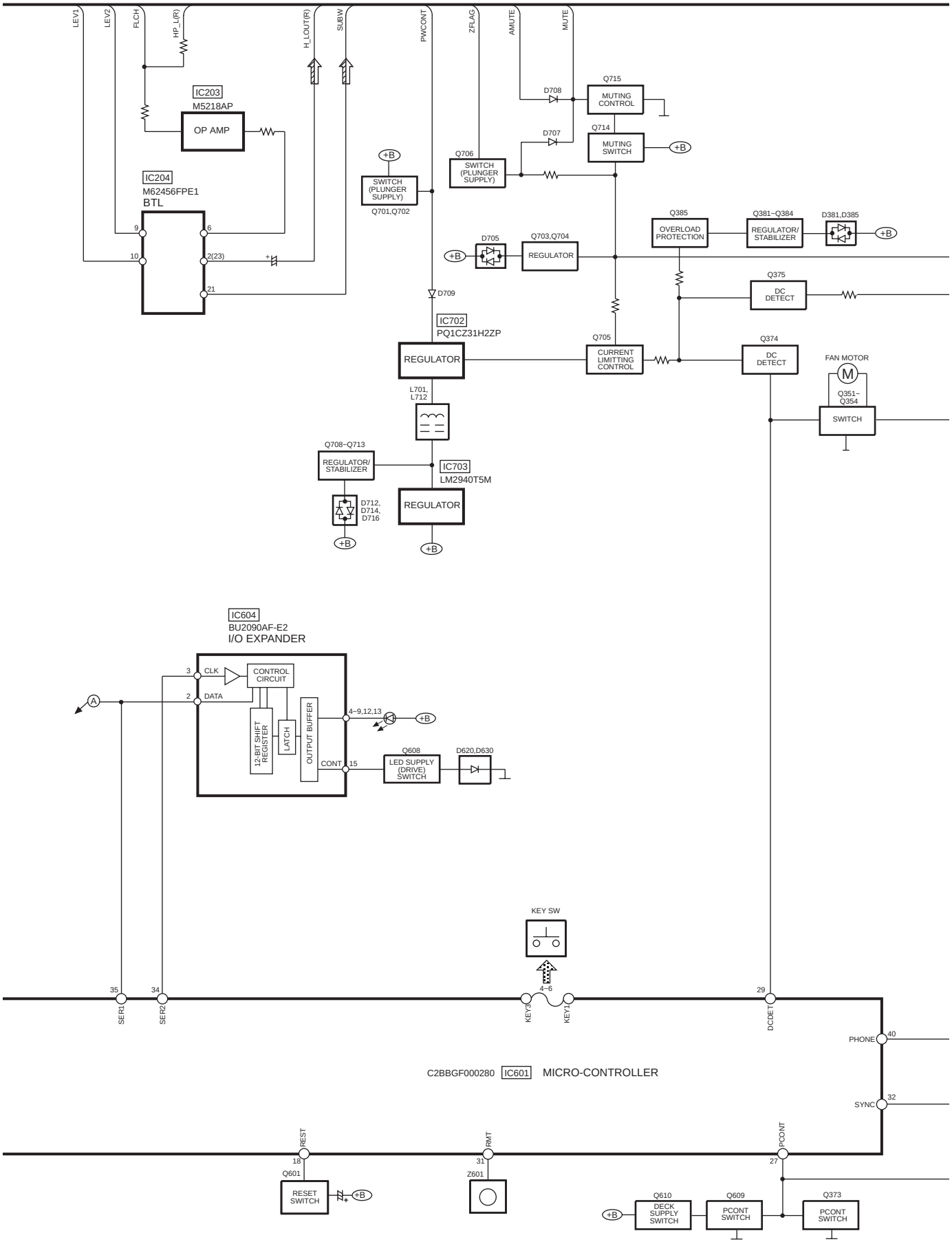

P.B. HEAD
FILTER
PBL(R)
22(1)
21(2)
20(3)
19(4)
18
17
16
15
14
13
12
10
PB LIN(R)
PB L NF(R)
PB L EQ(R)
PB L OUT(R)
ALC LOW CUT
TPS GAIN
RECLIN(R)
REC L OUT(R)
ALC
NOR/CRO SW
VCC
RF
+B
RIPPLE REJECTION
LOGIC
TPS
MUTE
REC AMP (L)
ALC
SWITCHING
PB/REC SW
TPS OUT
9
6
IC1001
AN7326K
P/B REC AMP
R/P HEAD
Q1317
BEAT PROOF LEVEL SWITCH
Q1305
SWITCH
Q1313
SWITCH
Q1304
SWITCH (REC:H)
Q1303
SWITCH
Q1309, Q1310, Q1312
SWITCH
Q1308
SWITCH (CR02:HIGH)
IC1000
BA7755A
ANALOG SWITCH
Q1101 (Q1201)
MUTING SWITCH
Q1302
DECK MUTING CONTROL
IC603
BU2090AF-E2
I/O EXPANDER 2
DATA
CLK
CONTROL CIRCUIT
12-BIT SHIFT REGISTER
LATCH
OUTPUT BUFFER
BP
REC_H
DMT
MRT_L
PL_L
MOTOR
Q1314
SWITCH
Q1316
5–8
+B
Q1315
SWITCH
SOLENOID
D1302
PHOTO INTERRUPTOR
IC971
ON2180RLC1
(DECK 1)
S1302 METAL
S1303 CR02
S1304 RECINH_L
S1305 MODE
S1306 RECINH_R
S1307 HALF
Z1001
INTERFACE
Q1306,Q1307
SWITCH
SER3
MK_IN2
MK_IN1
REST
B_REQ
B_CS
B_CLK
DATA1
DATA0
MECHARST
MECHRQ
MECHCS
MECHCK
MECHSQ
MECHSI
C2BBGF000280 IC601 MICRO-CONTROLLER
JOG1B
JOG1A
VR601
JOG VOL
XCOUT
XCIN
X601
XOUT
XIN
X602

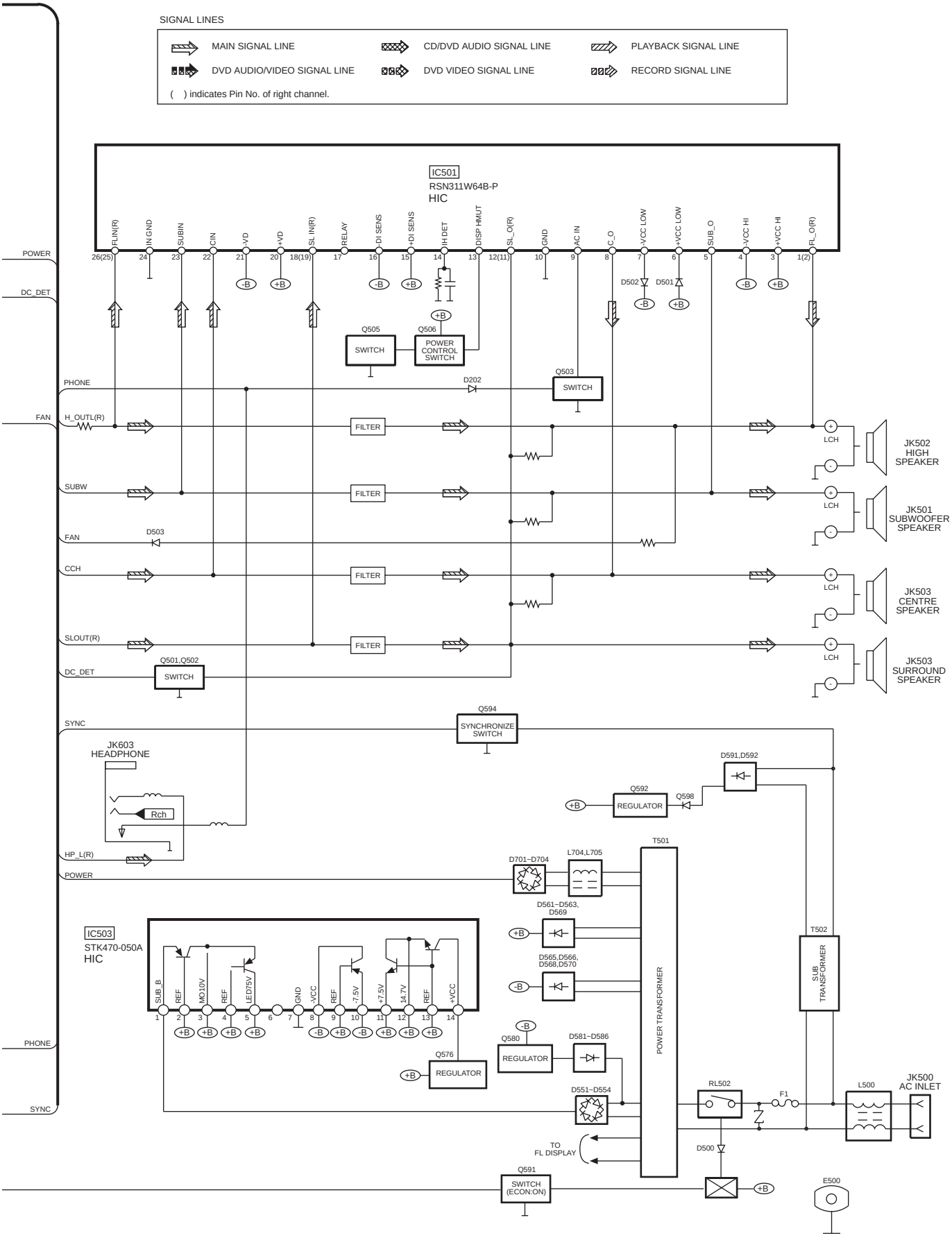


C2BBGF000280 IC601 MICRO-CONTROLLER



C2BBGF000280 IC601 MICRO-CONTROLLER


LEV1
LEV2
FLCH
HP_L(R)
H_LOUT(R)
SUBW
PWCONT
ZFLAG
AMUTE
MUTE
IC203
M5218AP
OP AMP
IC204
M62456FPE1
BTL
9
10
6
2(23)
21
D708
D707
Q715
MUTING CONTROL
Q714
MUTING SWITCH
+B
Q706
SWITCH (PLUNGER SUPPLY)
Q701,Q702
D705
Q703,Q704
REGULATOR
Q385
OVERLOAD PROTECTION
Q381–Q384
REGULATOR/ STABILIZER
D381,D385
Q375
DC DETECT
D709
IC702
PQ1CZ31H2ZP
REGULATOR
Q705
CURRENT LIMITTING CONTROL
Q374
DC DETECT
FAN MOTOR
M
Q351–Q354
SWITCH
L701, L712
Q708–Q713
REGULATOR/ STABILIZER
IC703
LM2940T5M
REGULATOR
D712, D714, D716
IC604
BU2090AF-E2
I/O EXPANDER
3
CLK
CONTROL CIRCUIT
2
DATA
12-BIT SHIFT REGISTER
LATCH
OUTPUT BUFFER
4–9,12,13
CONT
15
Q608
LED SUPPLY (DRIVE) SWITCH
D620,D630
A
KEY SW
4–6
35
34
29
SER1
SER2
KEY3
KEY1
DCDET
PHONE
40
C2BBGF000280
IC601
MICRO-CONTROLLER
SYNC
32
REST
RMT
PCONT
18
31
27
Q601
RESET SWITCH
Z601
Q610
DECK SUPPLY SWITCH
Q609
PCONT SWITCH
Q373
PCONT SWITCH


SIGNAL LINES
MAIN SIGNAL LINE
CD/DVD AUDIO SIGNAL LINE
PLAYBACK SIGNAL LINE
DVD AUDIO/VIDEO SIGNAL LINE
DVD VIDEO SIGNAL LINE
RECORD SIGNAL LINE
( ) indicates Pin No. of right channel.
IC501
RSN311W64B-P
HIC
FLIN(R)
IN GND
SUBIN
CIN
VD
+VD
SL IN(R)
RELAY
DI SENS
+DI SENS
H DET
DISP HMUT
SL_O(R)
GND
AC IN
C_O
VCC LOW
+VCC LOW
SUB_O
VCC HI
+VCC HI
FL_O(R)
26(25) 24 23 22 21 20 18(19) 17 16 15 14 13 12(11) 10 9 8 7 6 5 4 3 1(2)
POWER
DC_DET
PHONE
FAN
H_OUTL(R)
SUBW
FAN
CCH
SLOUT(R)
DC_DET
SYNC
HP_L(R)
POWER
PHONE
SYNC
Q505
SWITCH
Q506
POWER CONTROL SWITCH
Q503
SWITCH
D202
FILTER
FILTER
FILTER
FILTER
D503
Q501,Q502
SWITCH
LCH
JK502 HIGH SPEAKER
JK501 SUBWOOFER SPEAKER
JK503 CENTRE SPEAKER
JK503 SURROUND SPEAKER
Q594
SYNCHRONIZE SWITCH
JK603
HEADPHONE
Rch
D591,D592
Q592
REGULATOR
Q598
T501
D701–D704
L704,L705
D561–D563, D569
D565,D566, D568,D570
POWER TRANSFORMER
T502
SUB TRANSFORMER
IC503
STK470-050A
HIC
SUB_B
REF
MO10V
REF
LED75V
GND
VCC
REF
7.5V
+7.5V
14.7V
REF
+VCC
Q580
REGULATOR
D581–D586
Q576
REGULATOR
D551–D554
RL502
F1
L500
JK500 AC INLET
TO FL DISPLAY
D500
Q591
SWITCH (ECON:ON)
E500

13 Schematic Diagram

(All schematic diagrams may be modified at any time with the development of the new technology)

Note:

S601 : DPL Switch
S602 : SSS Switch
S603 : 3D AI Switch
S604 : Preset EQ Switch
S605 : Amazing Switch
S606 : Super Woofer Switch
S607 : Tape Eject Switch
S610 : Rev Mode select Switch
S611 : Rec/Stop select Switch
S612 : Display/Demo select Switch
S613 : Clock/Timer Switch
S614 : Play/Rec Switch
S615 : Selector Switch
S616 : Tune Mode Switch
S617 : DVD/CD Switch
S618 : Tuner Switch
S619 : Tape Switch
S620 : Volume (-) Switch
S621 : Volume (+) Switch
S622 : Memory Switch
S623 : Power Switch
S625 : CD Manager Switch
S626 : Disc 1 Switch
S627 : Disc 2 Switch
S628 : Disc 3 Switch
S629 : Disc 4 Switch
S630 : Disc 5 Switch
S631 : Cinema Switch
S632 : Open/Close Switch
S971 : Switch Mode
S972 : Switch Half
S973 : Switch CR02
S974 : Switch RECINH_R
S975 : Switch RECINH_F

SW1 : Switch Push
SW2 : Switch Push
SW3 : Switch
SW4 : Switch CD
SW5 : Switch Lock
SW2501 : Switch
VR600 : Volume Jog

- The voltage value and waveforms are the reference voltage of this unit measured by DC electronic voltmeter (high impedance) and oscilloscope on the basis of chassis. Accordingly, there may arise some error in voltage values and waveforms depending upon the internal impedance of the tester or the measuring unit.

No mark	: Playback	<< >>	: Rec	< >	: FM
(( ))	: CD	( )	: AM	[ ]	: AUX

- **Importance safety notice :**

  Components identified by ⚠ mark have special characteristics important for safety. Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. When replacing any of components, be sure to use only manufacturer´s specified parts shown in the parts list.

Caution !

IC, LSI and VLSI are sensitive to static electricity.

Secondary trouble can be prevented by taking care during repair.

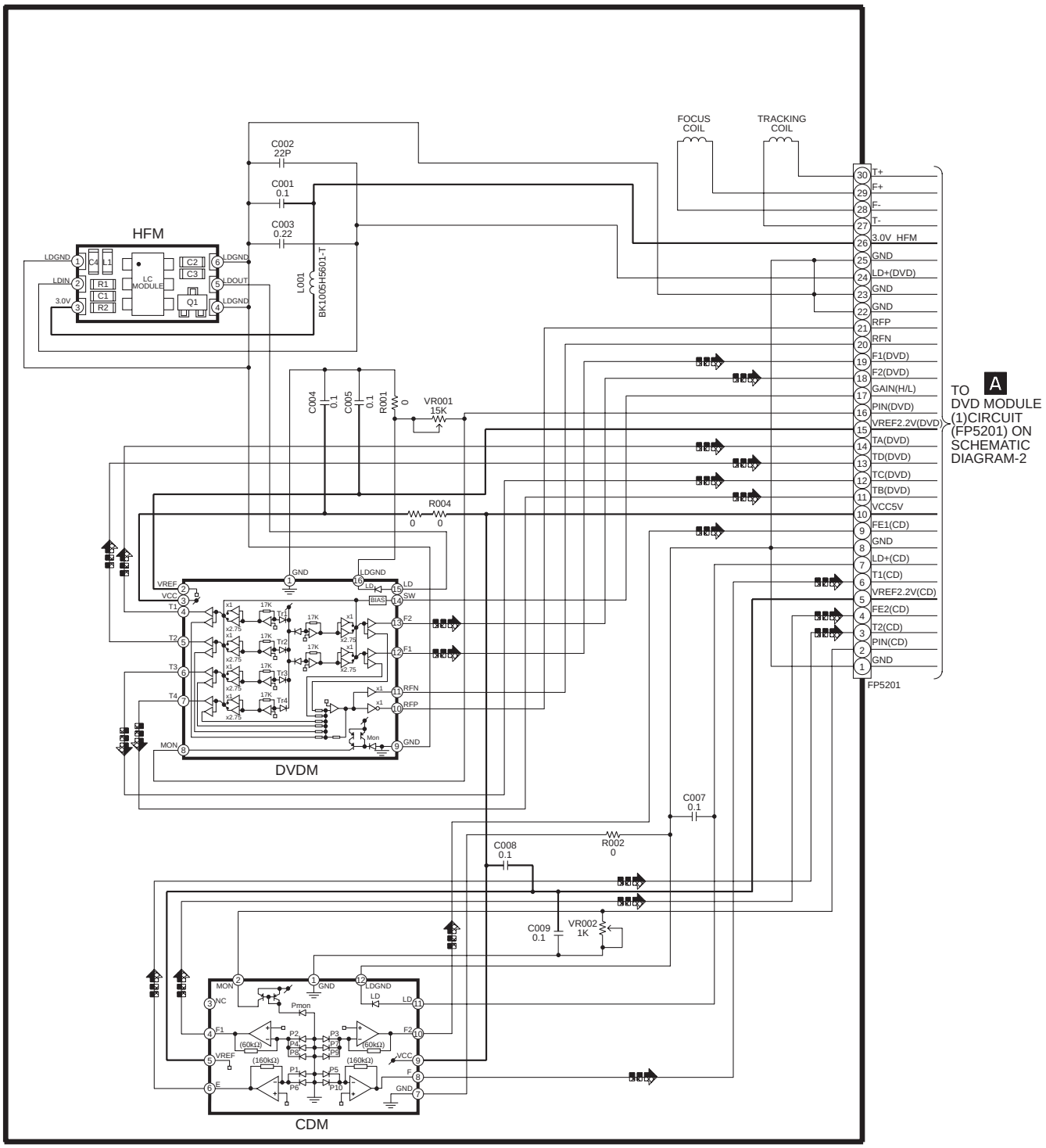
- Cover the parts boxes made of plastics with aluminium foil.
- Put a conductive mat on the work table.
- Ground the soldering iron.
- Do not touch the pins of IC, LSI or VLSI with fingers directly.

"CAUTION: REPLACE FUSIBLE RESISTOR WITH THE SAME TYPE RSFMB40KT-L FUSIBLE RESISTOR" "ATTENTION: REMPLACER LA RESISTANCE FUSIBLE PAR UNE RESISTENCE FUSIBLE DE MEME TYPE RSFMB40KT-L.

SCHEMATIC DIAGRAM - 1

: +B SIGNAL LINE : DVD (AUDIO/VIDEO) SIGNAL LINE

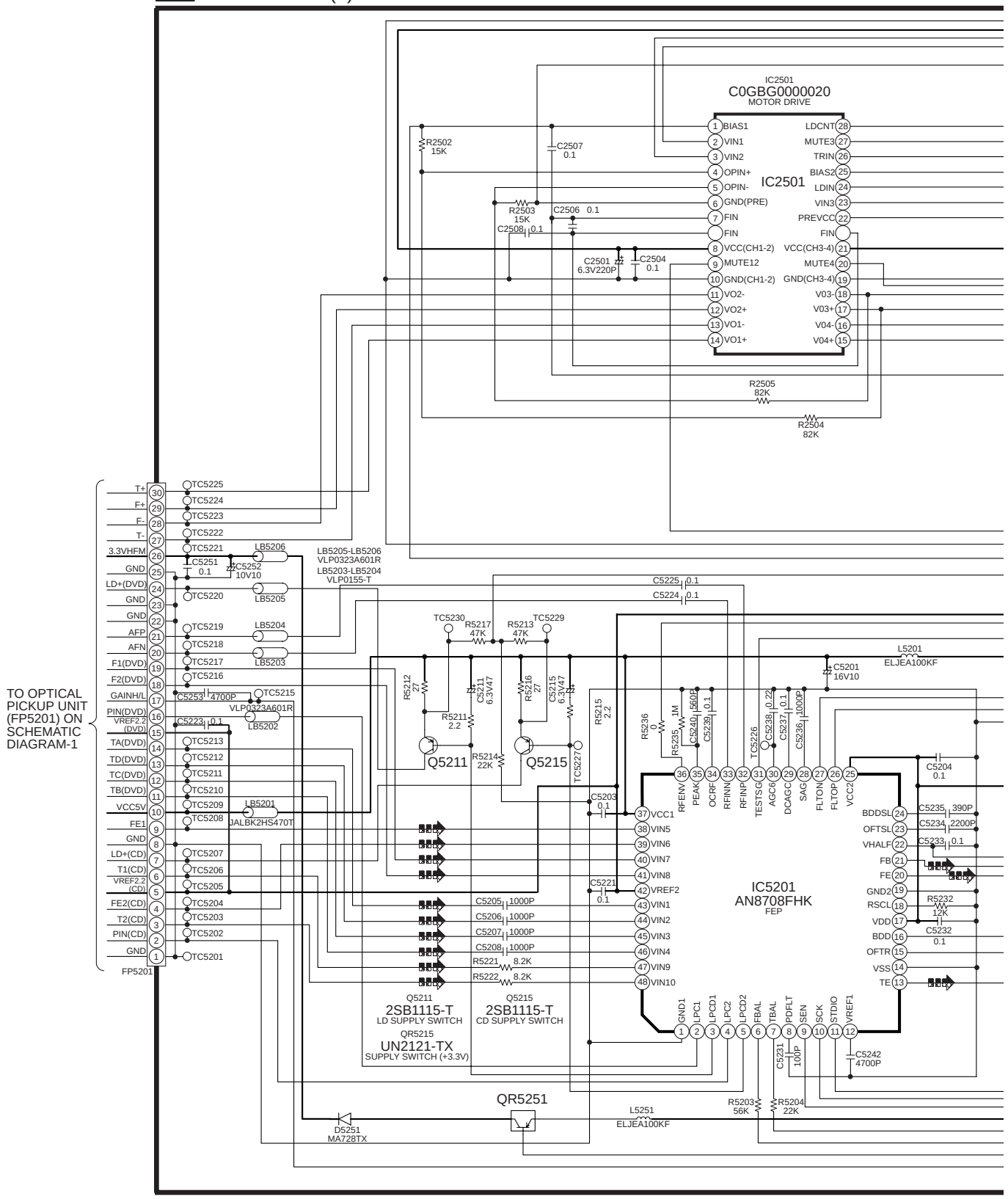
OPTICAL PICKUP UNIT



SCHEMATIC DIAGRAM - 2

: +B SIGNAL LINE : DVD (AUDIO/VIDEO) SIGNAL LINE

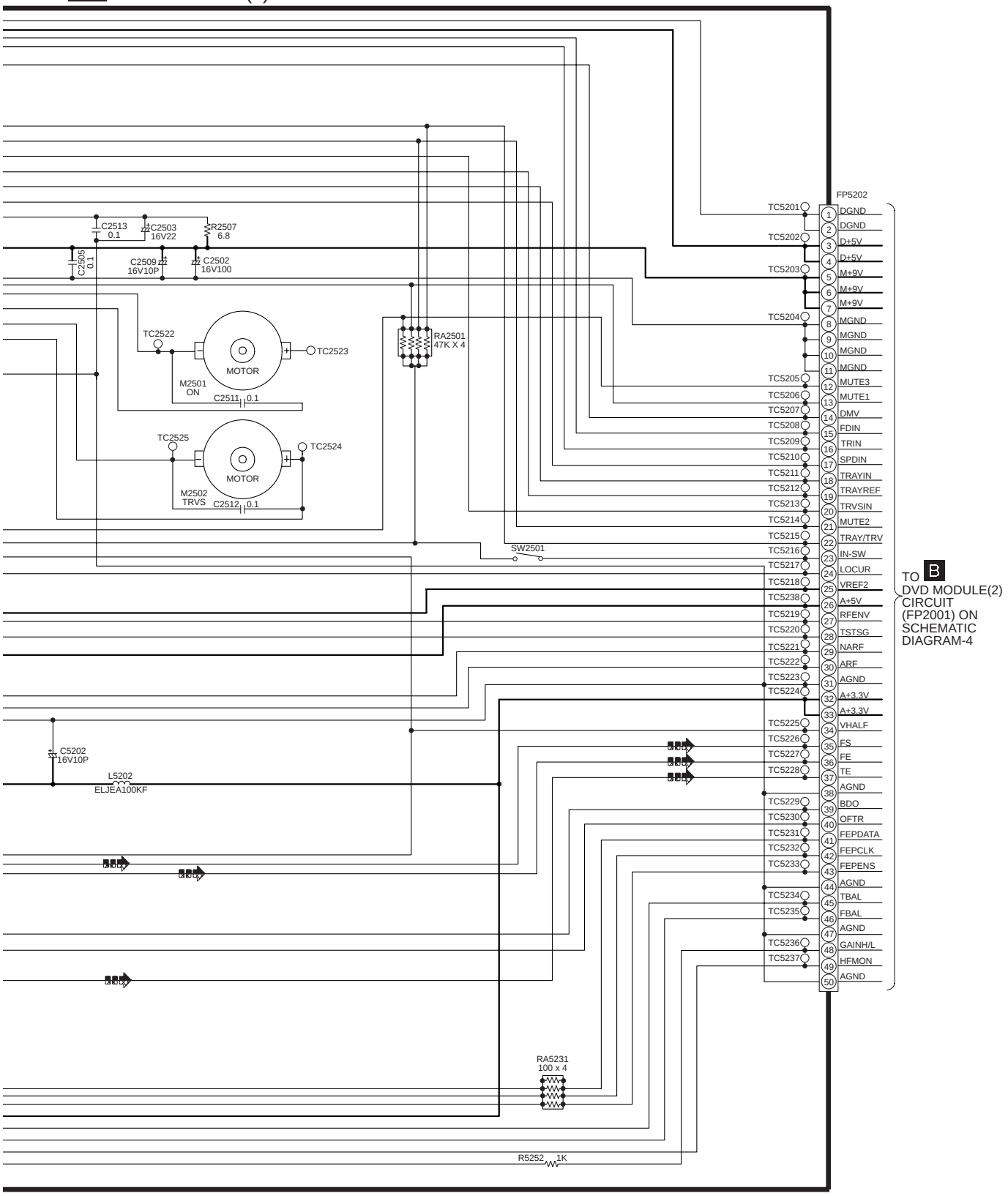
A DVD MODULE(1) CIRCUIT



SCHEMATIC DIAGRAM - 3

: +B SIGNAL LINE : DVD (AUDIO/VIDEO) SIGNAL LINE

A DVD MODULE(1) CIRCUIT

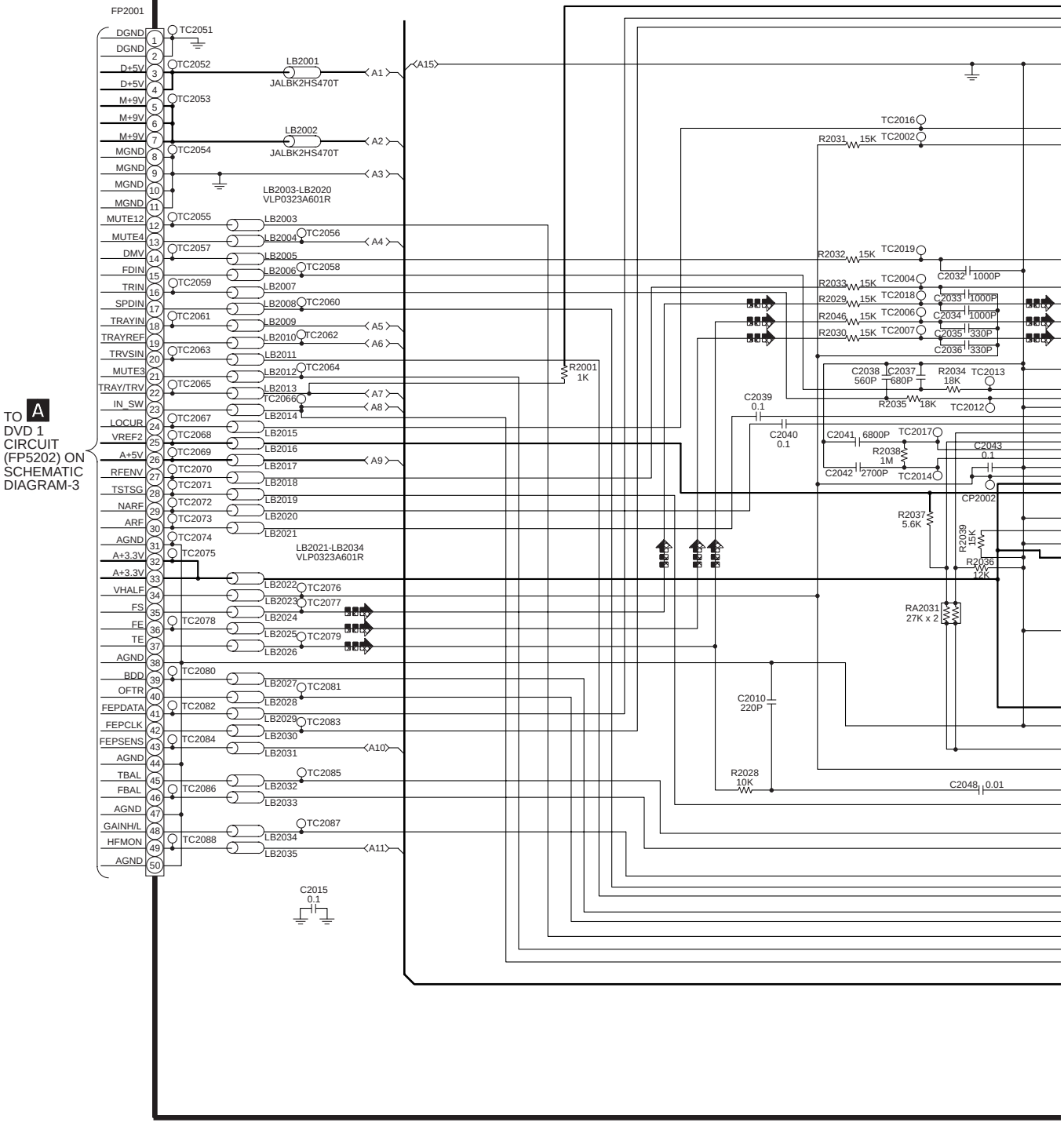


SCHEMATIC DIAGRAM - 4

B DVD MODULE(2) CIRCUIT

: +B SIGNAL LINE

: DVD (AUDIO/VIDEO) SIGNAL LINE

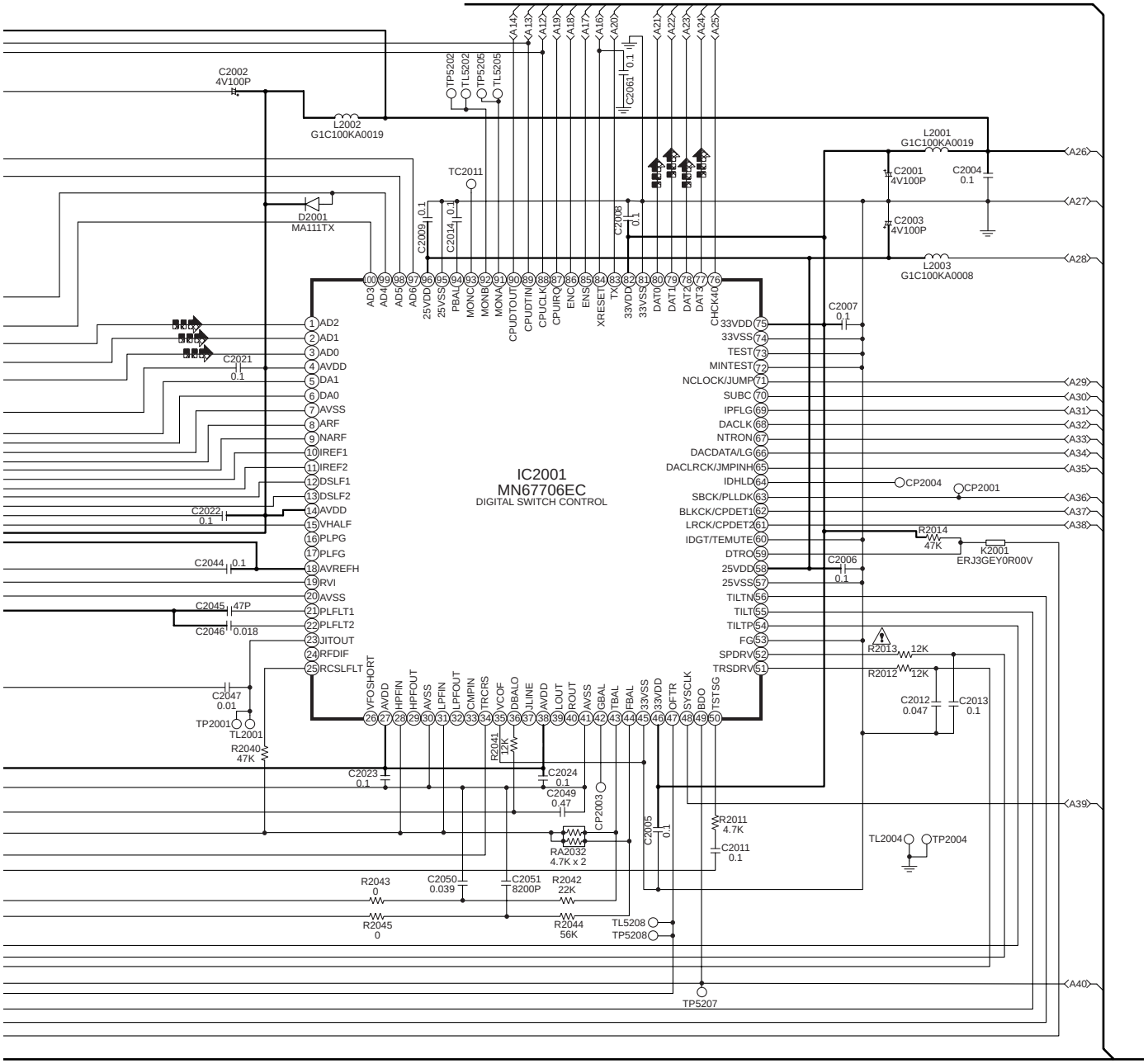


SCHEMATIC DIAGRAM - 5

B

DVD MODULE(2) CIRCUIT

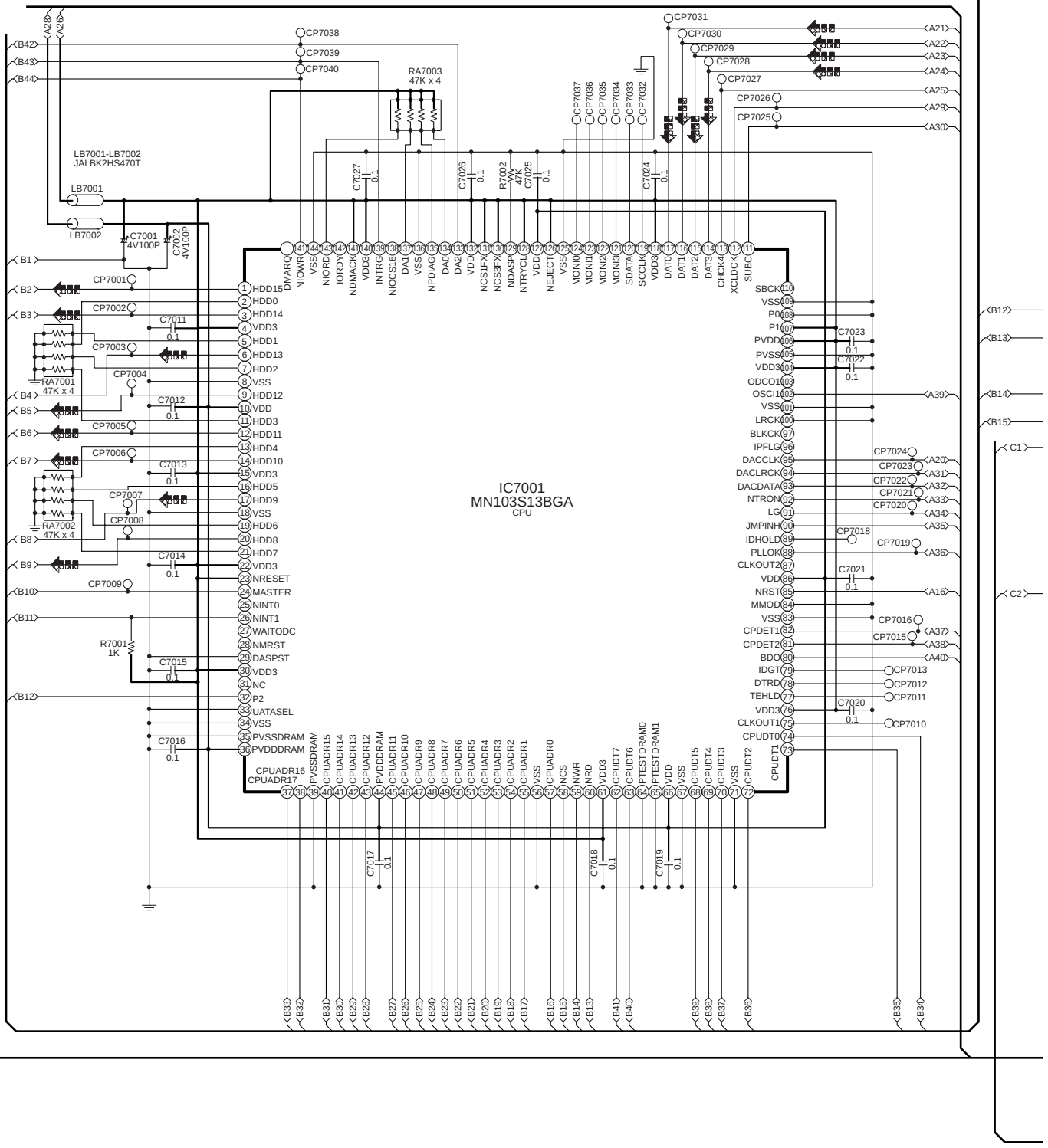
: +B SIGNAL LINE : DVD (AUDIO/VIDEO) SIGNAL LINE



SCHEMATIC DIAGRAM - 6

: +B SIGNAL LINE : DVD (AUDIO/VIDEO) SIGNAL LINE

B DVD MODULE(2) CIRCUIT

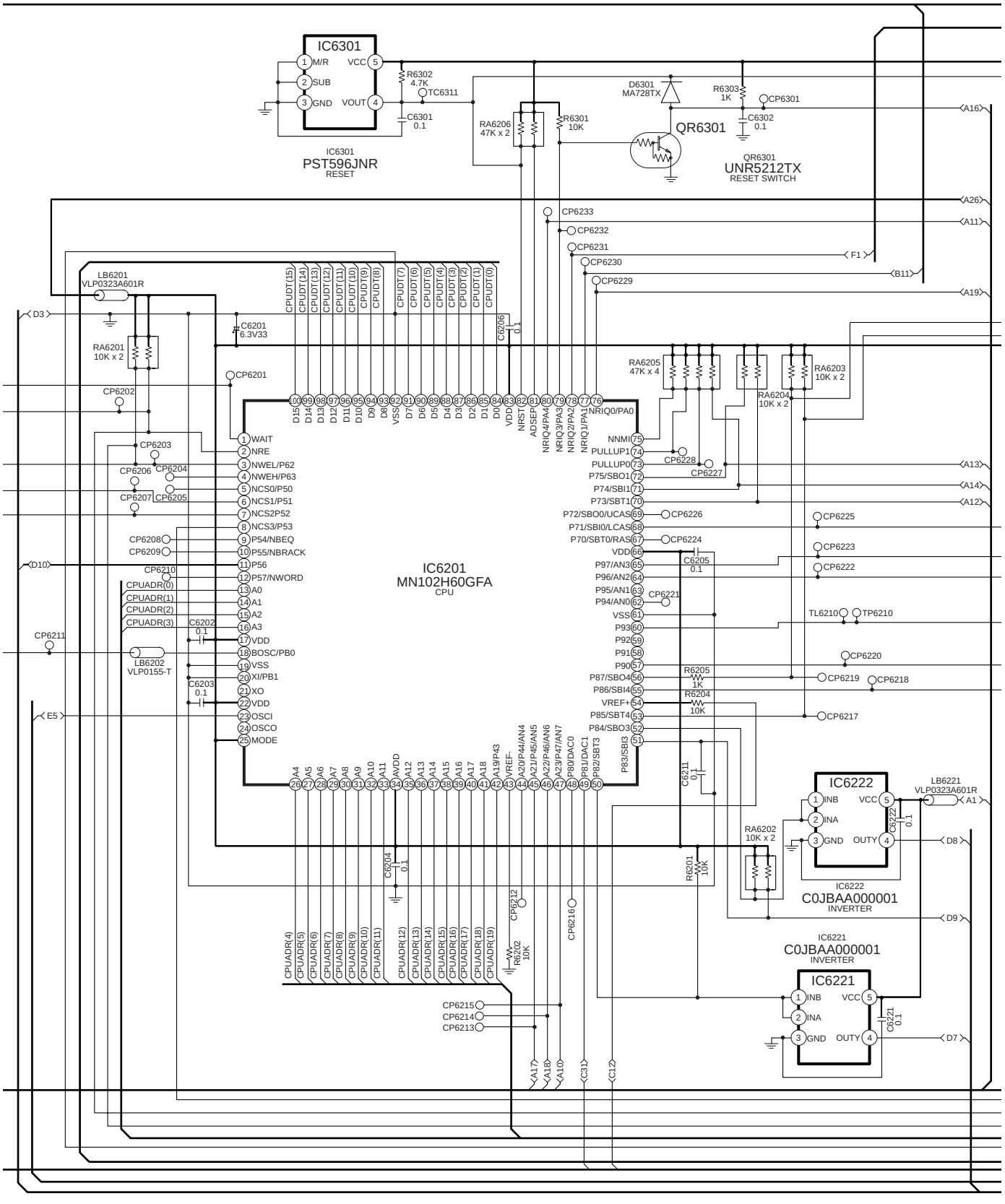


SCHEMATIC DIAGRAM - 7

B

DVD MODULE(2) CIRCUIT

——— : +B SIGNAL LINE

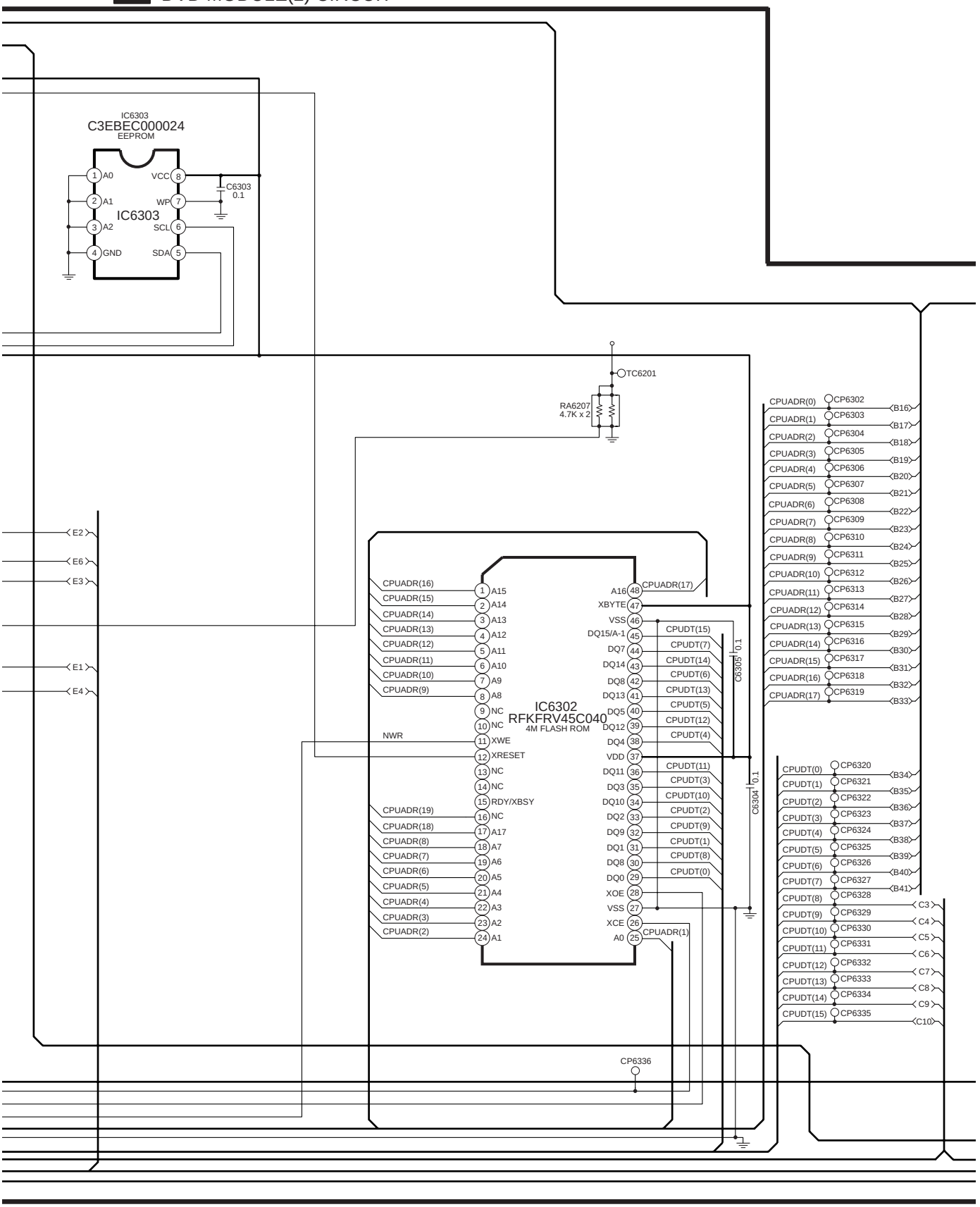


SCHEMATIC DIAGRAM - 8

B

: +B SIGNAL LINE

DVD MODULE(2) CIRCUIT

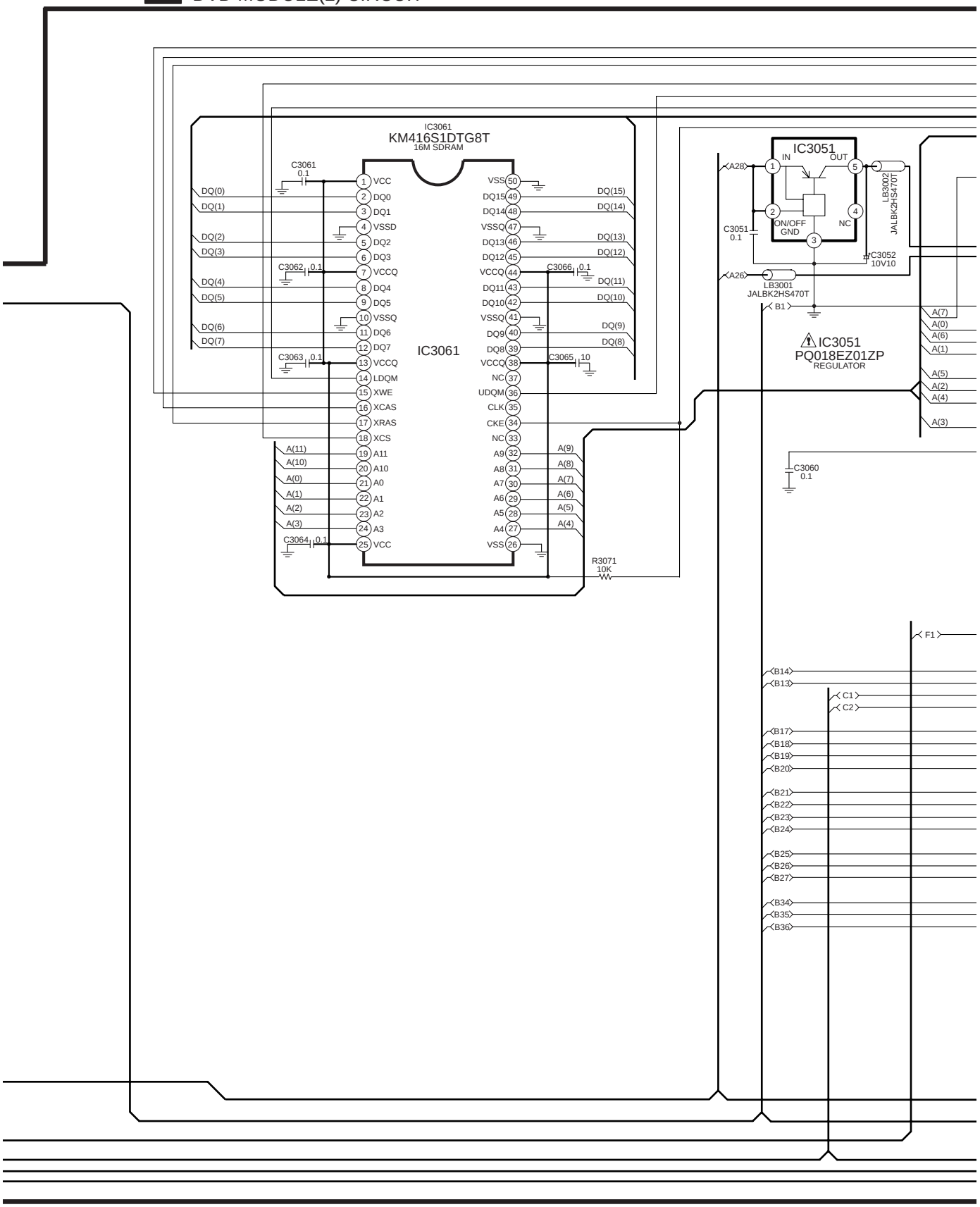


SCHEMATIC DIAGRAM - 9

B

: +B SIGNAL LINE

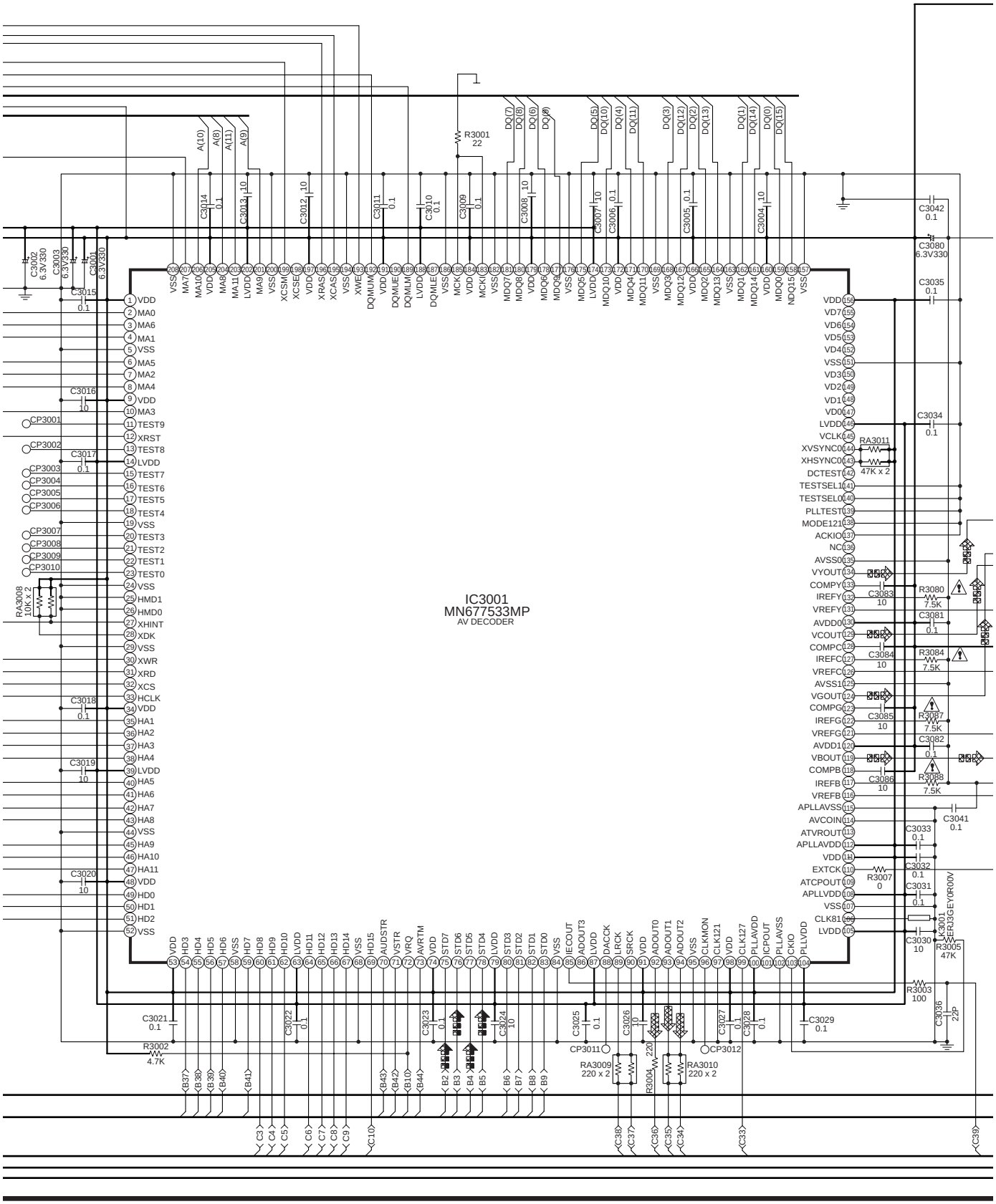
DVD MODULE(2) CIRCUIT



SCHEMATIC DIAGRAM - 10

B DVD MODULE(2) CIRCUIT

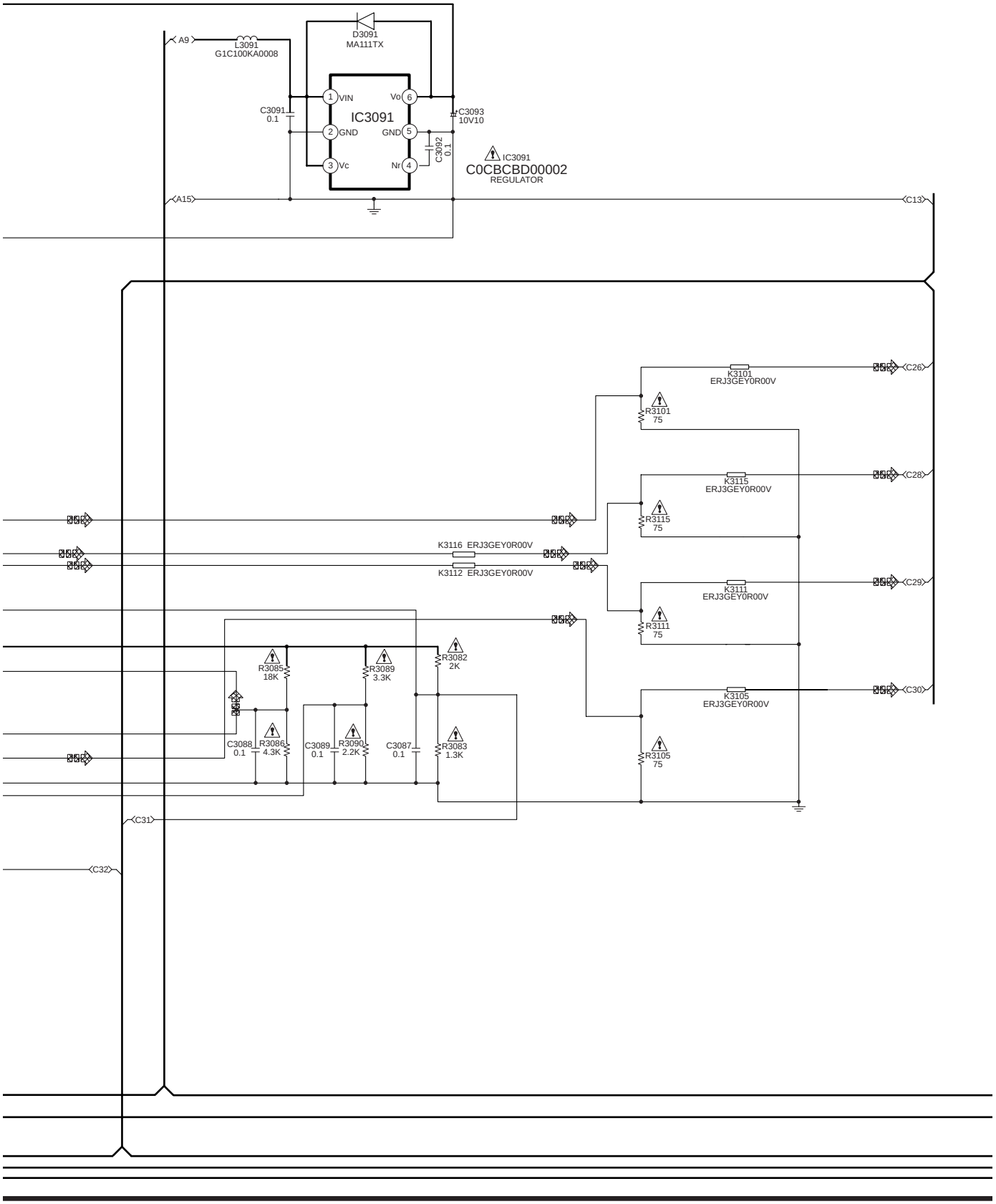
: +B SIGNAL LINE
: DVD (AUDIO/VIDEO) SIGNAL LINE
: CD/DVD (AUDIO) SIGNAL LINE
: DVD (VIDEO) SIGNAL LINE



SCHEMATIC DIAGRAM - 11

B DVD MODULE(2) CIRCUIT

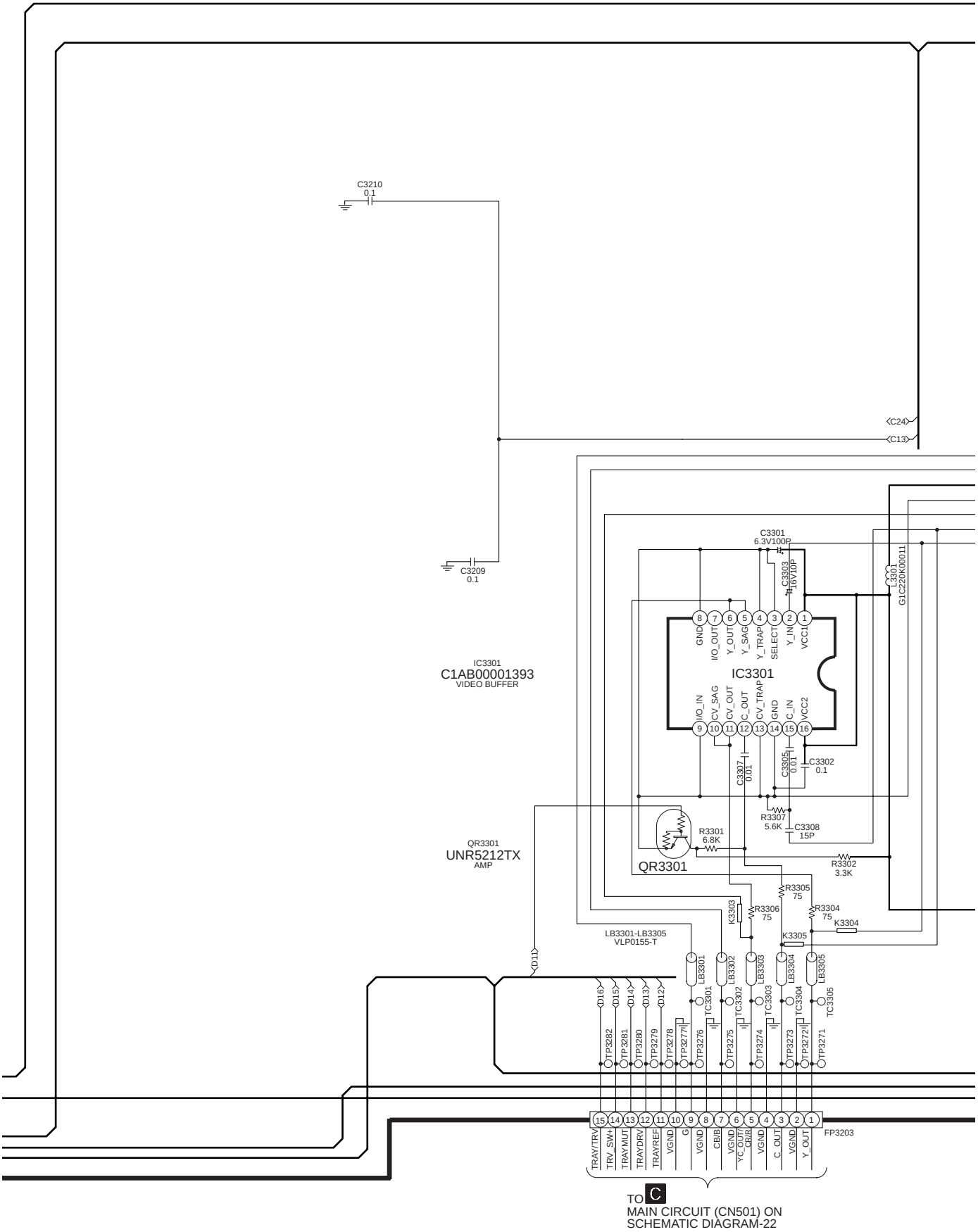
: +B SIGNAL LINE : DVD (VIDEO) SIGNAL LINE



SCHEMATIC DIAGRAM - 12

: +B SIGNAL LINE

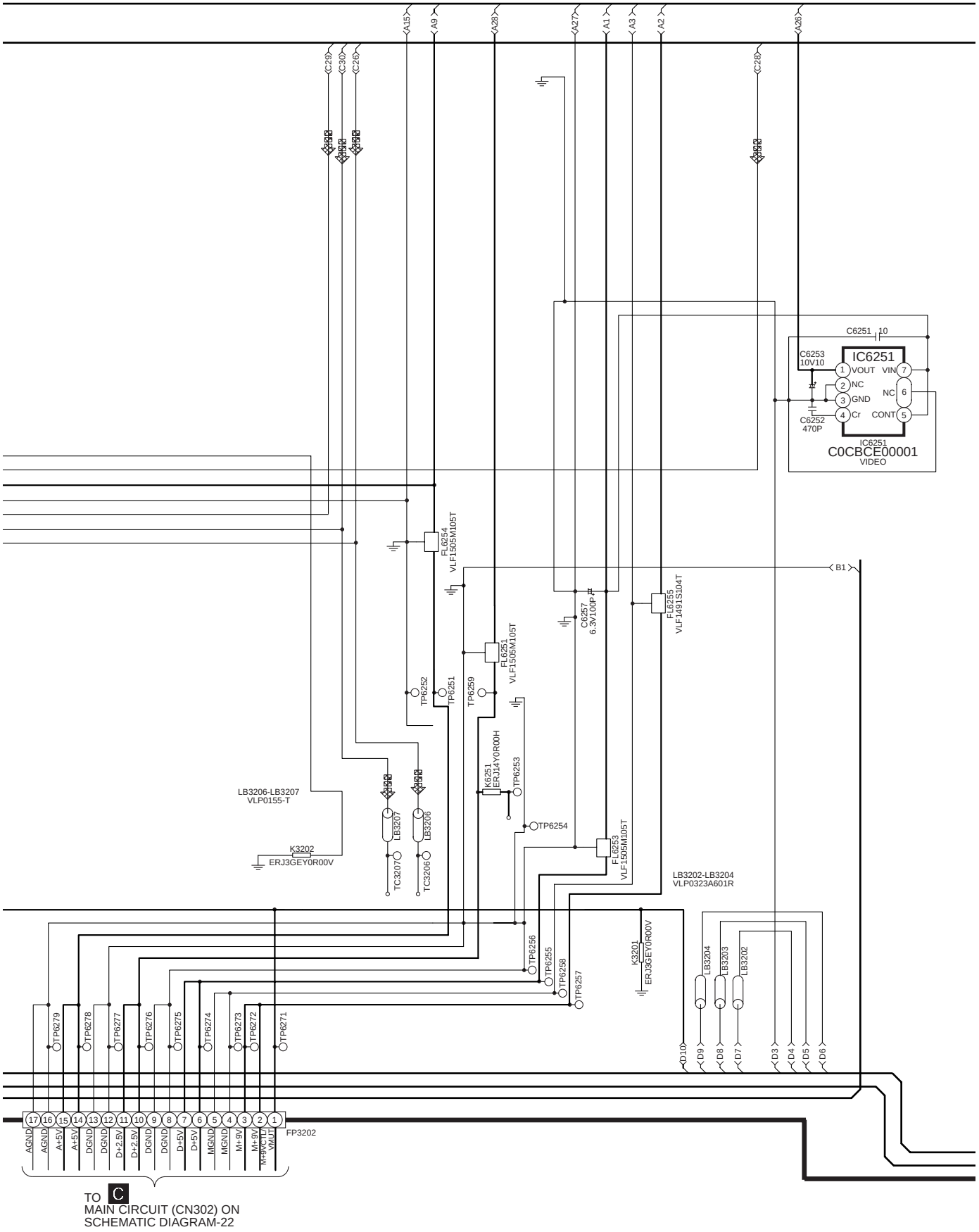
B DVD MODULE(2) CIRCUIT



SCHEMATIC DIAGRAM - 13

: +B SIGNAL LINE : DVD (VIDEO) SIGNAL LINE

B DVD MODULE(2) CIRCUIT



TO C
MAIN CIRCUIT (CN302) ON
SCHEMATIC DIAGRAM-22

SCHEMATIC DIAGRAM - 14

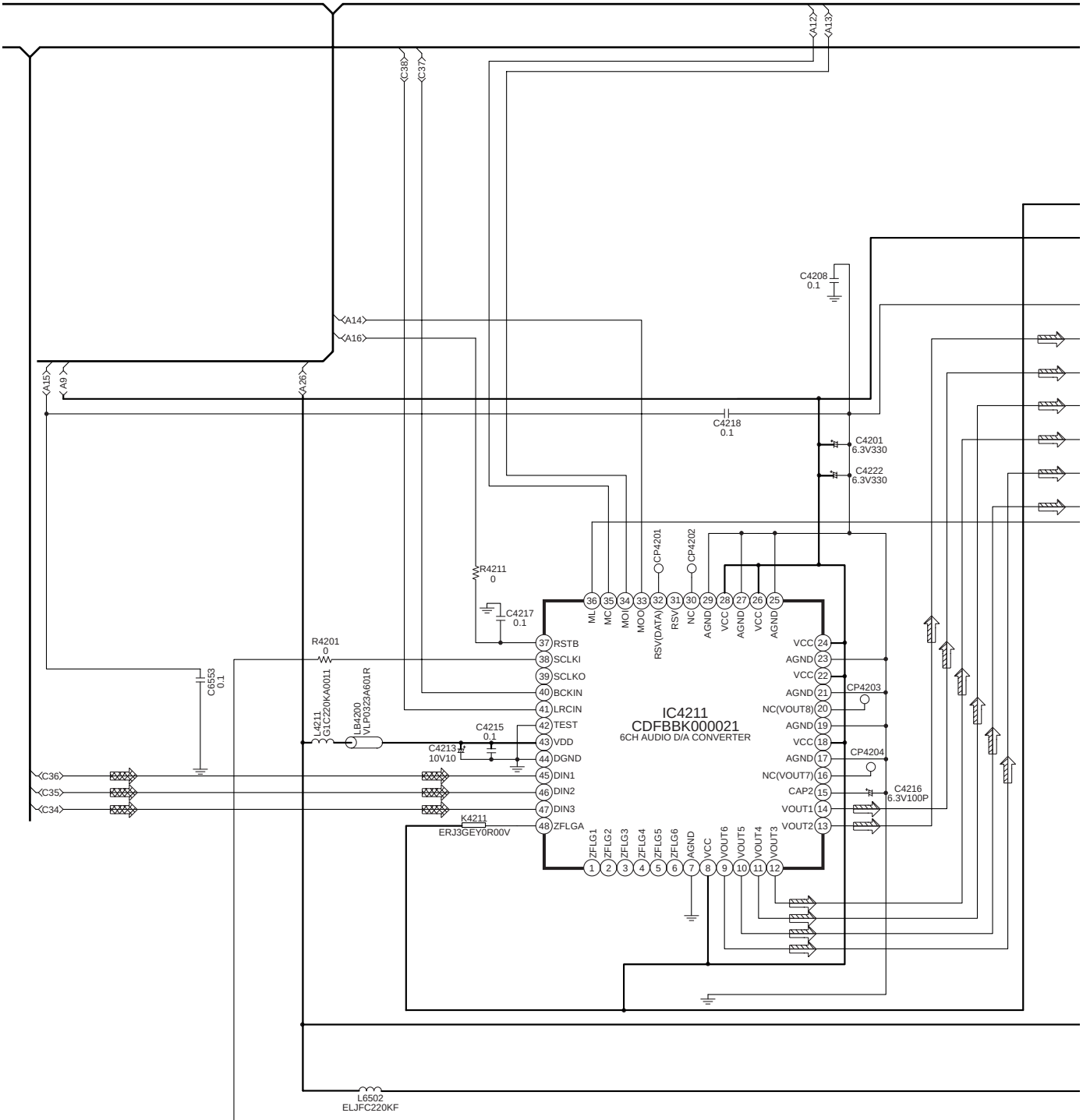
B

DVD MODULE(2) CIRCUIT

: +B SIGNAL LINE

: CD/DVD (AUDIO) SIGNAL LINE

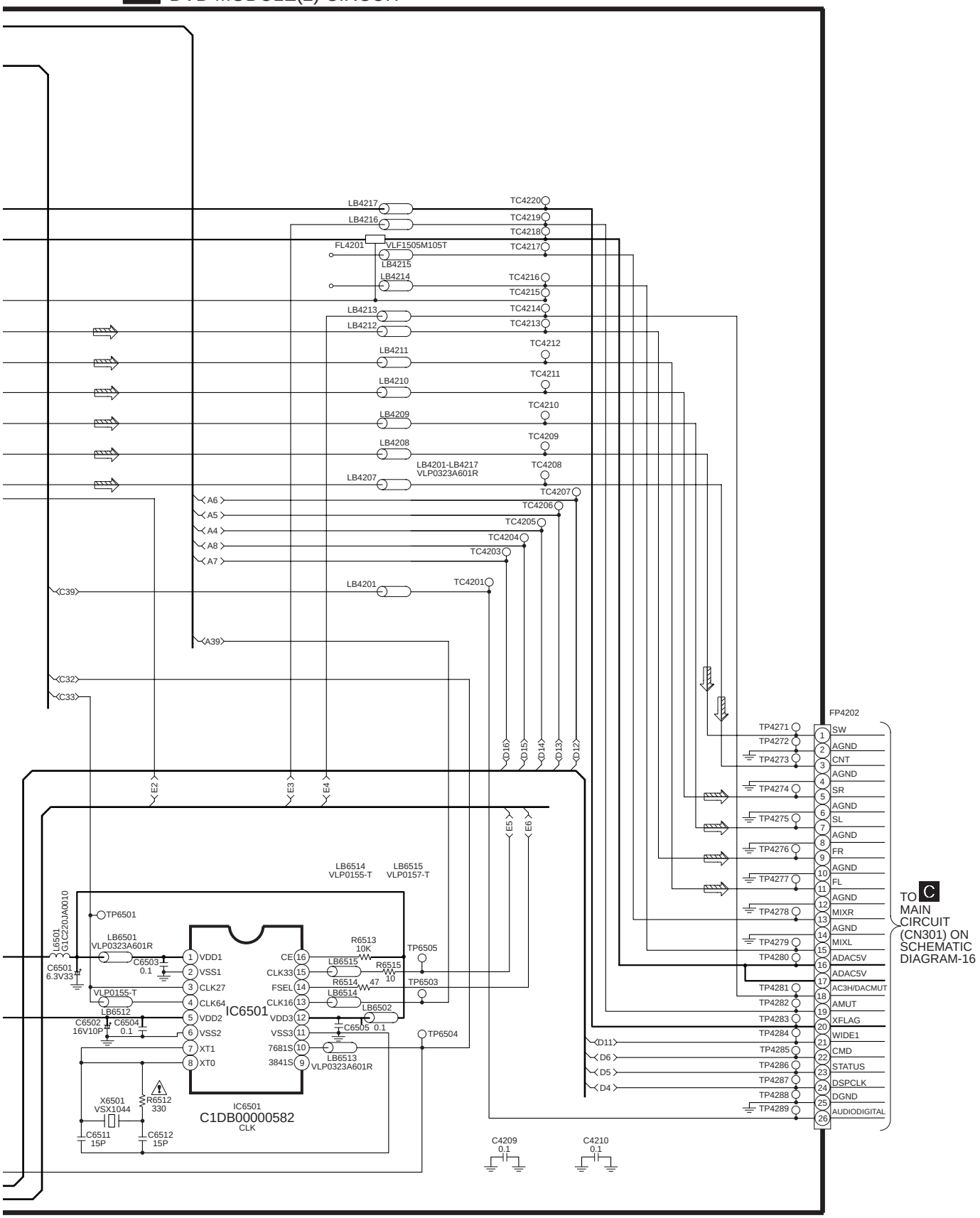
: MAIN SIGNAL LINE



SCHEMATIC DIAGRAM - 15

: +B SIGNAL LINE : MAIN SIGNAL LINE

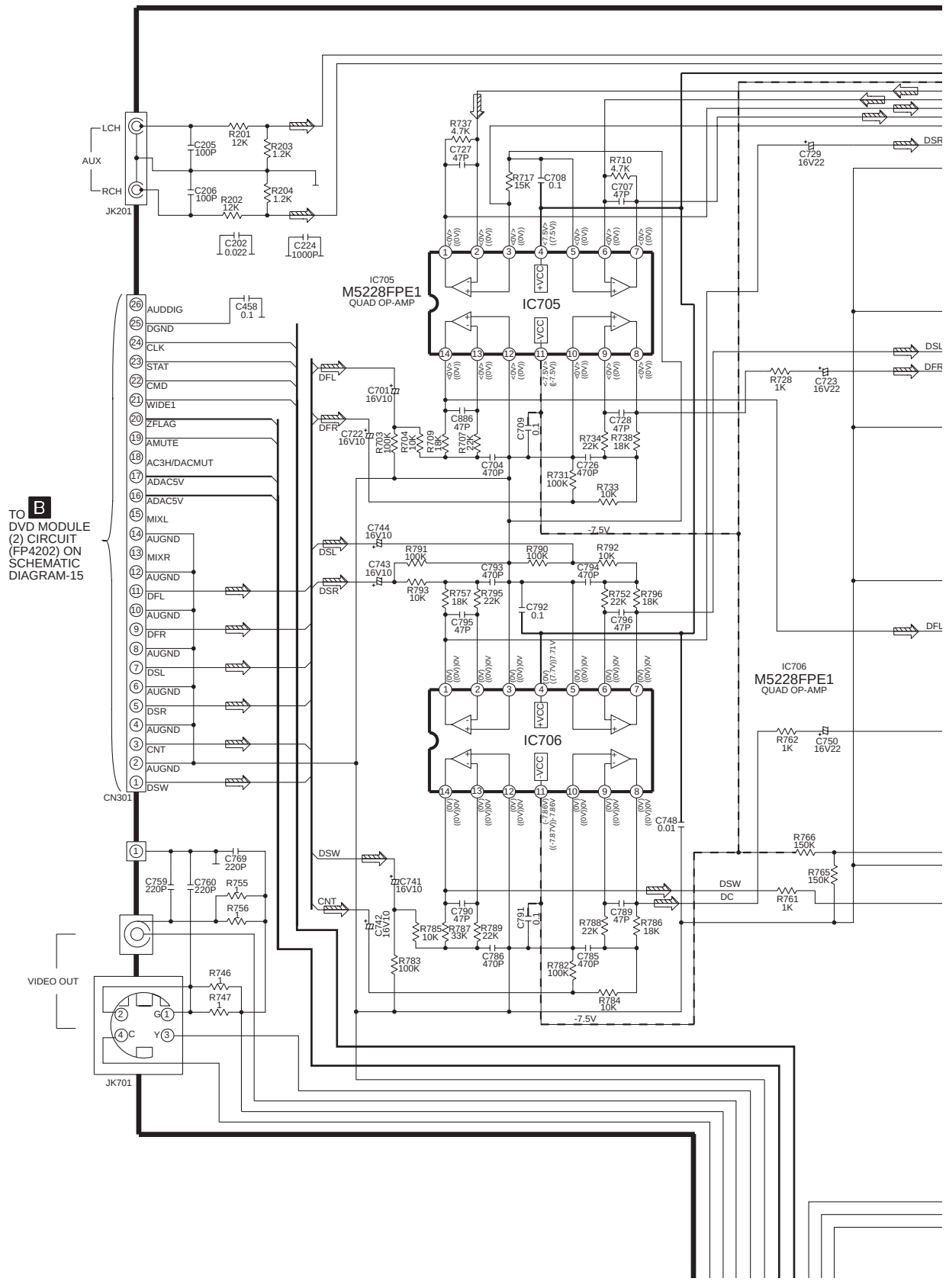
B DVD MODULE(2) CIRCUIT



SCHEMATIC DIAGRAM - 16

—— : +B SIGNAL LINE – – : -B SIGNAL LINE ⇨ : MAIN SIGNAL LINE

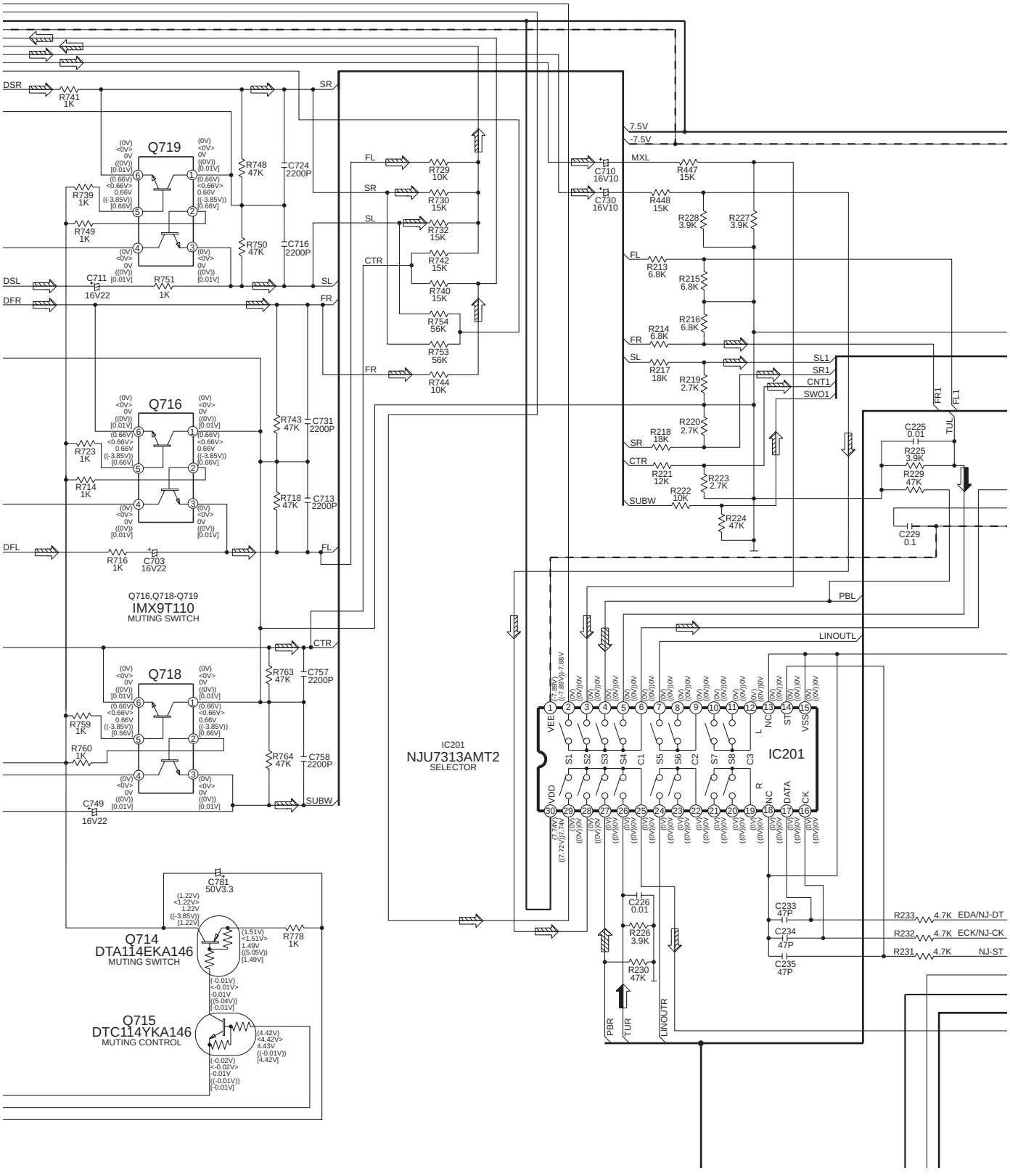
C MAIN CIRCUIT



SCHEMATIC DIAGRAM - 17

: +B SIGNAL LINE : -B SIGNAL LINE : MAIN SIGNAL LINE : FM/AM SIGNAL LINE
: PLAYBACK SIGNAL LINE

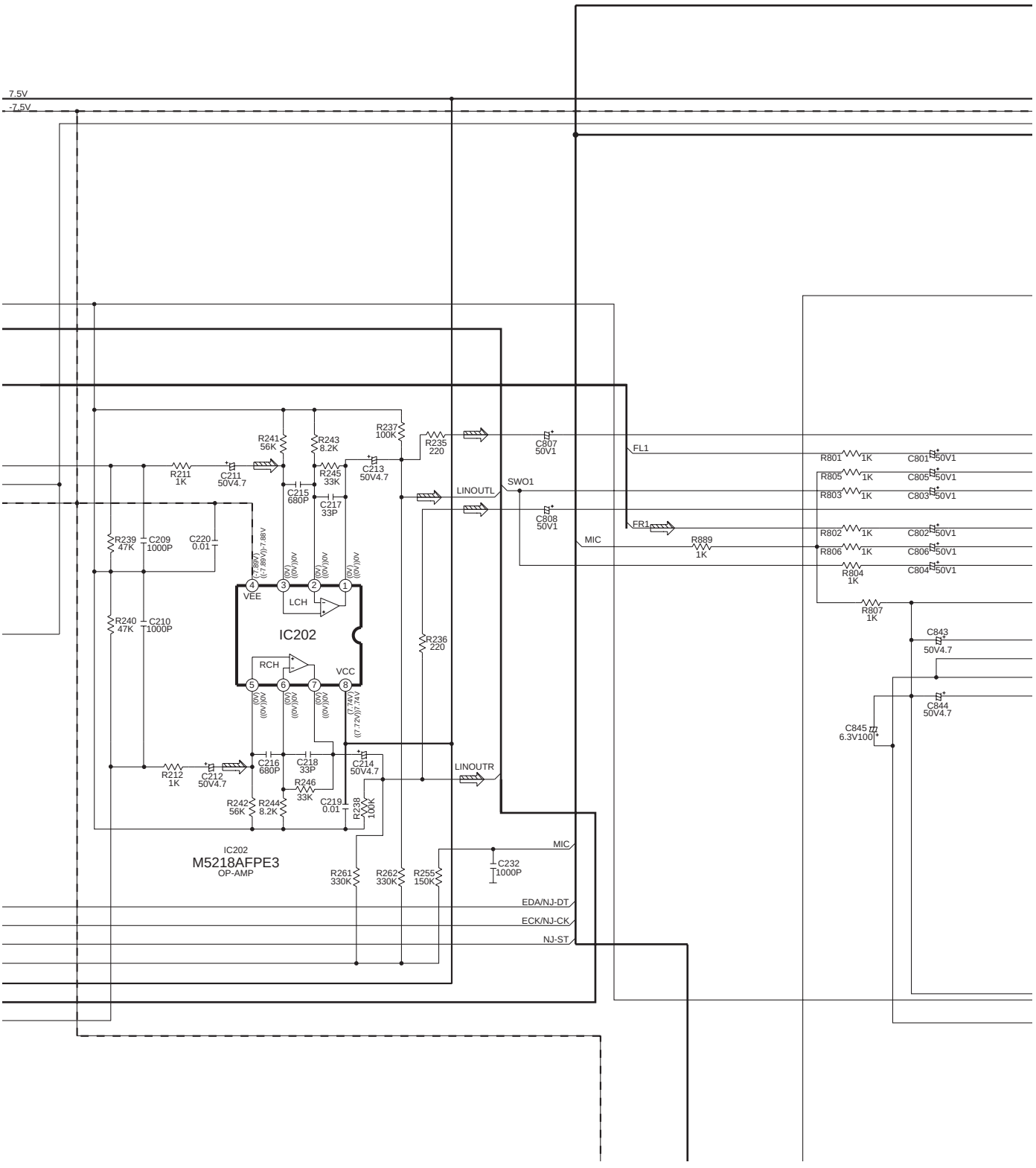
C MAIN CIRCUIT



SCHEMATIC DIAGRAM - 18

—— : +B SIGNAL LINE – – : -B SIGNAL LINE ⇒ : MAIN SIGNAL LINE

C MAIN CIRCUIT

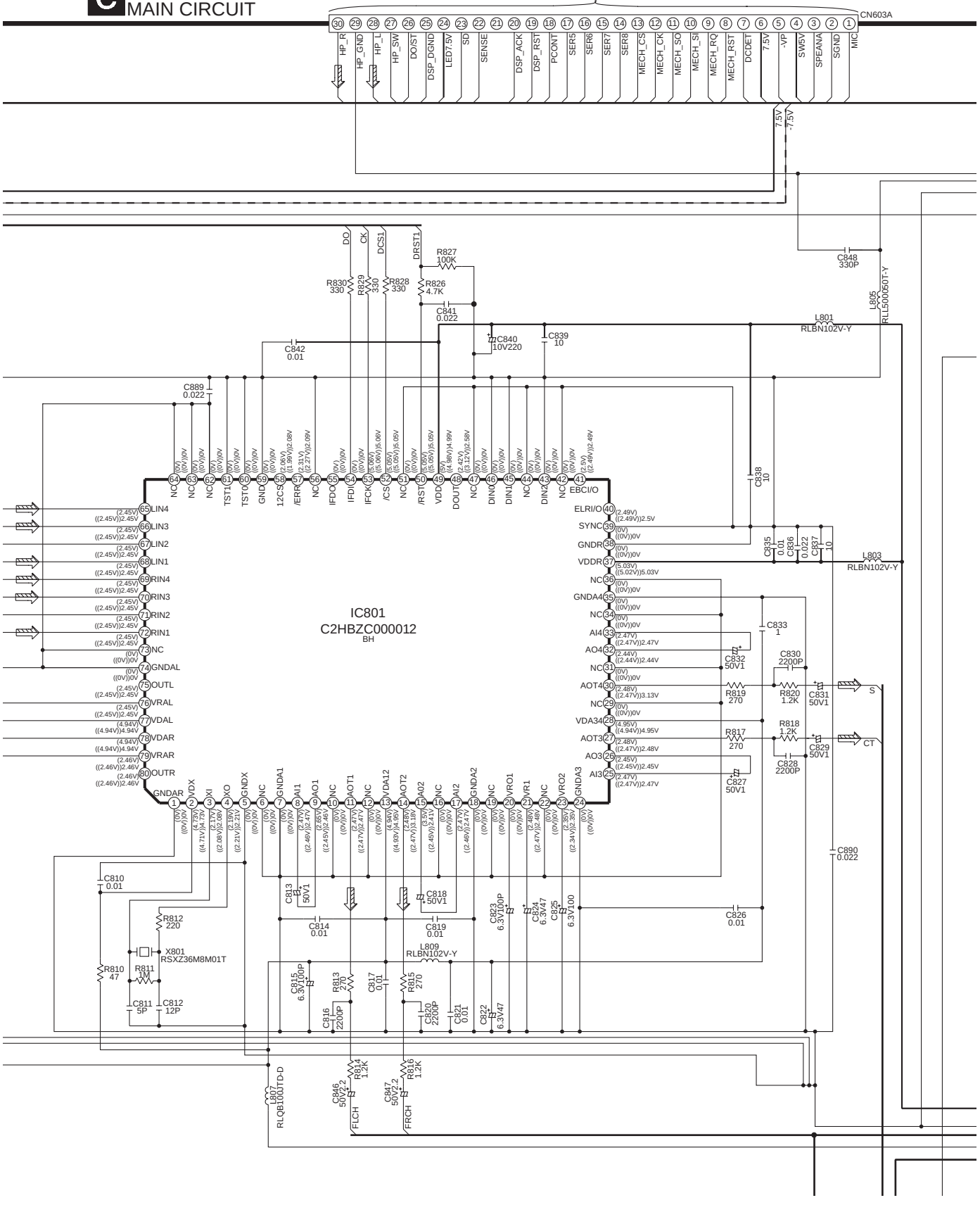


SCHEMATIC DIAGRAM - 19

: +B SIGNAL LINE : MIC SIGNAL LINE
: -B SIGNAL LINE : MAIN SIGNAL LINE

TO D
PANEL CIRCUIT (CN601)
ON SCHEMATIC DIAGRAM-28

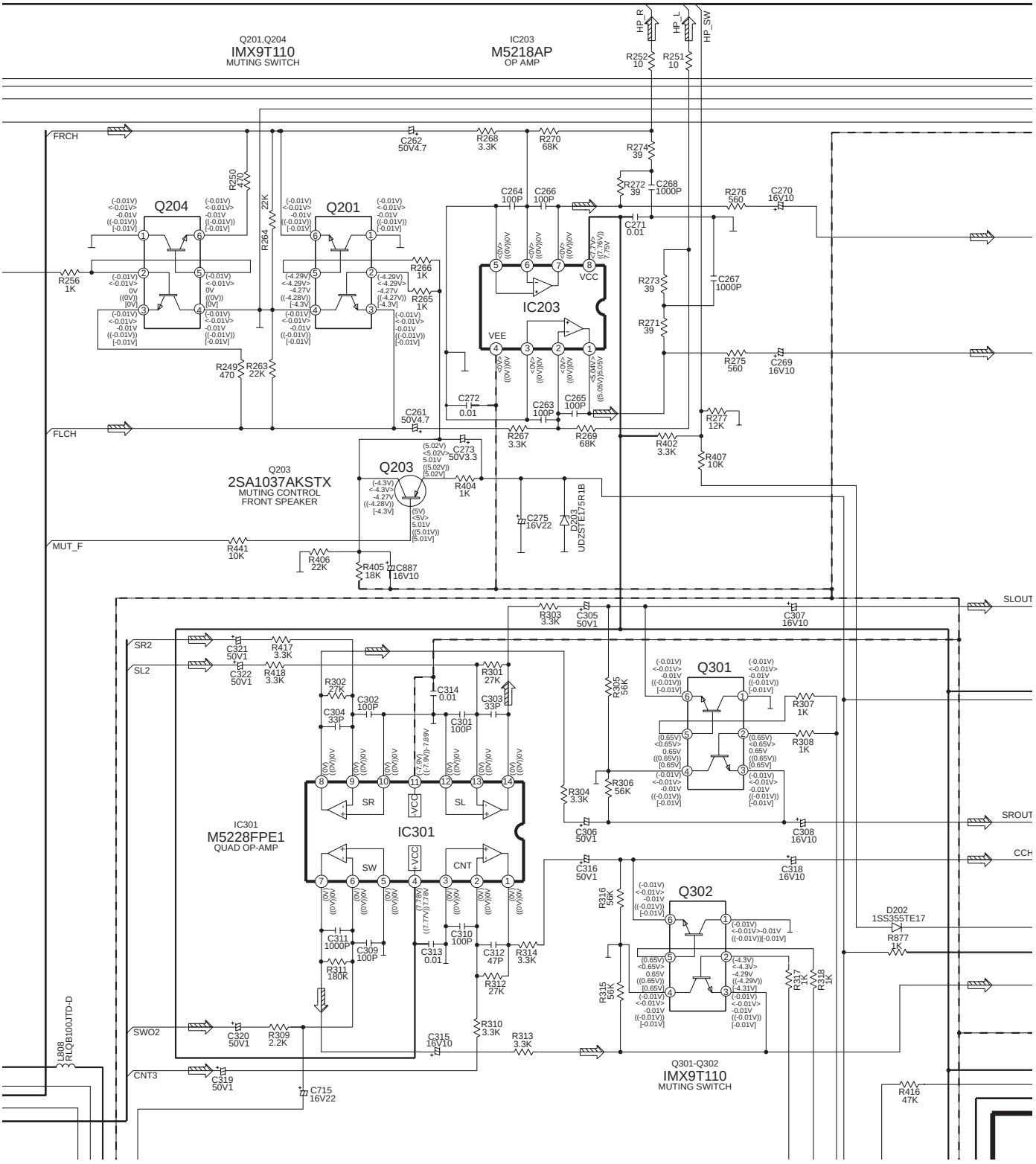
C MAIN CIRCUIT



SCHEMATIC DIAGRAM - 20

—— : +B SIGNAL LINE – – : -B SIGNAL LINE ⇒ : MAIN SIGNAL LINE

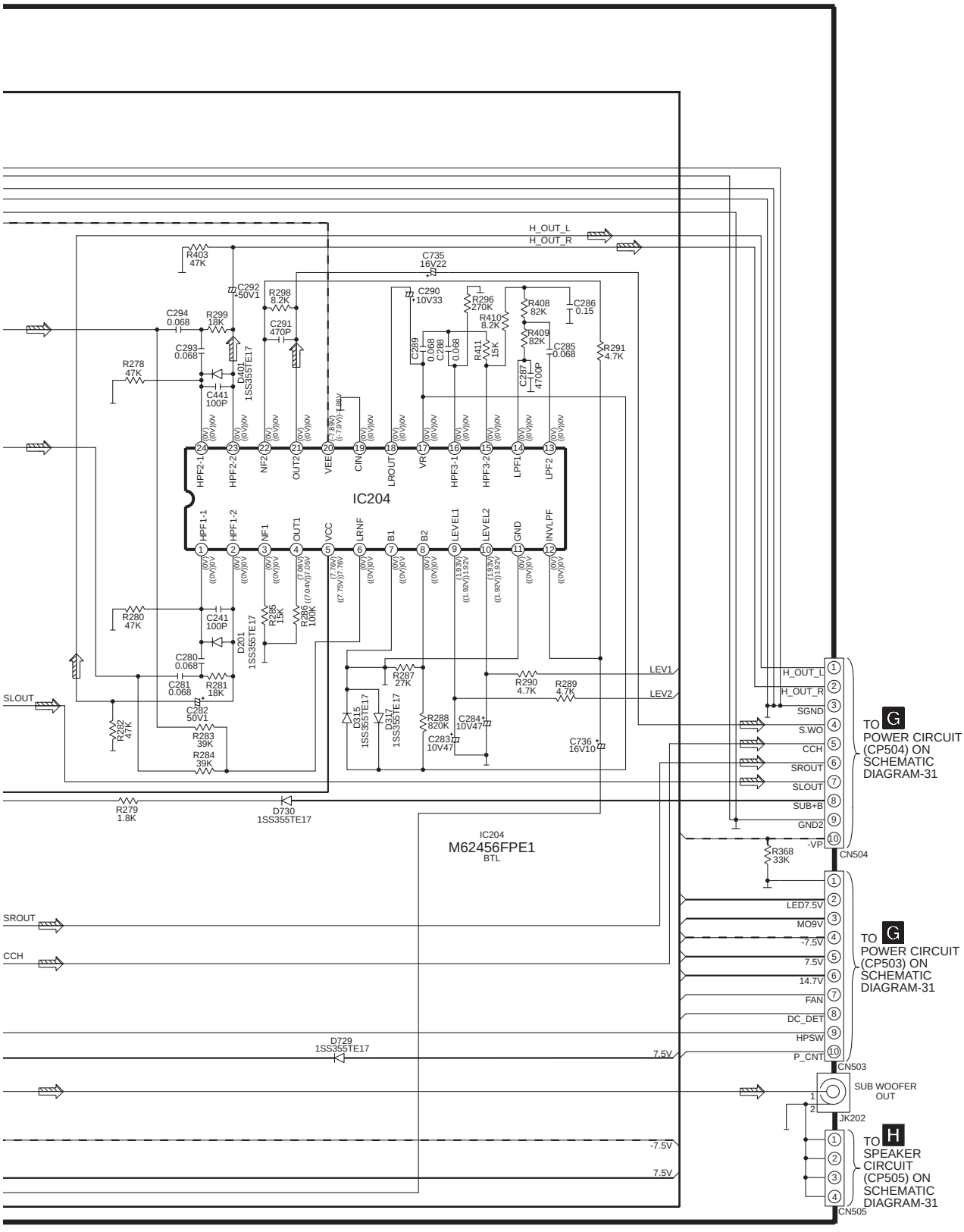
C MAIN CIRCUIT



SCHEMATIC DIAGRAM - 21

—— : +B SIGNAL LINE – – : -B SIGNAL LINE ⇨ : MAIN SIGNAL LINE

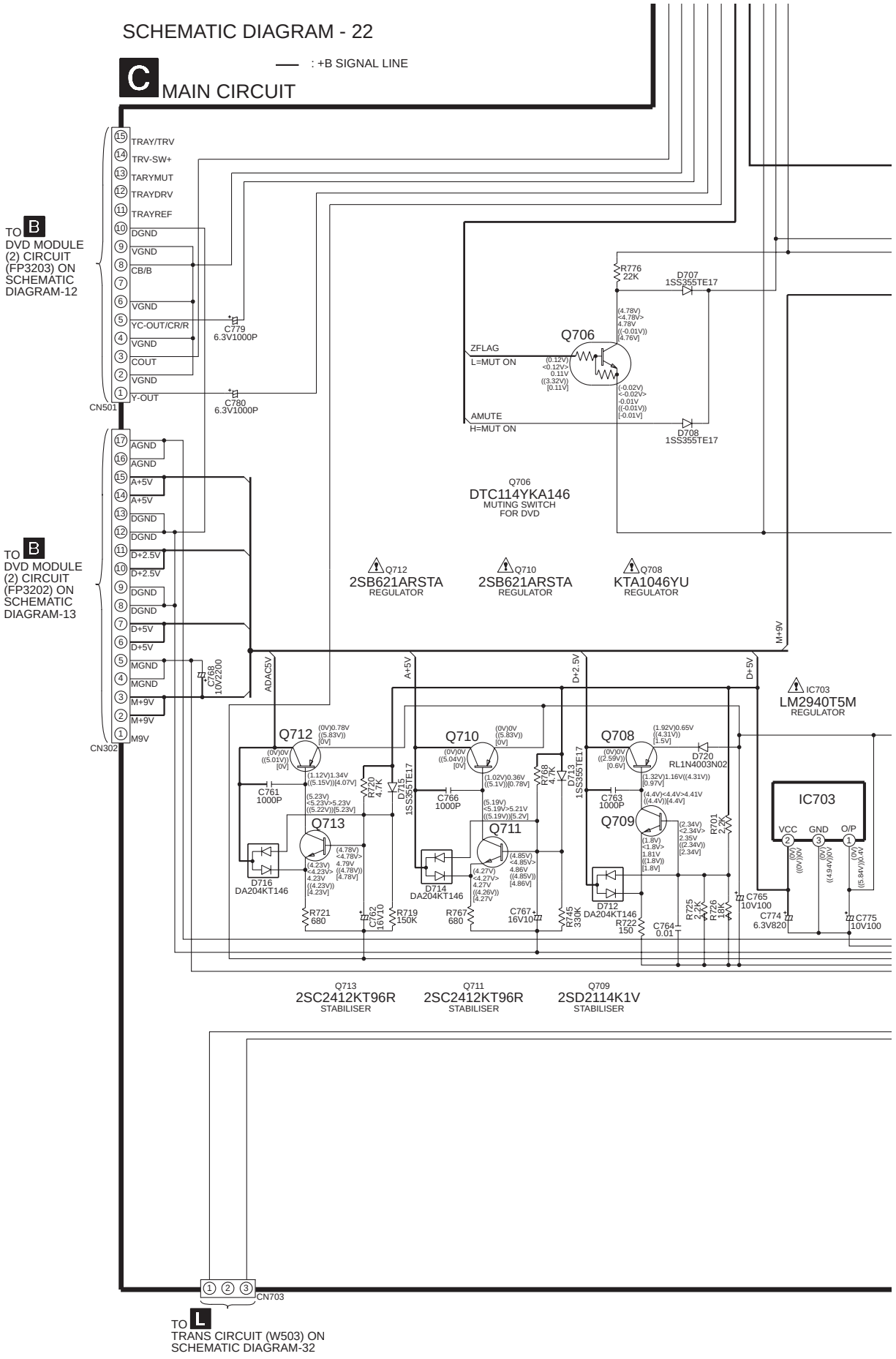
C MAIN CIRCUIT



SCHEMATIC DIAGRAM - 22

: +B SIGNAL LINE

C MAIN CIRCUIT

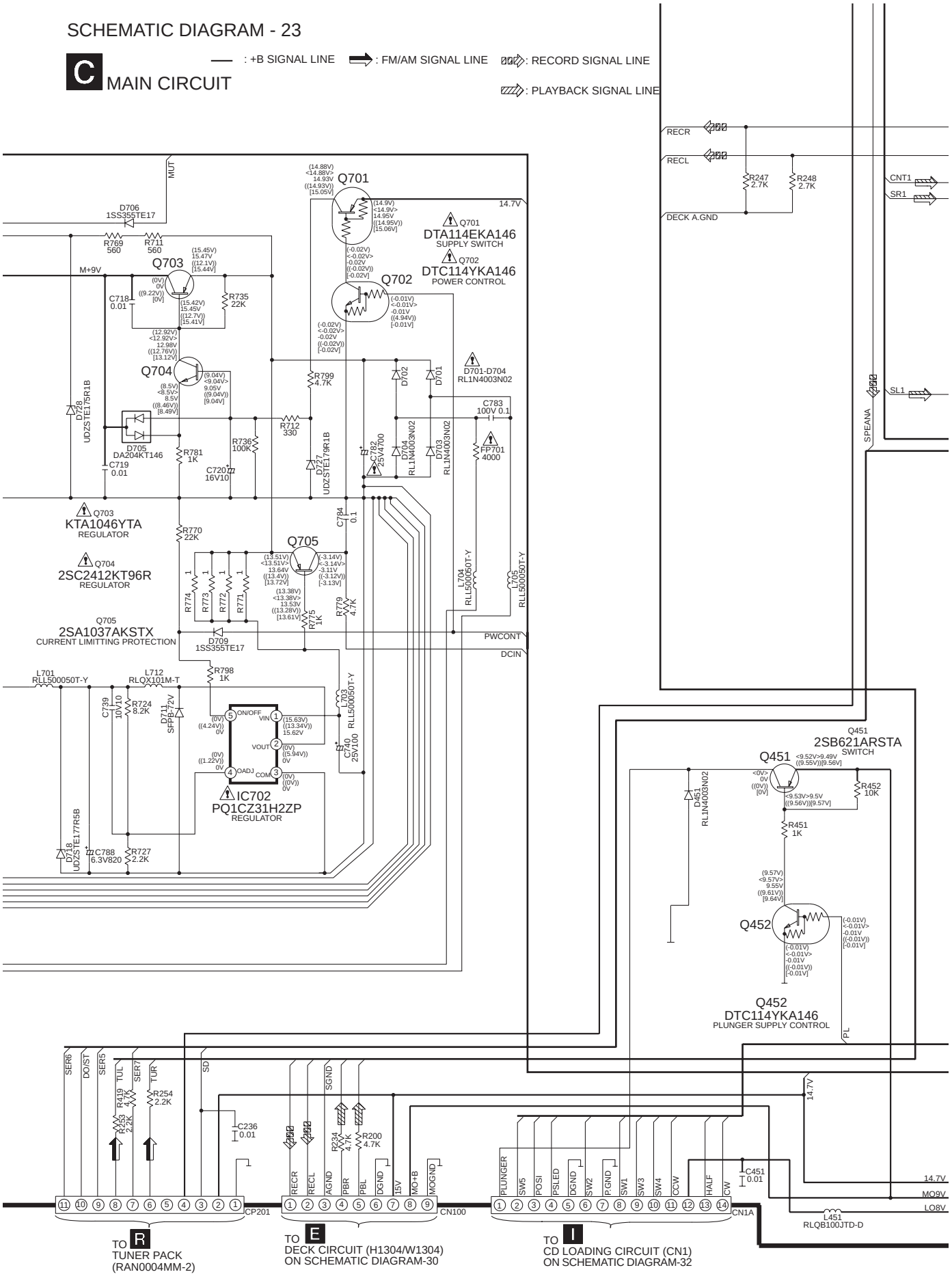


SCHEMATIC DIAGRAM - 23

C MAIN CIRCUIT

: +B SIGNAL LINE : FM/AM SIGNAL LINE : RECORD SIGNAL LINE

: PLAYBACK SIGNAL LINE

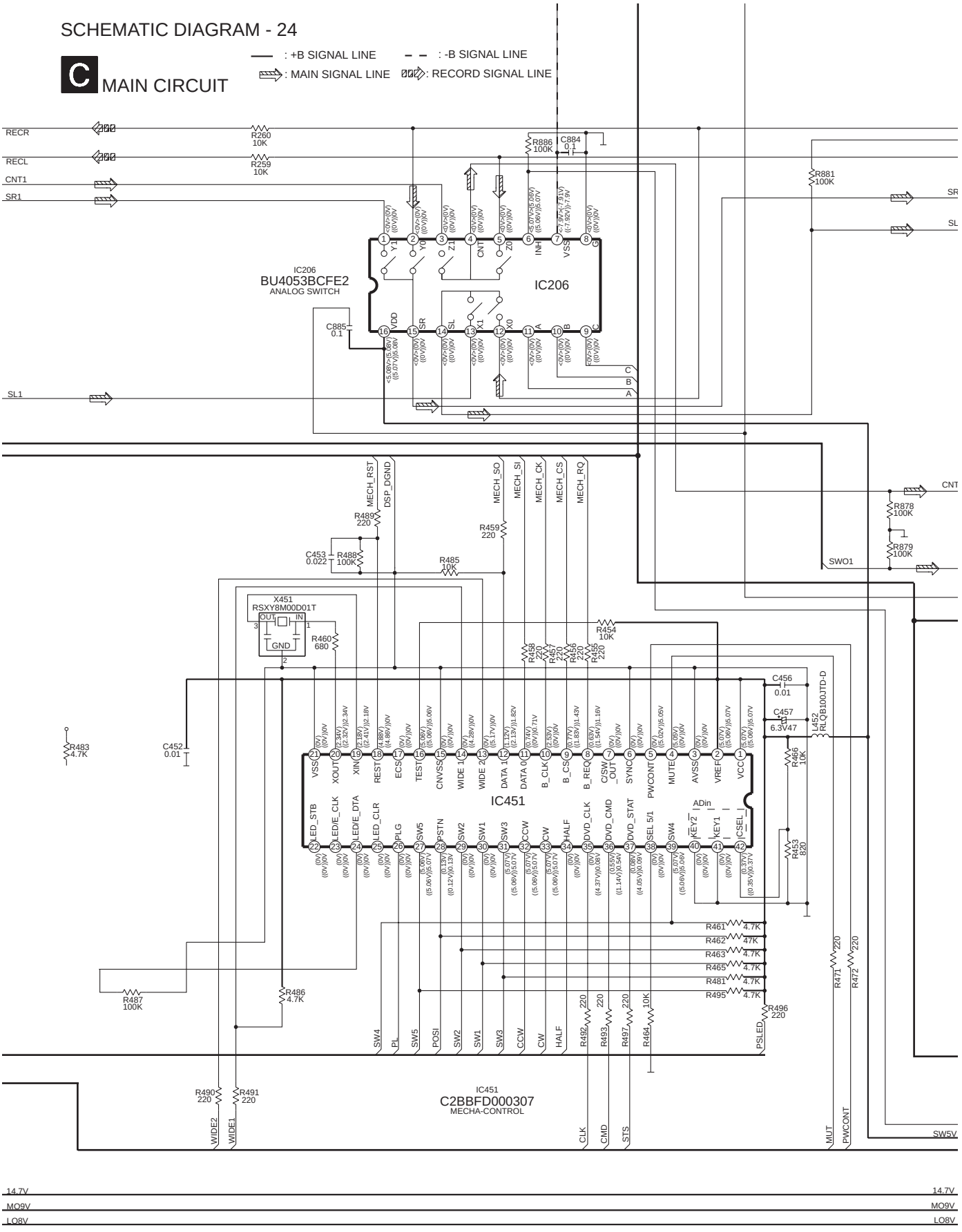


SCHEMATIC DIAGRAM - 24

C MAIN CIRCUIT

—— : +B SIGNAL LINE – – : -B SIGNAL LINE

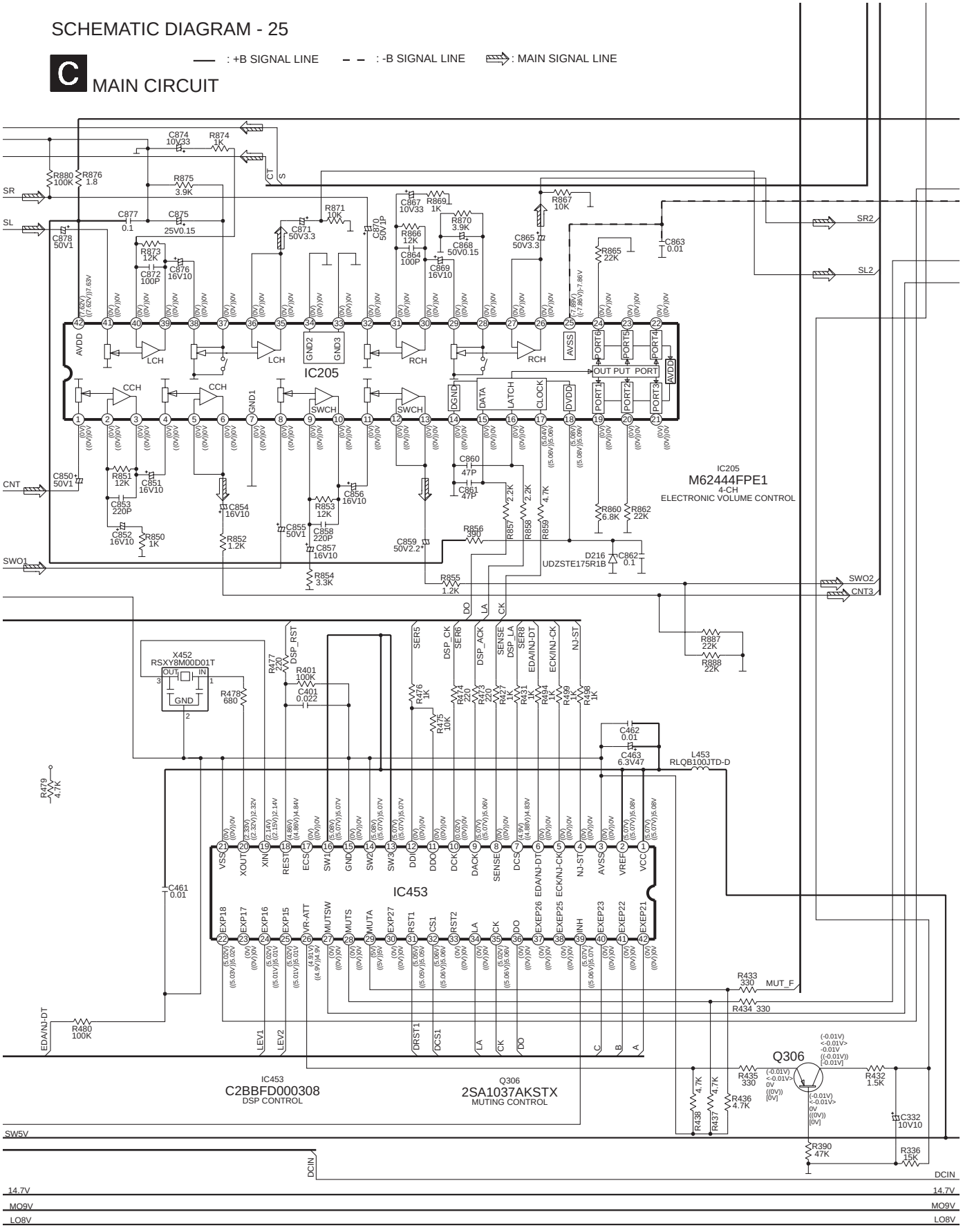
⇒ : MAIN SIGNAL LINE ⇒ : RECORD SIGNAL LINE



SCHEMATIC DIAGRAM - 25

: +B SIGNAL LINE : -B SIGNAL LINE : MAIN SIGNAL LINE

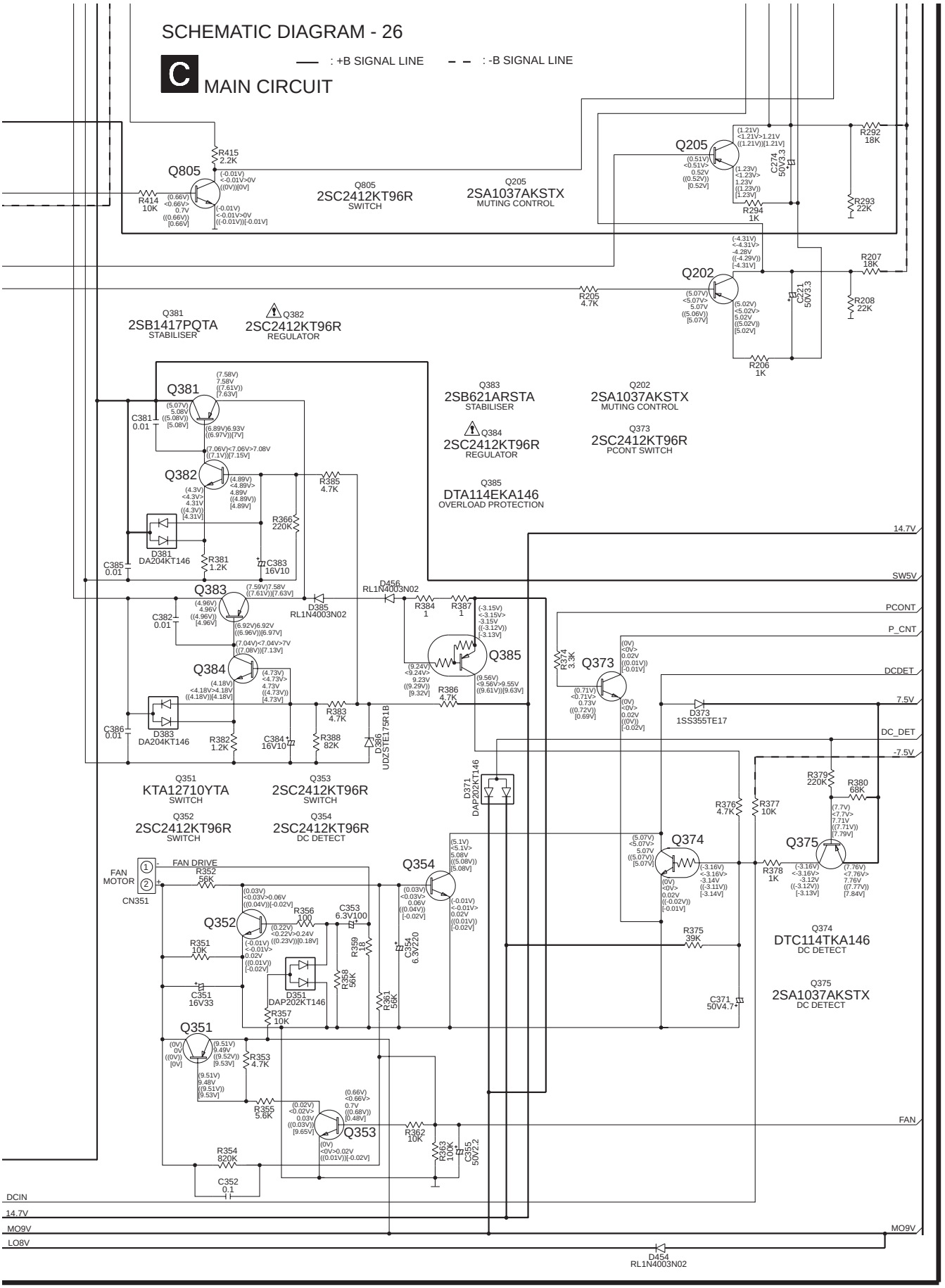
C MAIN CIRCUIT



SCHEMATIC DIAGRAM - 26

C MAIN CIRCUIT

—— : +B SIGNAL LINE – – : -B SIGNAL LINE



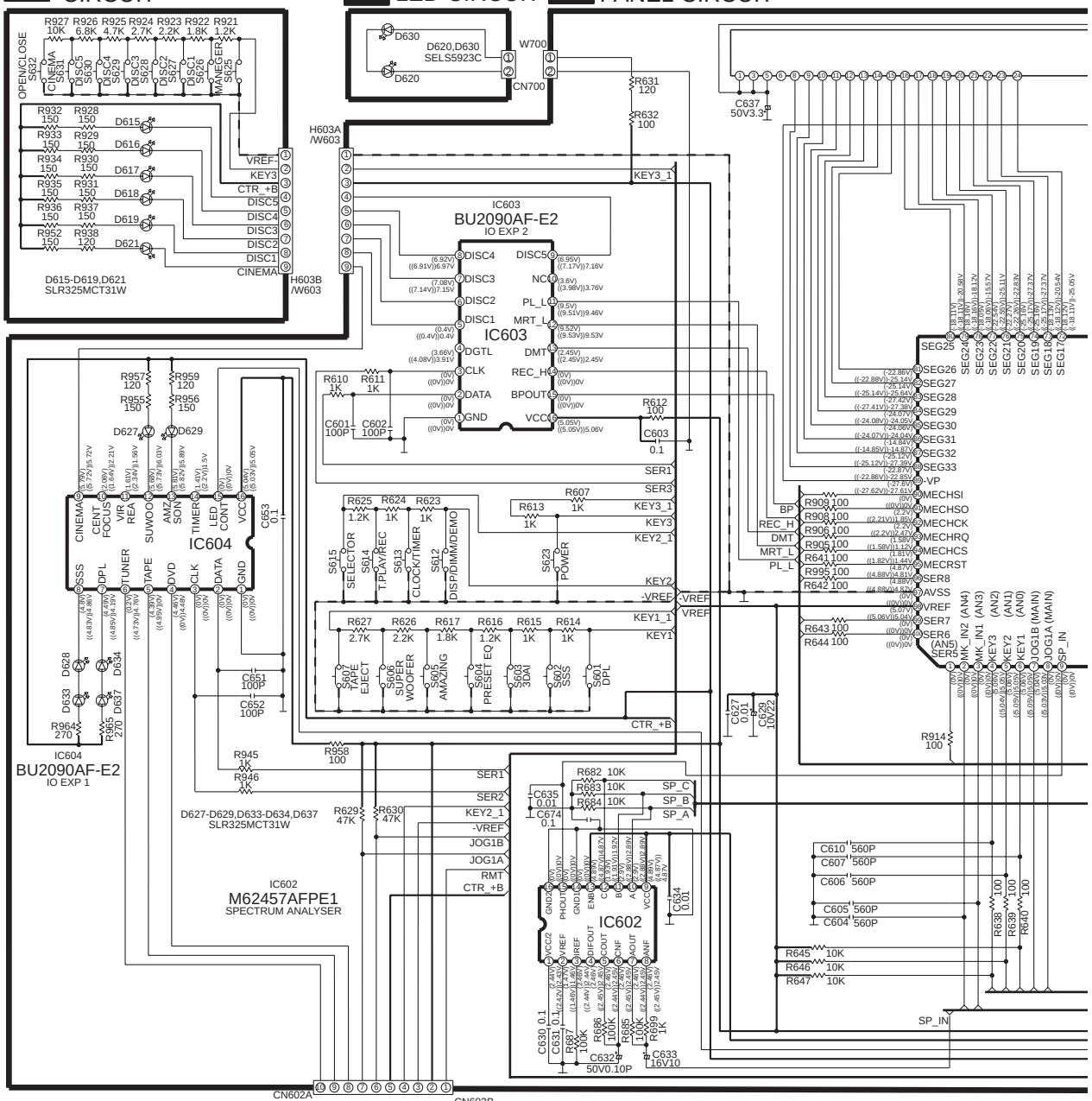
SCHEMATIC DIAGRAM - 27

—— : +B SIGNAL LINE – – : -B SIGNAL LINE ⇒ : MAIN SIGNAL LINE

N TACT SWITCH 1 CIRCUIT

P LED CIRCUIT

D PANEL CIRCUIT

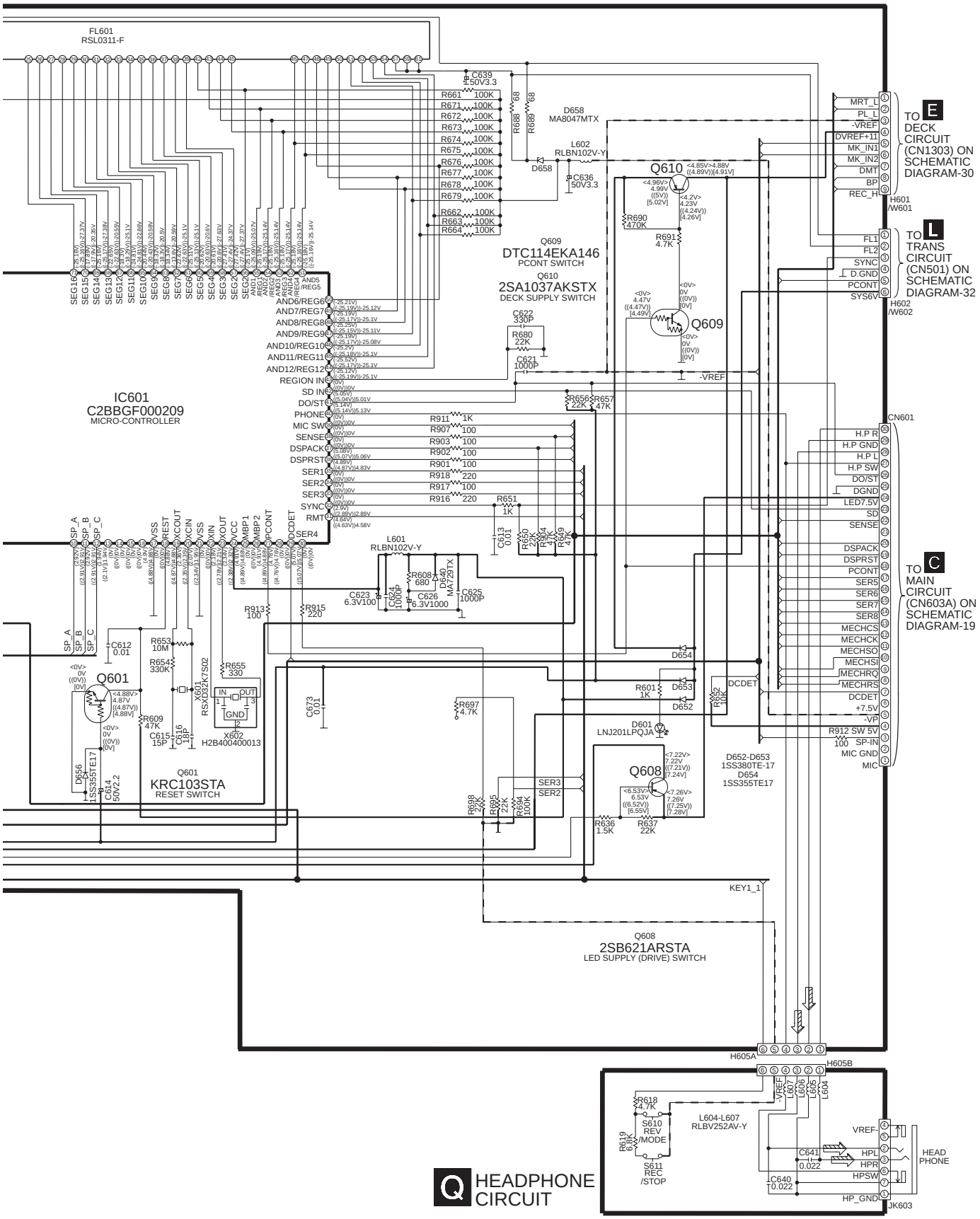


O TACT SWITCH 2 CIRCUIT

SCHEMATIC DIAGRAM - 28

—— : +B SIGNAL LINE – – : -B SIGNAL LINE

D PANEL CIRCUIT

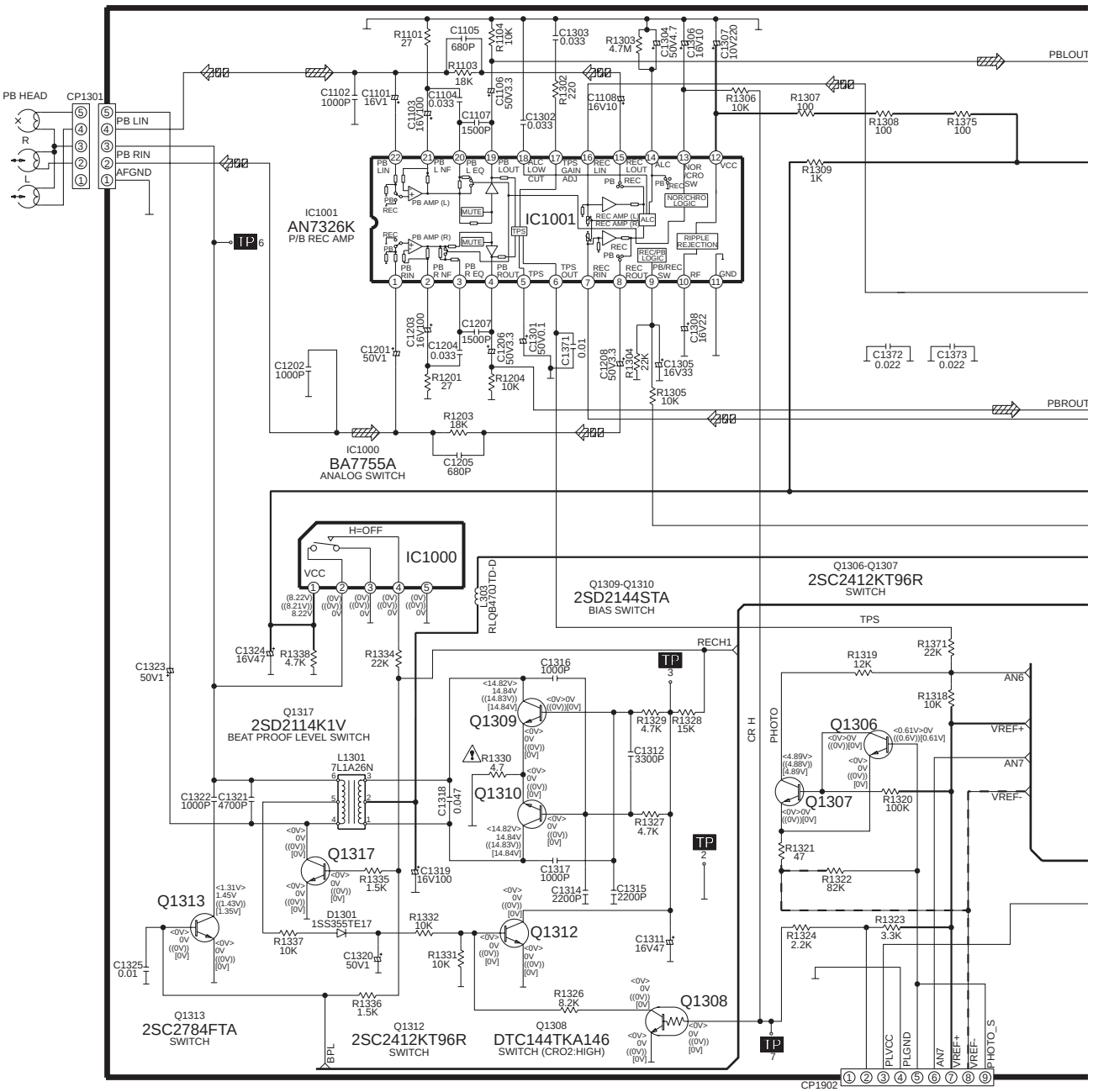


Q HEADPHONE CIRCUIT

SCHEMATIC DIAGRAM - 29

—— : +B SIGNAL LINE – – : -B SIGNAL LINE ▨▨▨ : RECORD SIGNAL LINE ▨▨▨ : PLAYBACK SIGNAL LINE

E DECK CIRCUIT

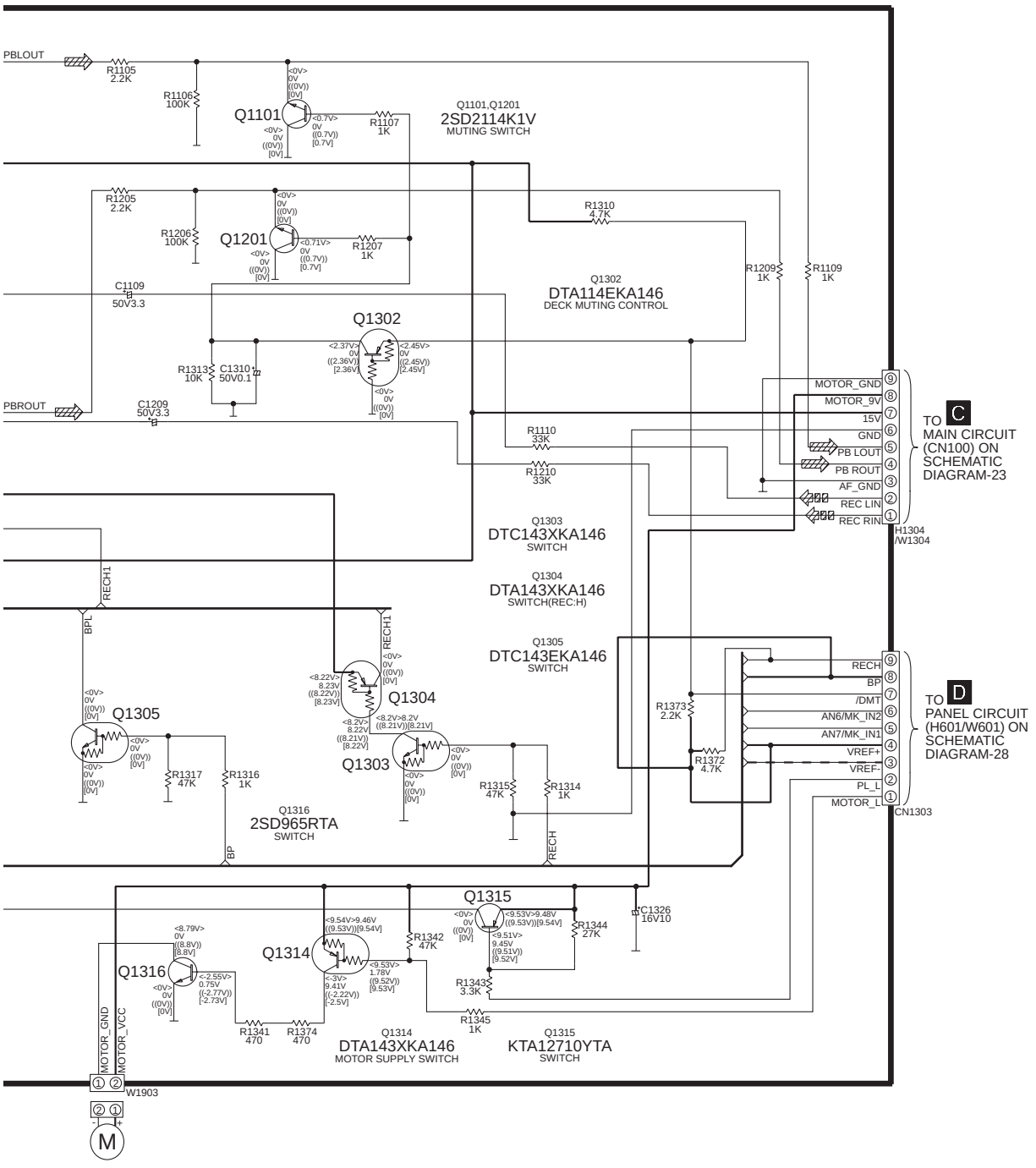


F MECHANISM DECK CIRCUIT

SCHEMATIC DIAGRAM - 30

—— : +B SIGNAL LINE – – : -B SIGNAL LINE : RECORD SIGNAL LINE : PLAYBACK SIGNAL LINE

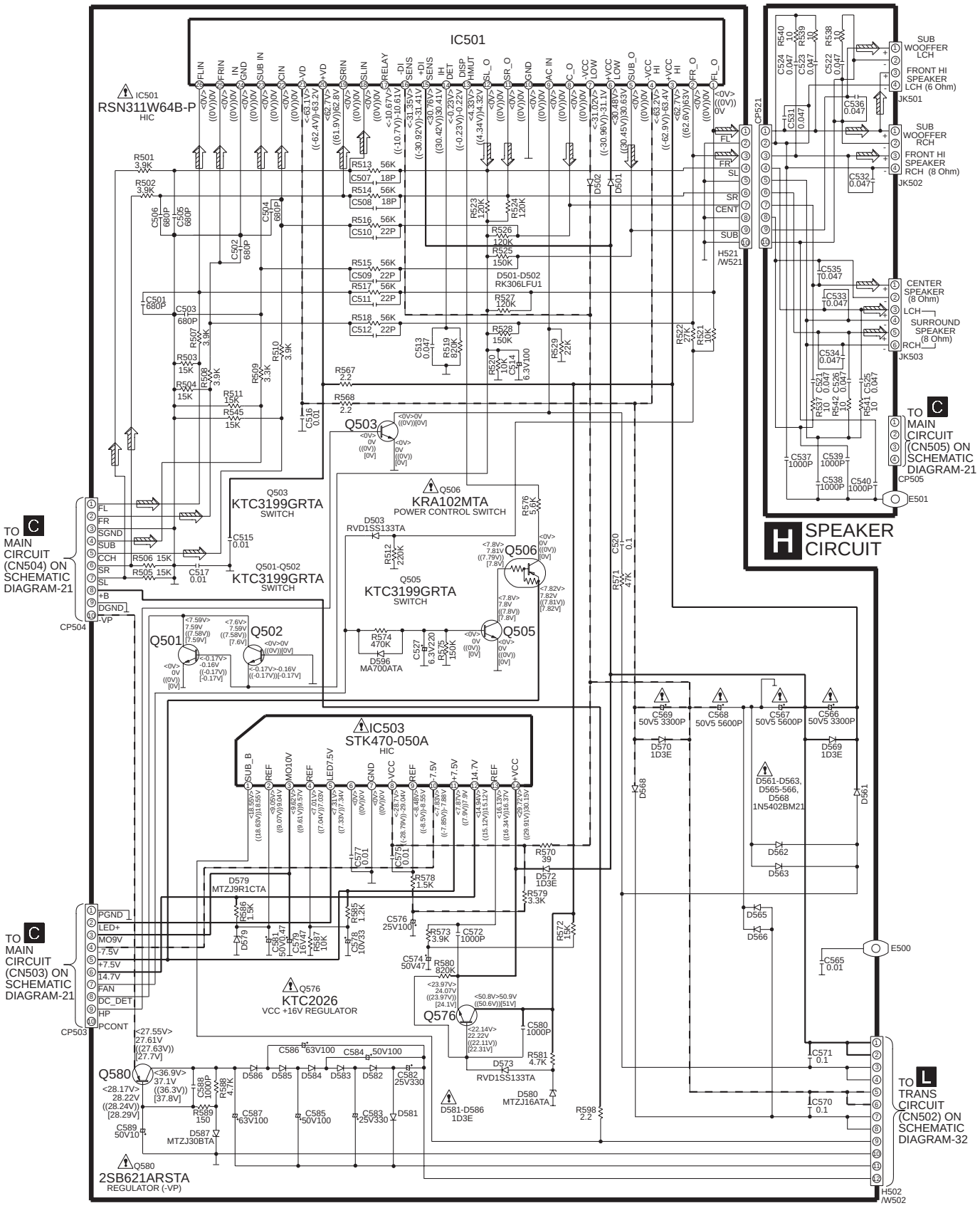
E DECK CIRCUIT



SCHEMATIC DIAGRAM - 31

: +B SIGNAL LINE : -B SIGNAL LINE : MAIN SIGNAL LINE

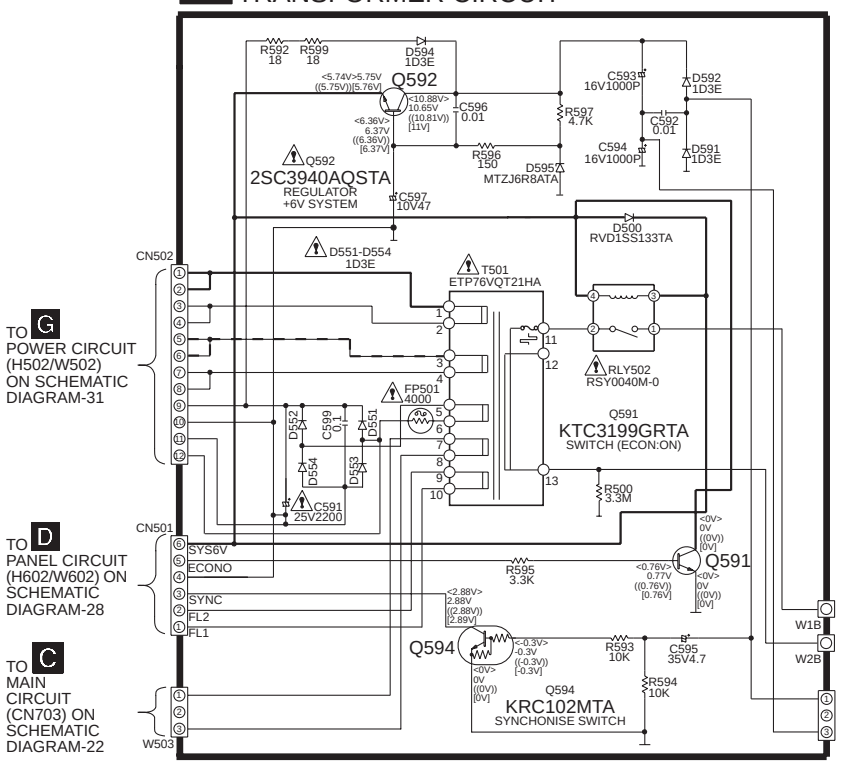
G POWER CIRCUIT

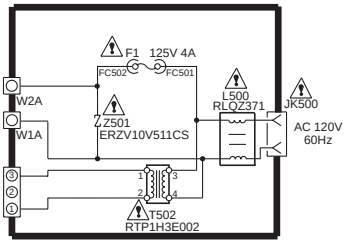


SCHEMATIC DIAGRAM - 32

—— : +B SIGNAL LINE – – : -B SIGNAL LINE

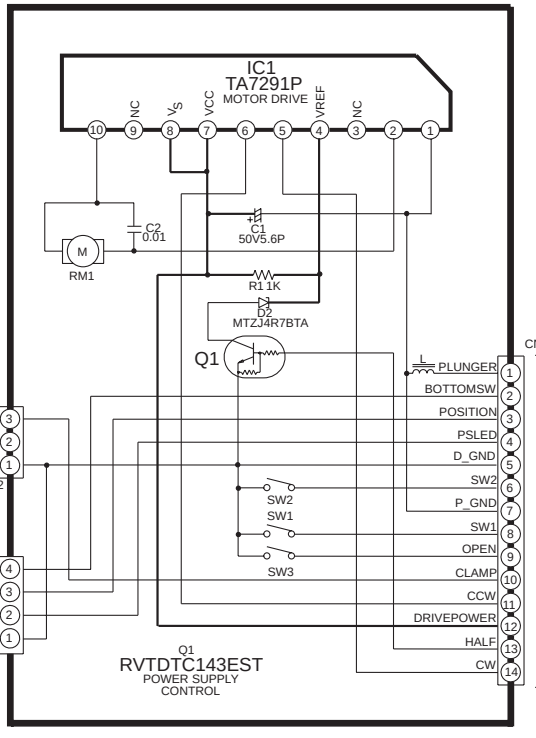
L TRANSFORMER CIRCUIT



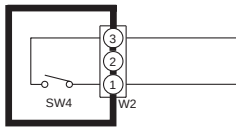


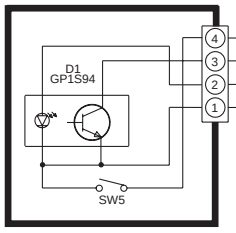
M SUB-TRANSFORMER CIRCUIT

I CD LOADING CIRCUIT



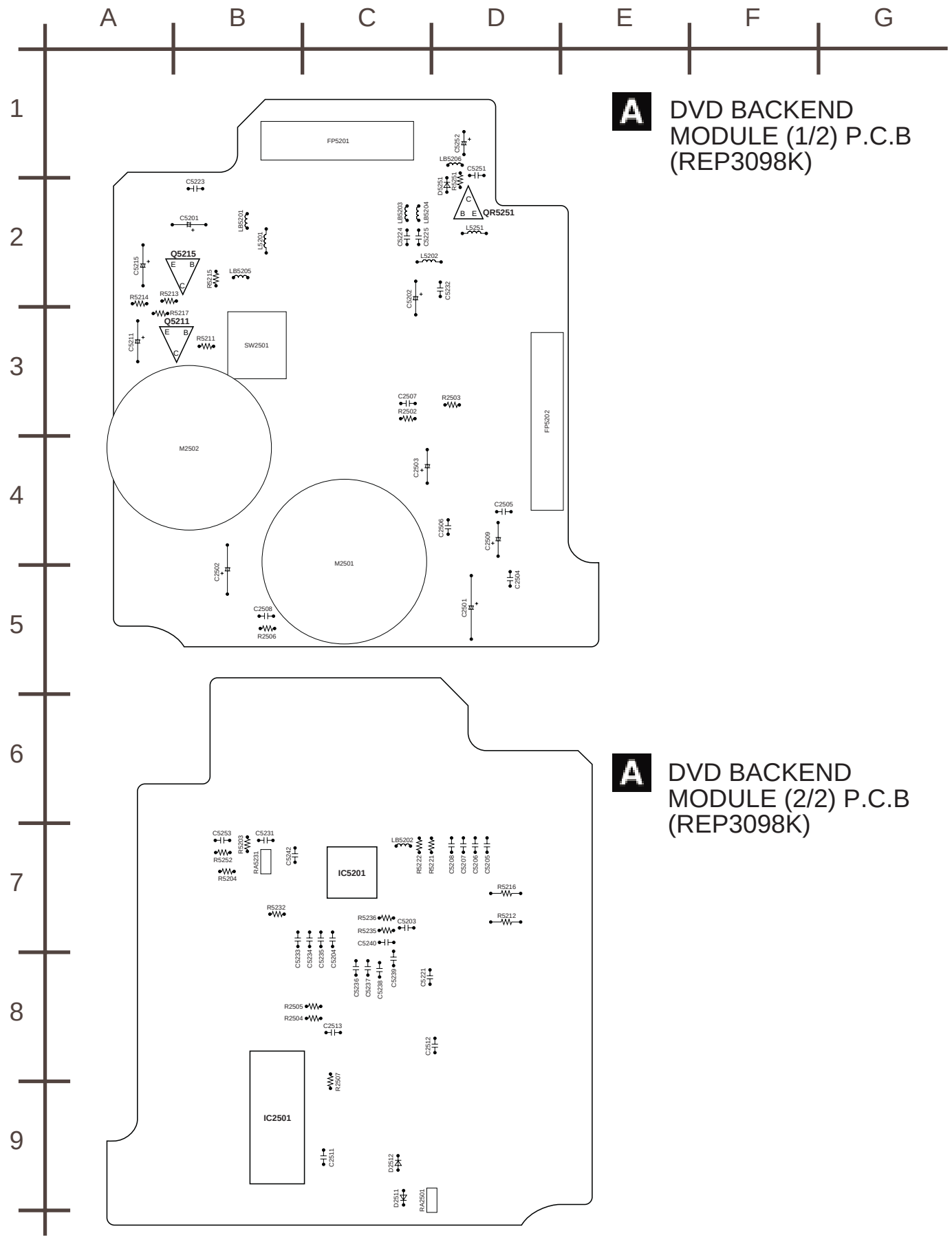
J CD DETACT CIRCUIT



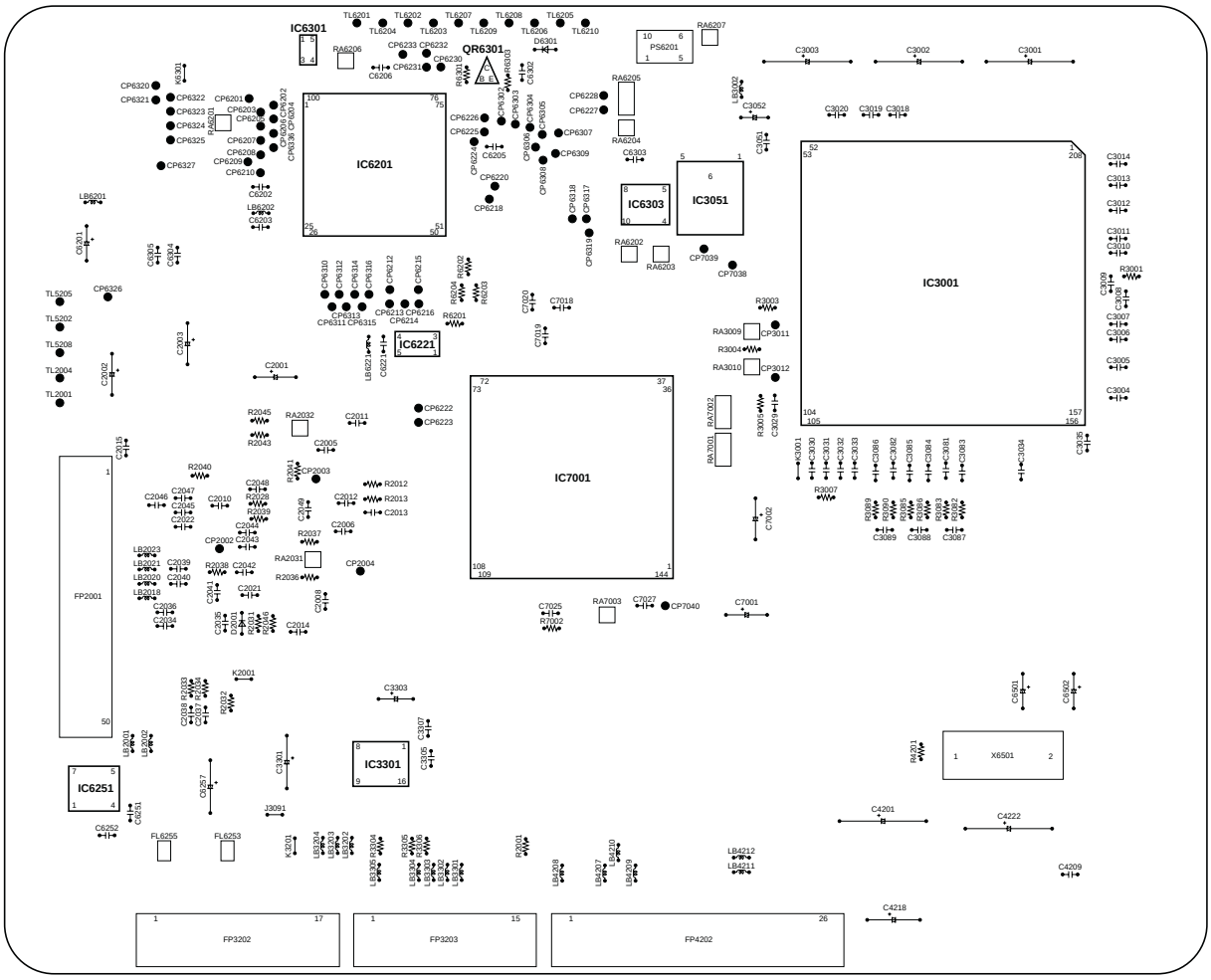


K SPINDLE POSITION CIRCUIT

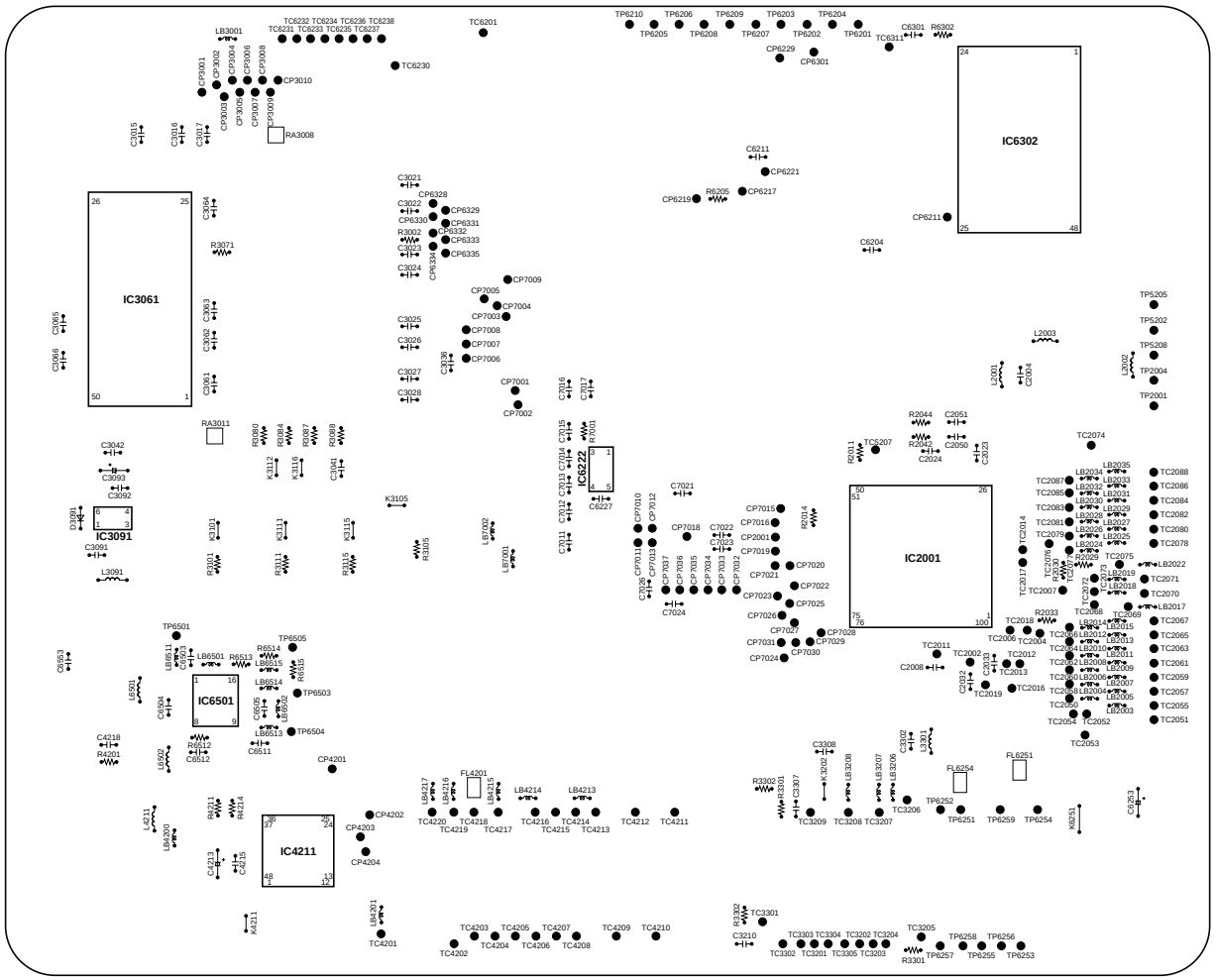
14 Printed Circuit Board



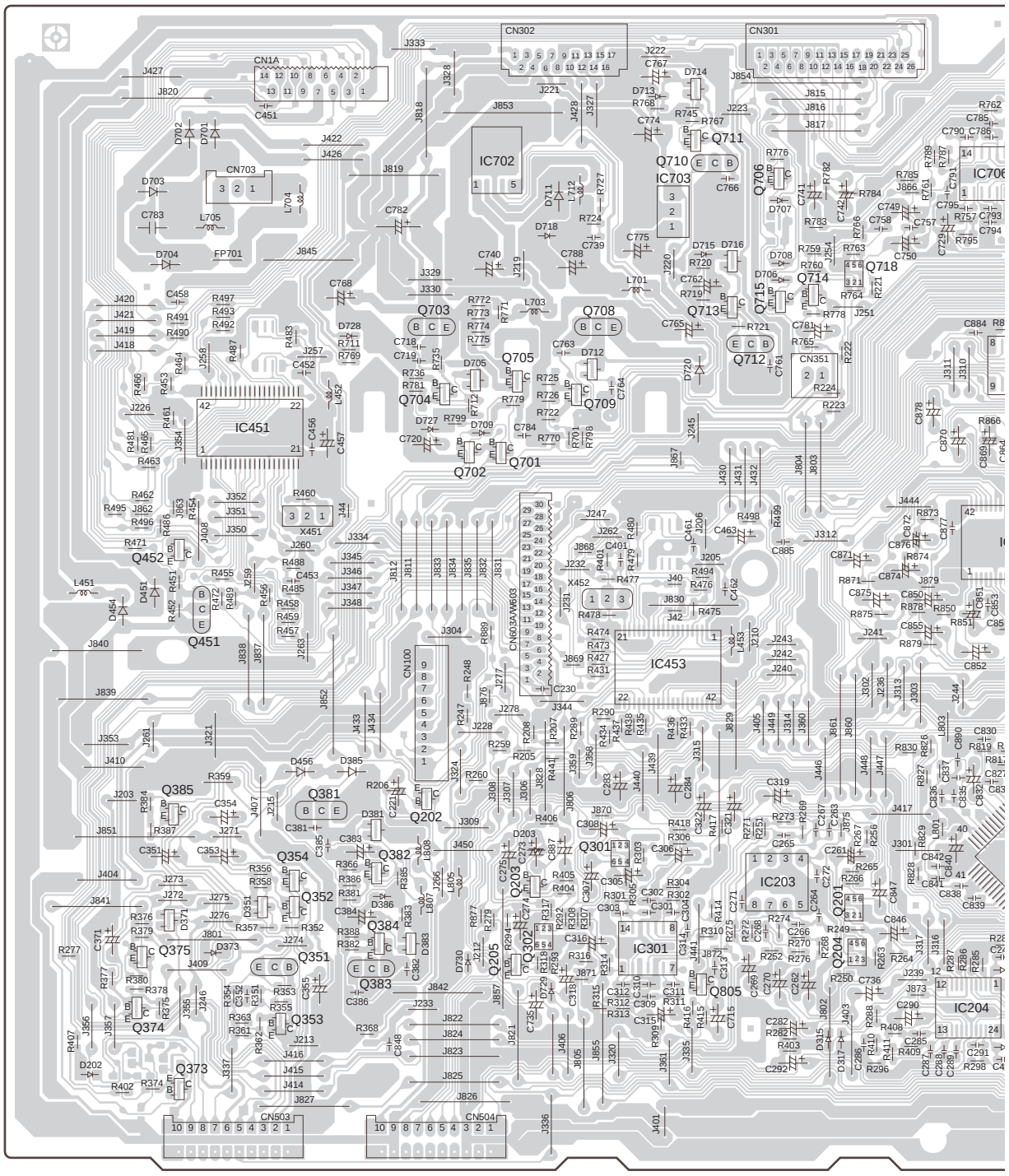
B DVD F/E MODULE (1/2) P.C.B (REP3091A-N)



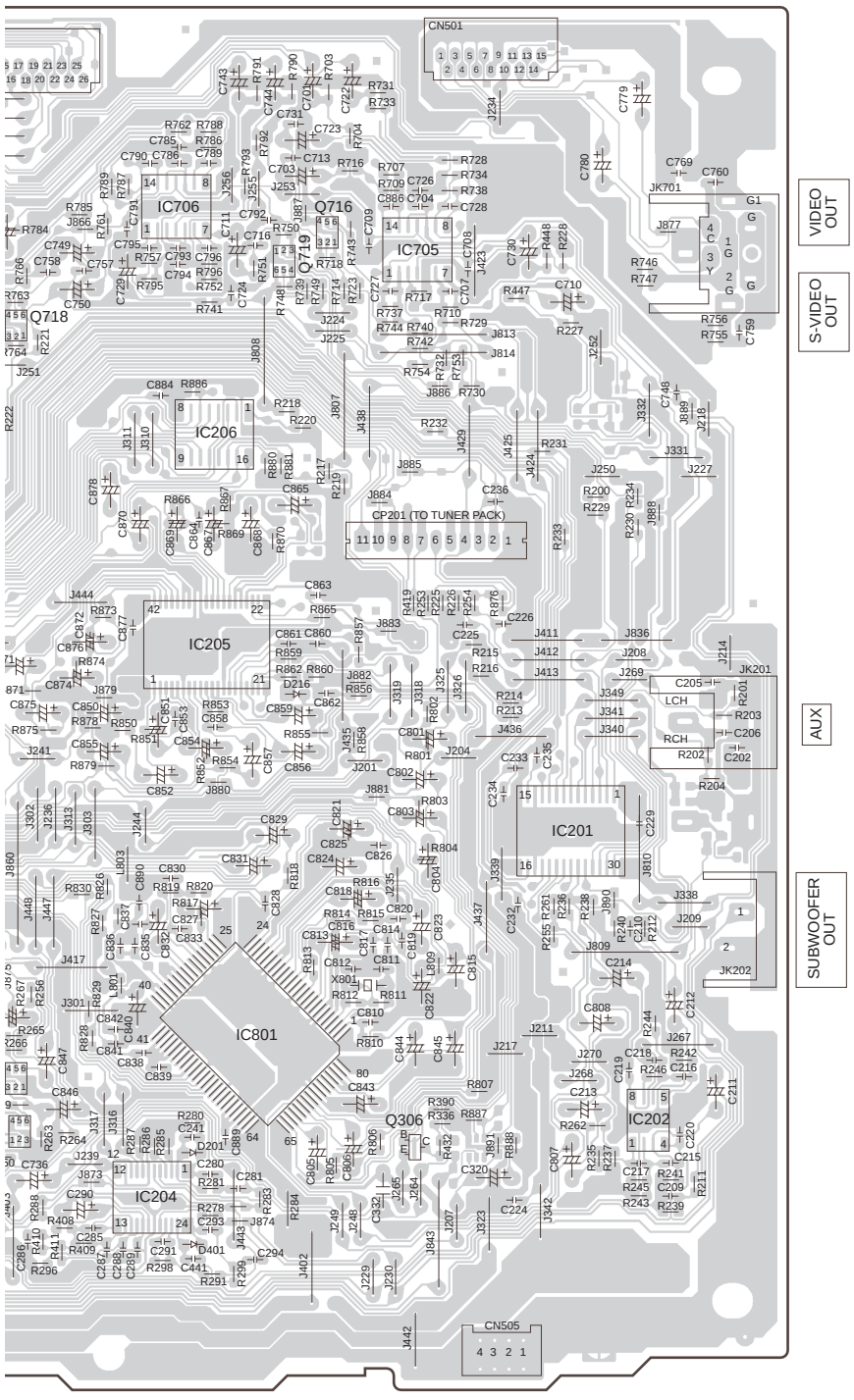
B DVD F/E MODULE (2/2) P.C.B (REP3091A-N)



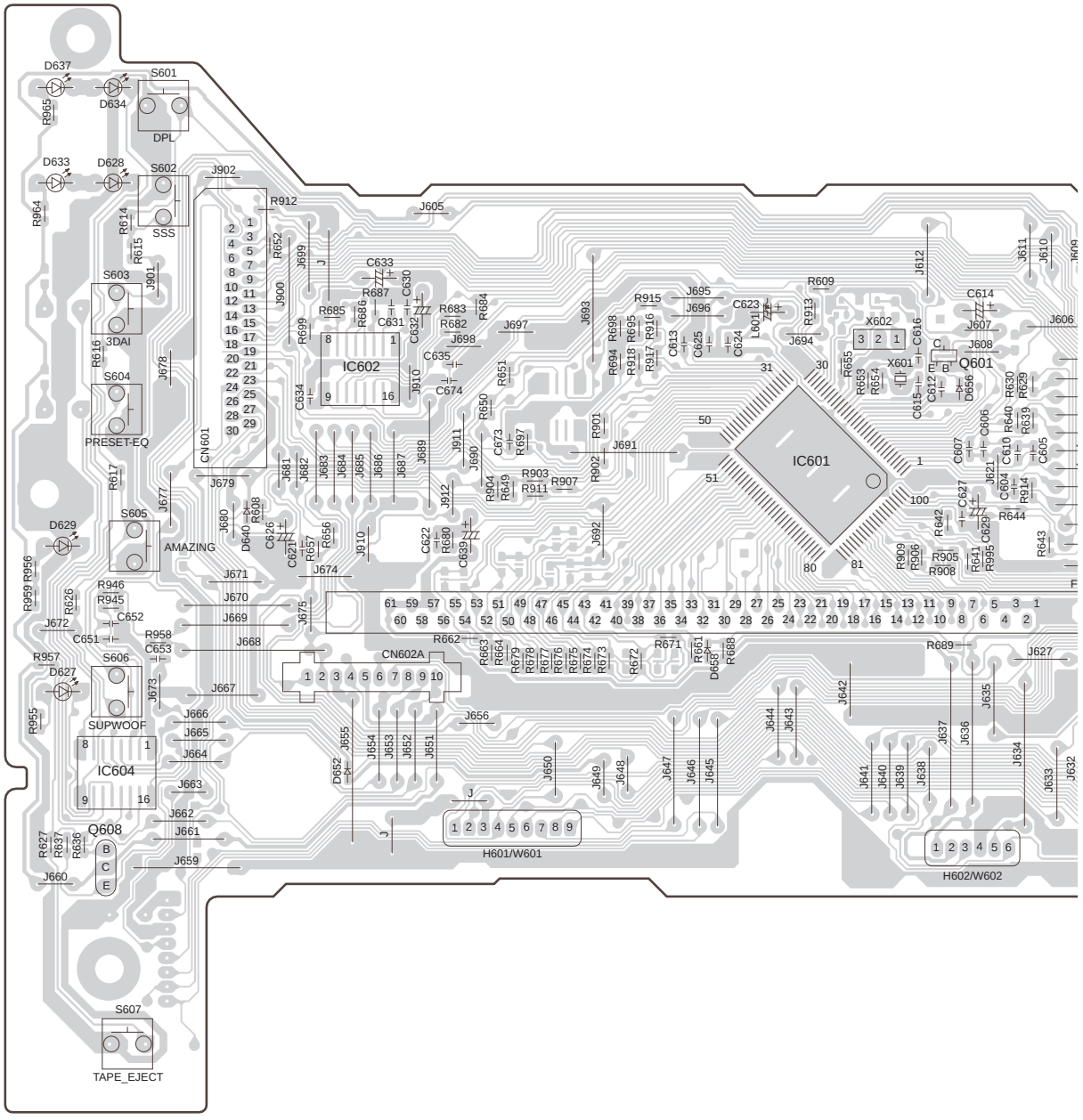
C MAIN P.C.B. (REP3076A)



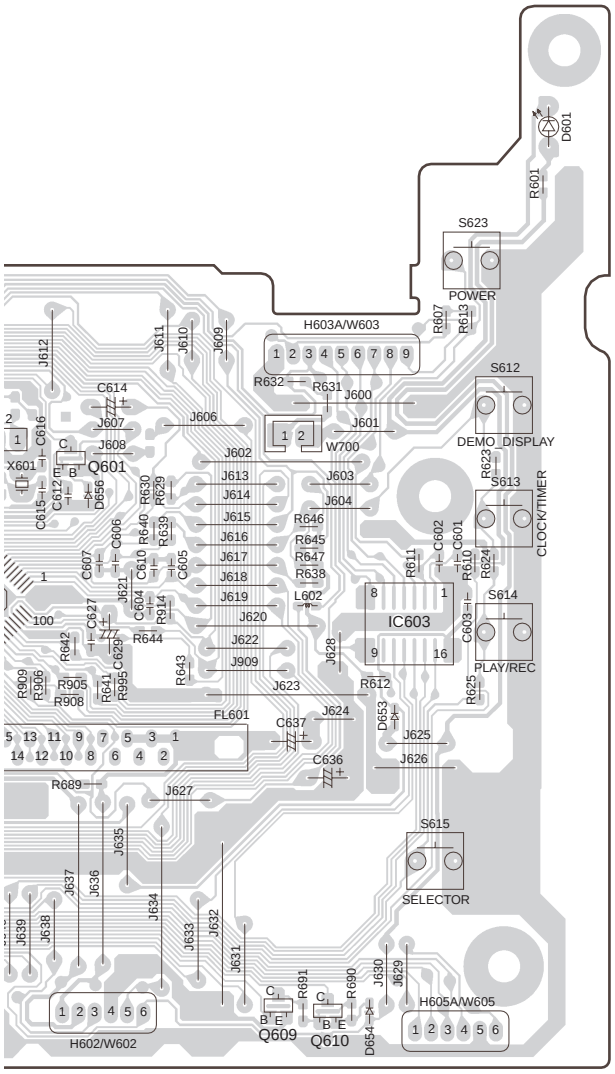
G H I J K L M


CN501
IC706
IC705
Q716
Q719
Q718
IC206
IC205
CP201 (TO TUNER PACK)
IC201
IC801
Q306
IC202
IC204
CN505
JK701
VIDEO OUT
S-VIDEO OUT
AUX
SUBWOOFER OUT
JK201
JK202
LCH
RCH

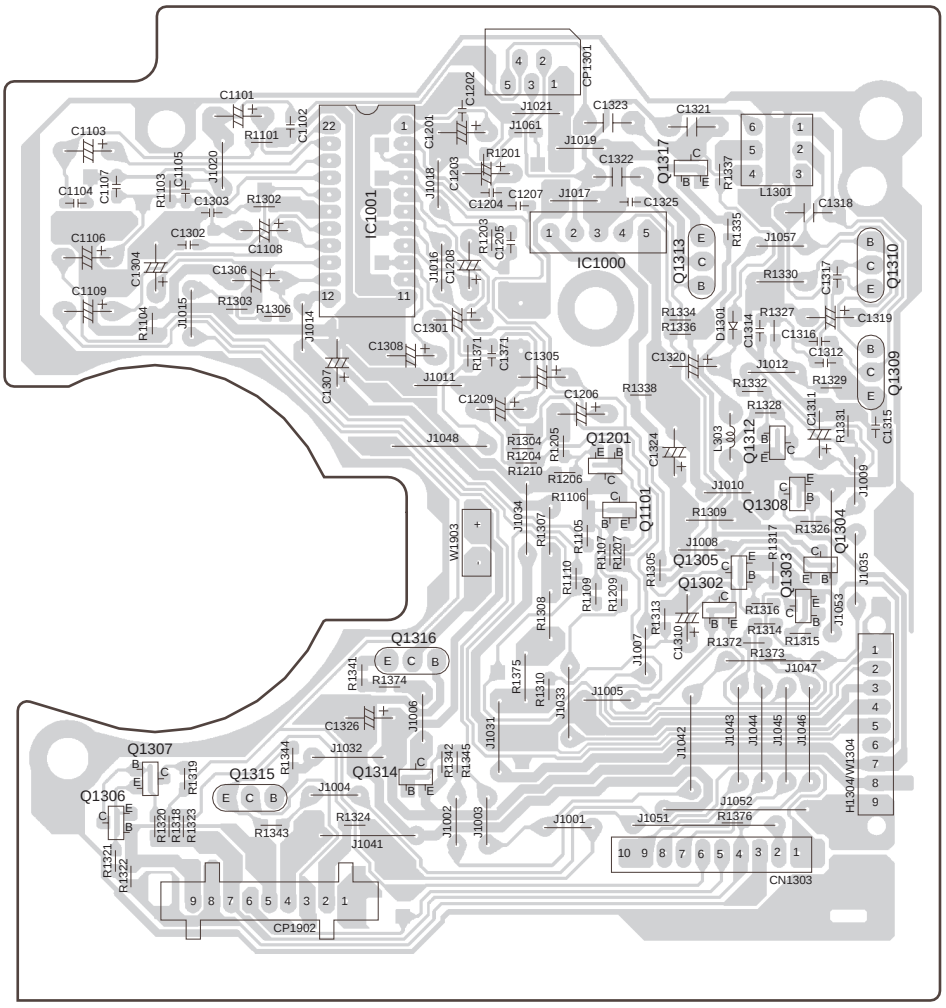
D PANEL P.C.B. (REP3075A)



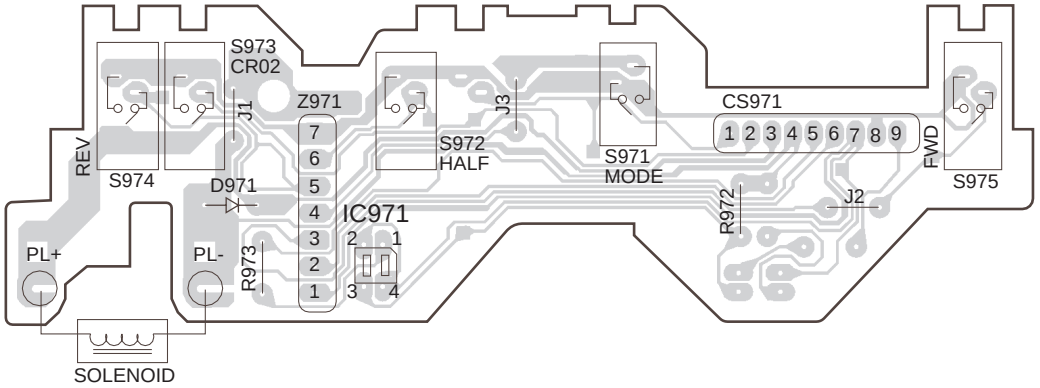
G H I J K L M


D601
R601
S623
POWER
H603A/W603
R607
R613
S612
DEMO_DISPLAY
S613
CLOCK/TIMER
S614
PLAY/REC
S615
SELECTOR
IC603
W700
Q601
Q609
Q610
H602/W602
H605A/W605
FL601
X601
L602

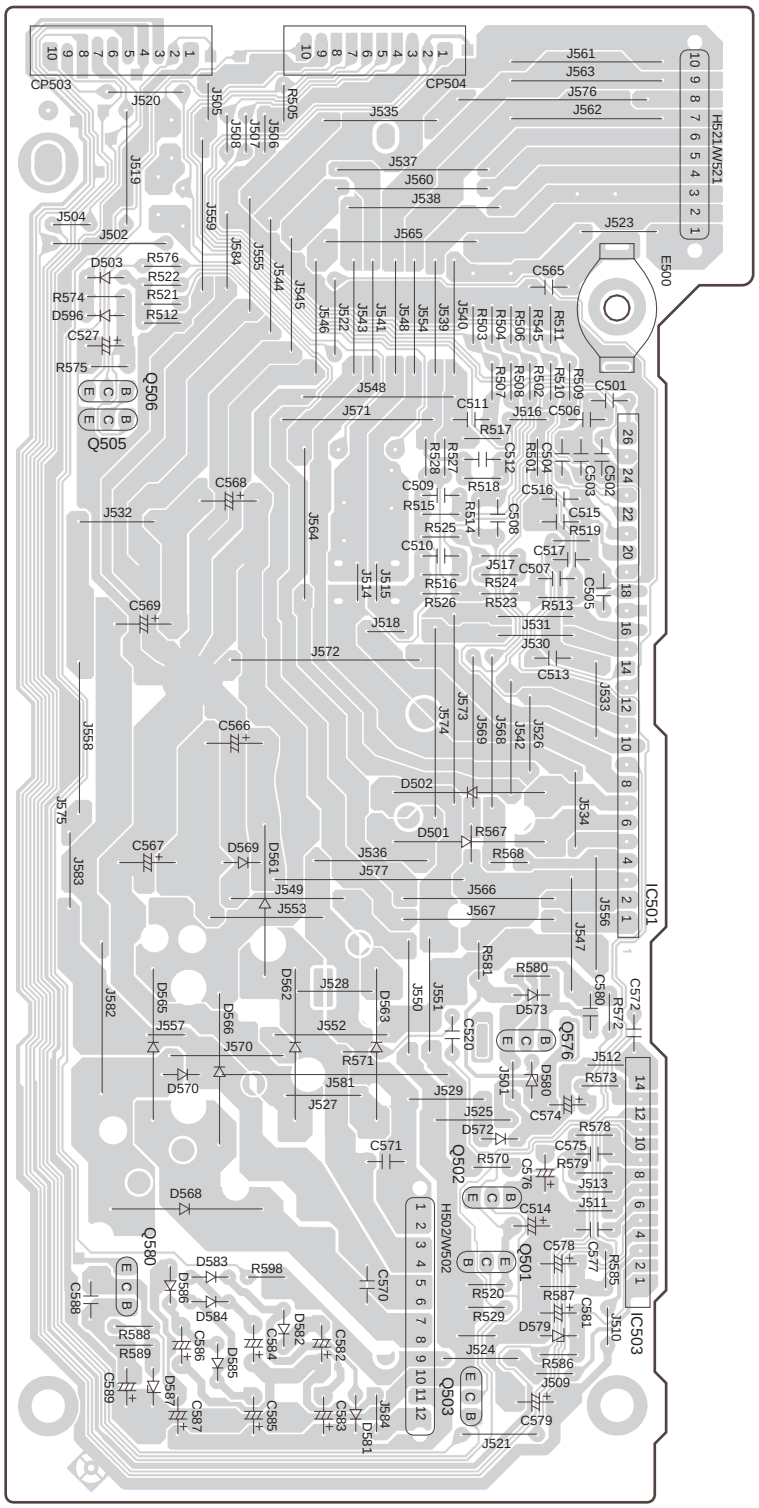
E DECK P.C.B. (REP3079A)



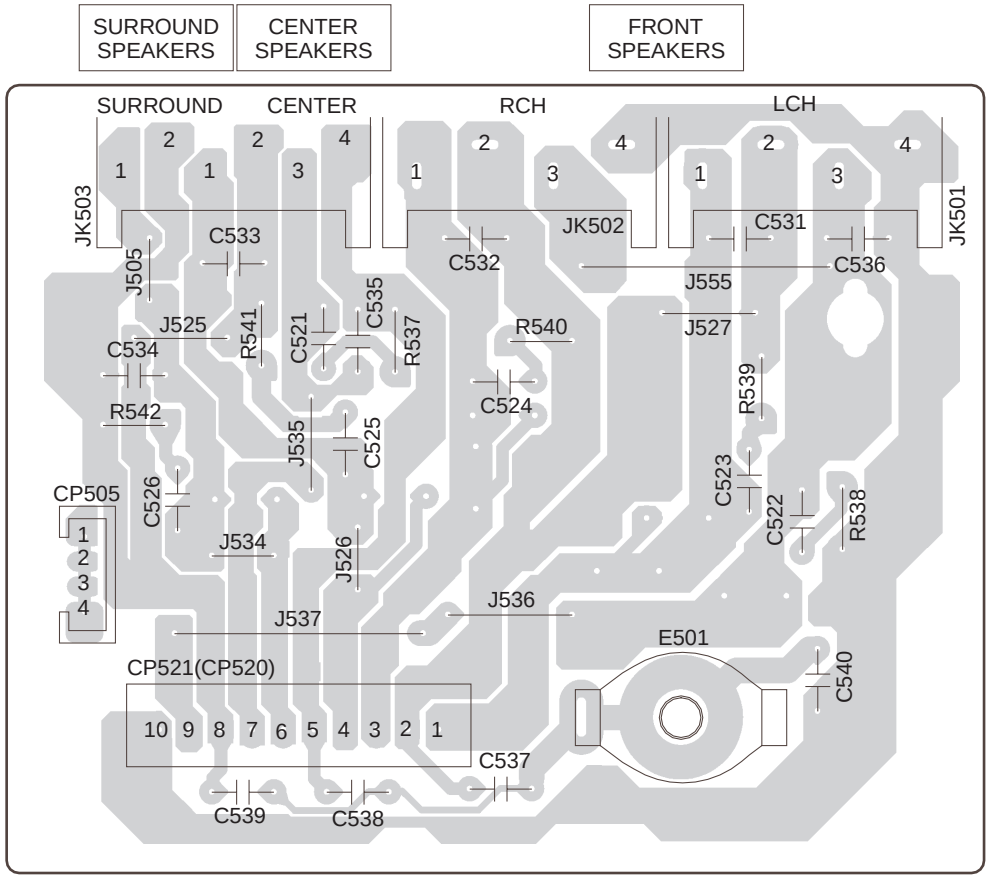
F DECK MECHANISM P.C.B. (REPX0108)



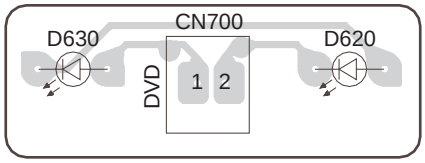
G POWER P.C.B. (REP3077A)



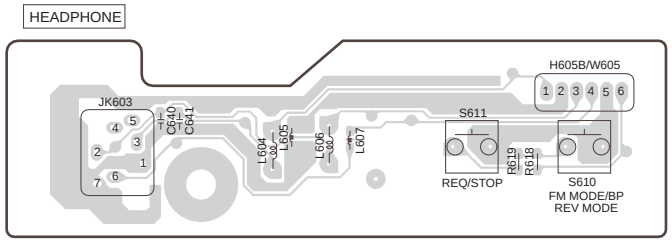
H SPEAKER P.C.B. (REP3078A)



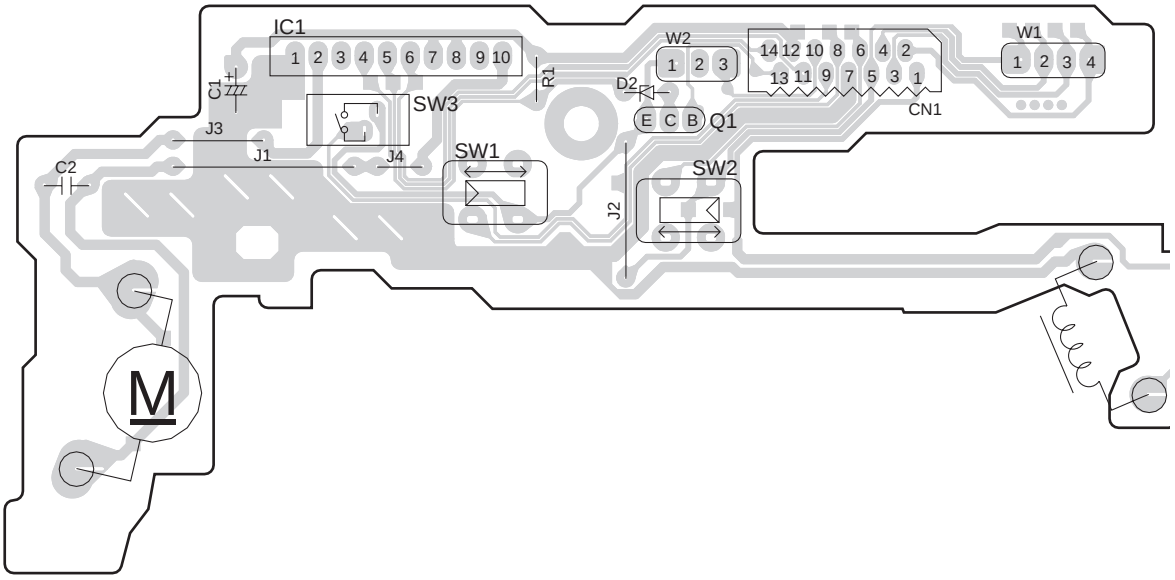
P LED P.C.B. (REP3075A)



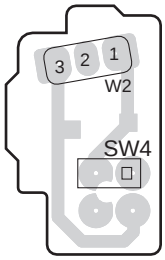
Q HEADPHONE P.C.B. (REP3075A)



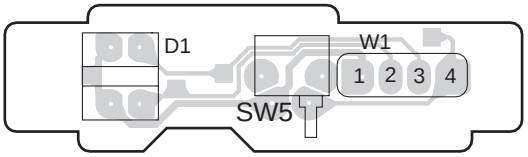
I CD LOADING P.C.B (REP2578A-N)



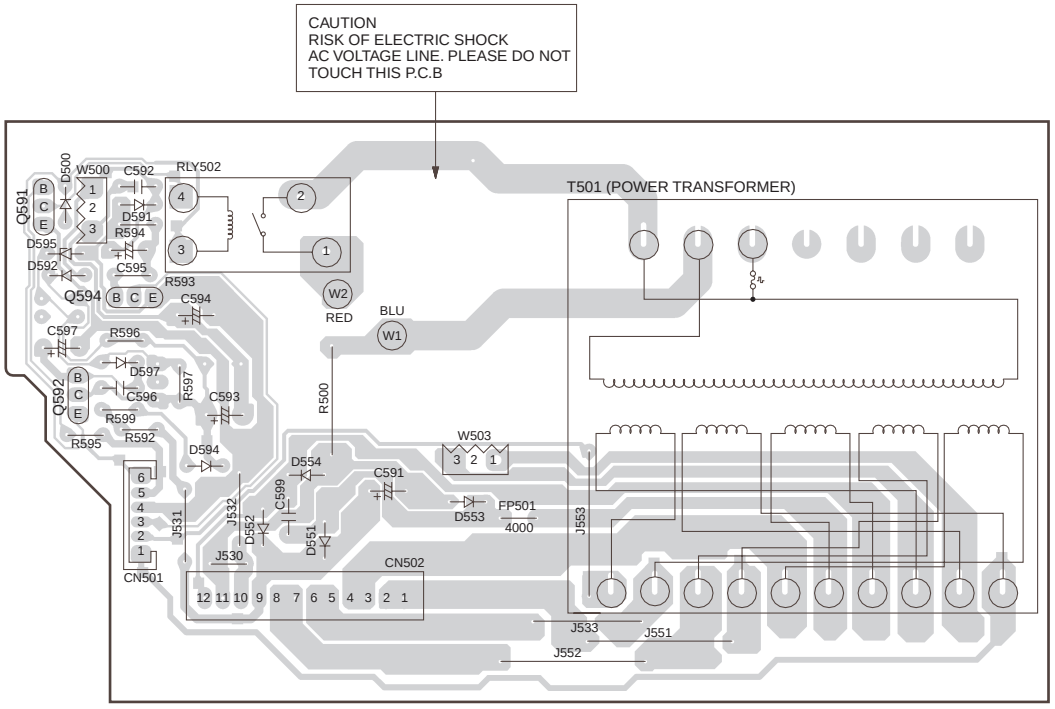
J CD DETACT P.C.B (REP2578A-N)



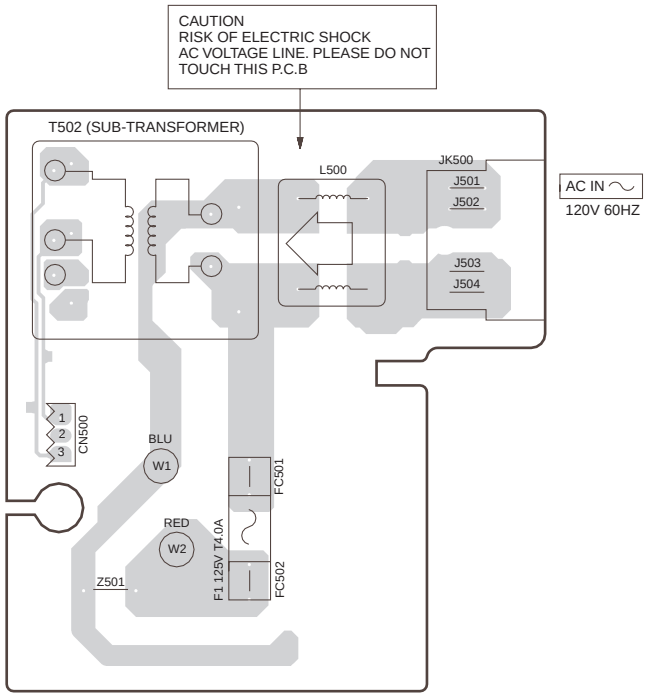
K SPINDLE POSITION P.C.B (REP2578A-N)



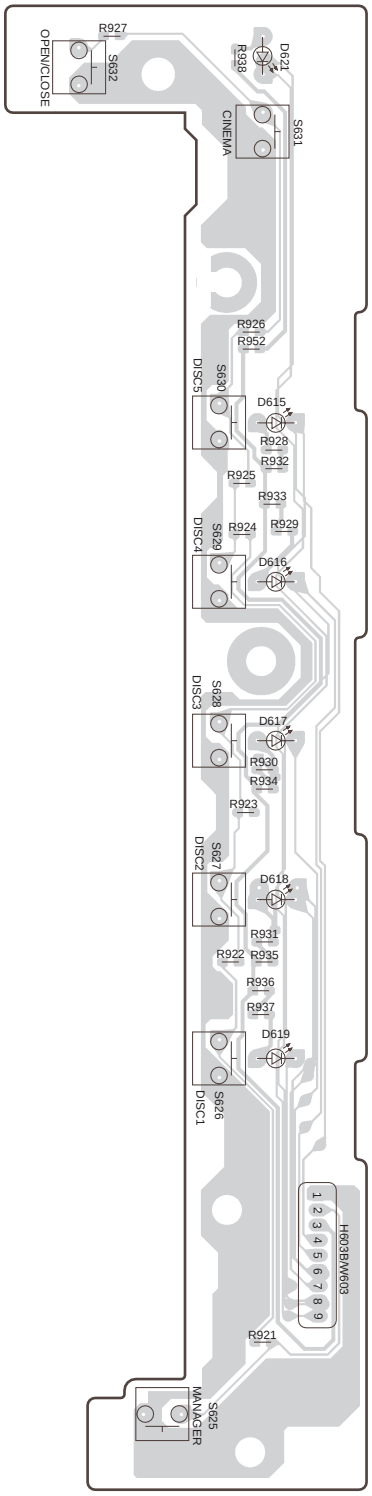
L AC TRANSFORMER P.C.B. (REP3078A)



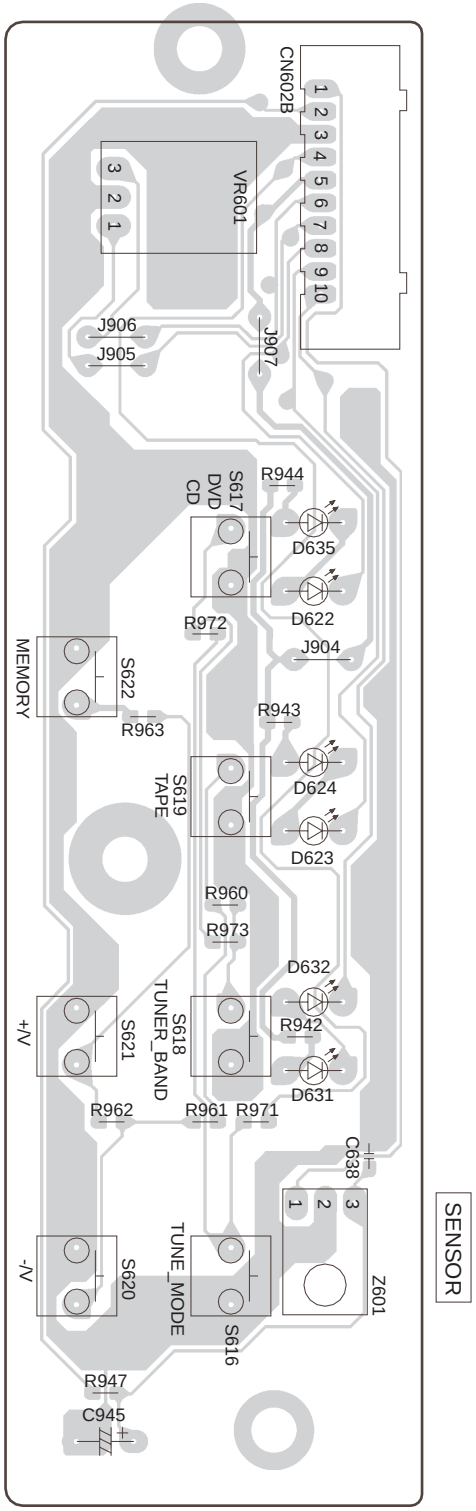
M SUB-TRANSFORMER P.C.B. (REP3078A)



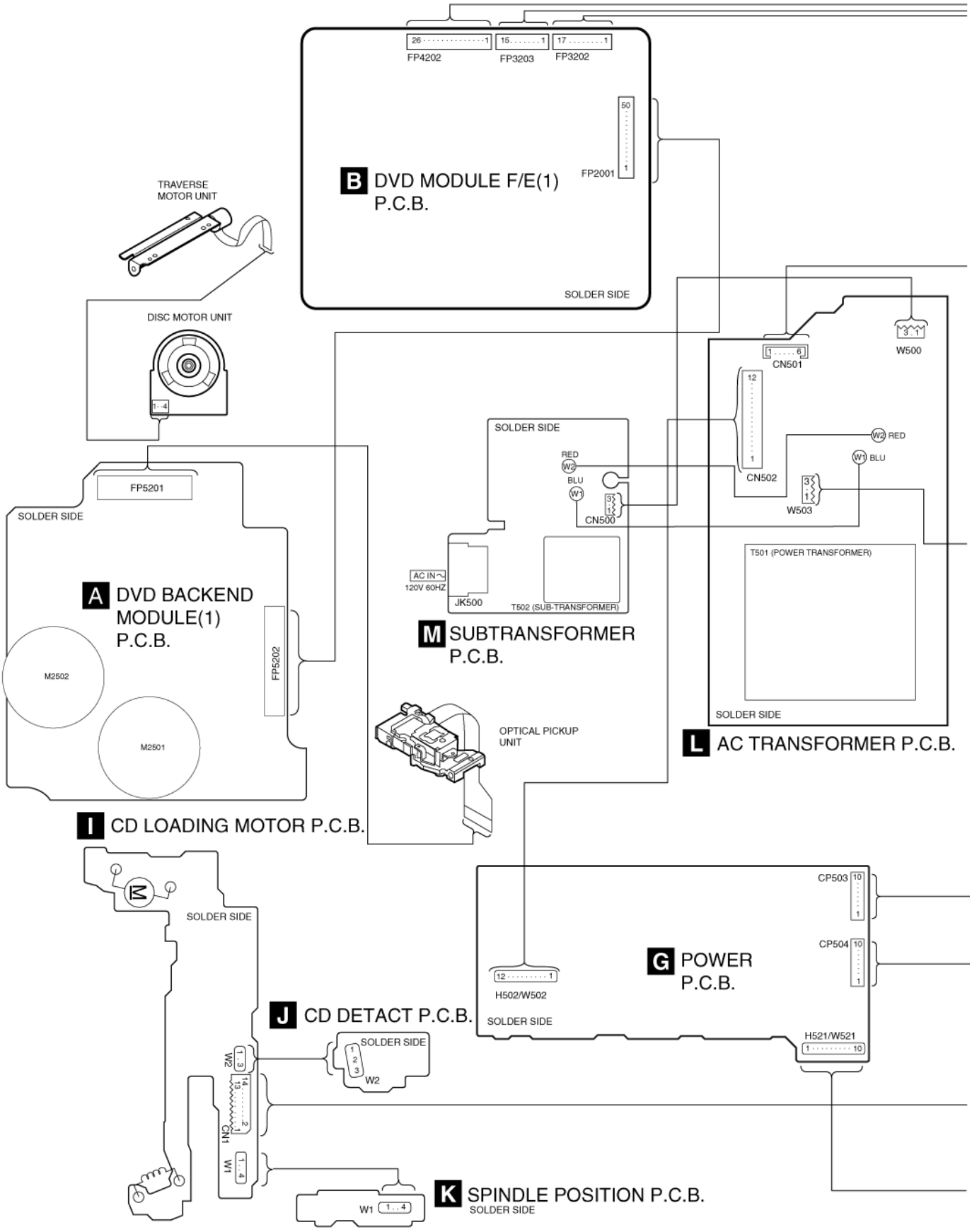
N TACT SWITCH (1) P.C.B. (REP3075A)

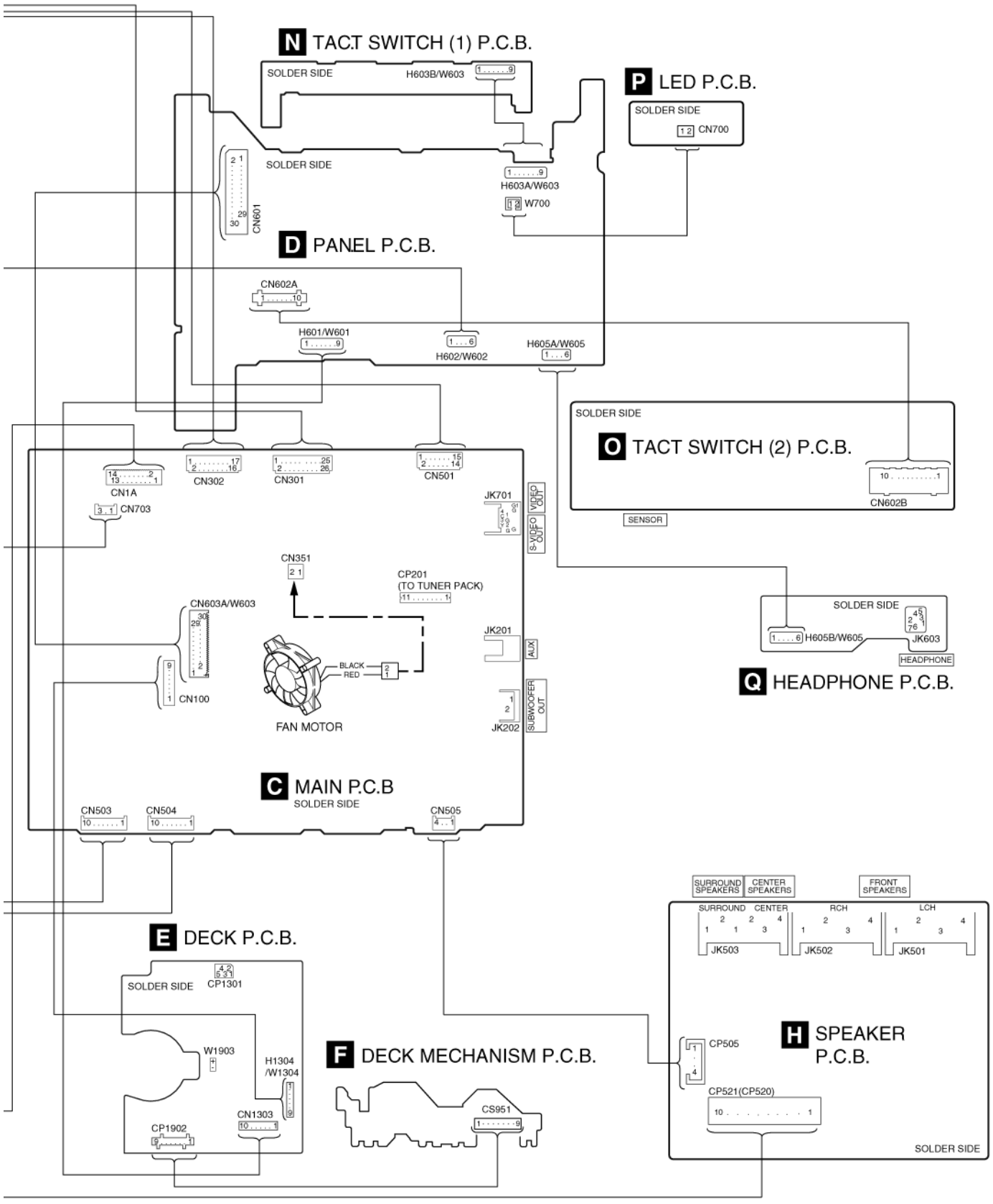


O TACT SWITCH (2) P.C.B. (REP3075A)



15 Wiring Connection Diagram




N TACT SWITCH (1) P.C.B.
SOLDER SIDE
H603B/W603
P LED P.C.B.
SOLDER SIDE
CN700
SOLDER SIDE
H603A/W603
W700
CN601
D PANEL P.C.B.
CN602A
H601/W601
H602/W602
H605A/W605
SOLDER SIDE
O TACT SWITCH (2) P.C.B.
CN602B
SENSOR
CN1A
CN703
CN302
CN301
CN501
JK701
VIDEO OUT
S-VIDEO OUT
CN351
CP201
(TO TUNER PACK)
CN603A/W603
CN100
JK201
AUX
BLACK
RED
FAN MOTOR
JK202
SUBWOOFER OUT
SOLDER SIDE
H605B/W605
JK603
HEADPHONE
Q HEADPHONE P.C.B.
C MAIN P.C.B
SOLDER SIDE
CN503
CN504
CN505
SURROUND SPEAKERS
CENTER SPEAKERS
FRONT SPEAKERS
SURROUND
CENTER
RCH
LCH
JK503
JK502
JK501
E DECK P.C.B.
SOLDER SIDE
CP1301
W1903
H1304
/W1304
CN1303
CP1902
F DECK MECHANISM P.C.B.
CS951
CP505
H SPEAKER P.C.B.
CP521(CP520)
SOLDER SIDE

16 Parts Location and Replacement Parts List

Notes:

- Important safety notice:

  Components identified by ⚠ mark have special characteristics important for safety.

  Furthermore, special parts which have purposes of fire-retardent (resistors), high-quality sound (capacitors), low noise (resistors), etc are used.

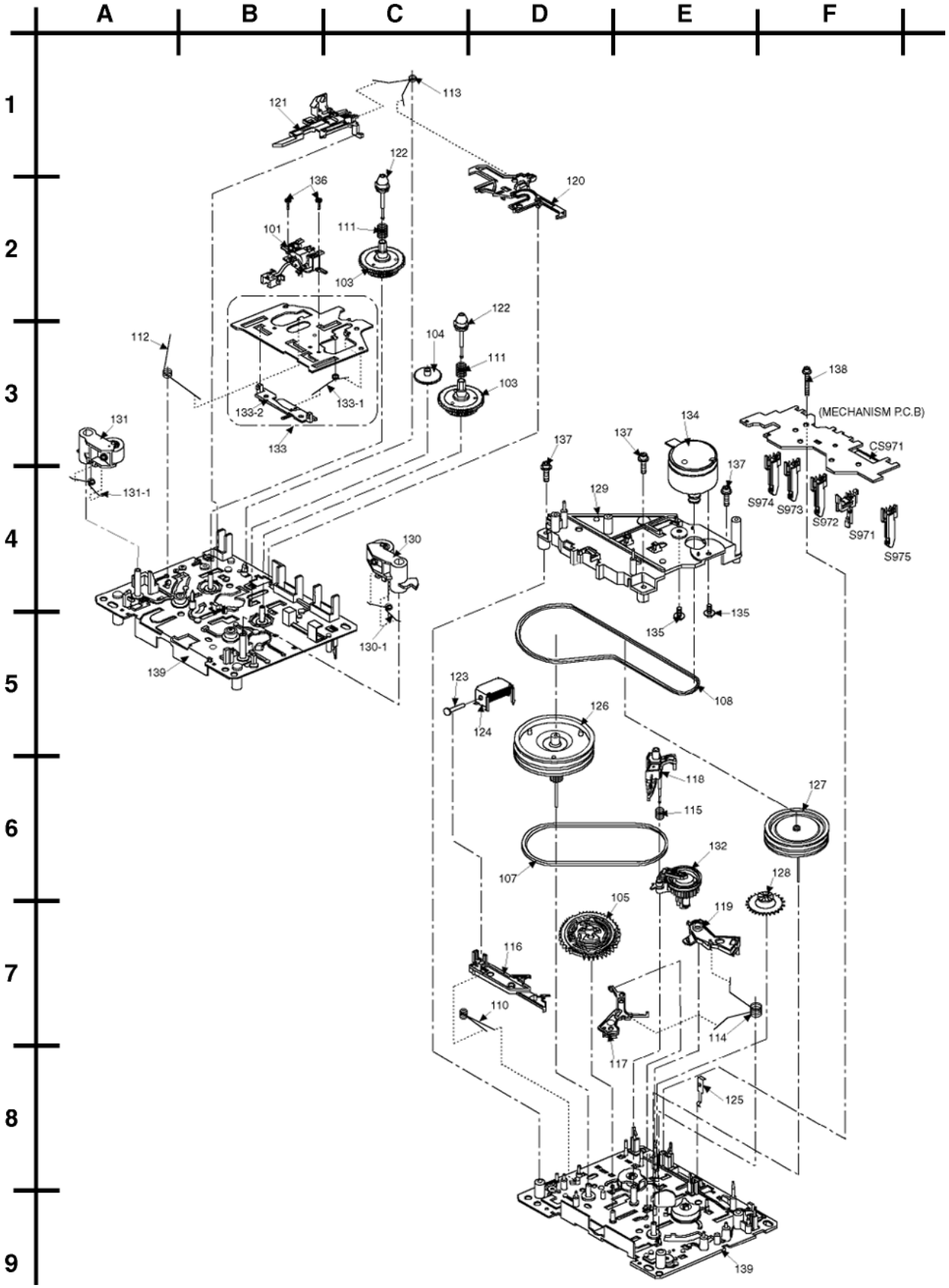
  When replacing any of these components, be sure to use only manufacturer's specified parts shown in the parts list.
- The parenthesized indications in the Remarks columns specify the areas or colour. (Refer to teh cover page for area or colour)

  Parts without these indications can be used for all areas.
- Warning: This product uses a laser diode. Refer to caution statements on "Precaution of Laser Diode".
- Capacitor values are in microfarads (µF) unless specified otherwise, P= Pico-farads (pF), F= Farads.
- Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OHM).
- The marking (RTL) indicates that the Retention Time is limited for this items. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of a availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
- [M] Indicates in the Remarks columns indicates parts supplied by **MESA.**
- The "(SF)" mark denotes the standard part.
- Remote Control Unit: Supply period for three years from terminal of production.
- Reference for O/I book languages are as follows:

Ar :	Arabic	Du :	Dutch	It :	Italian	Sp :	Spanish
Cf :	Canadian French	En :	English	Ko :	Korean	Sw :	Swedish
Cz :	Czech	Fr :	French	Po :	Polish	Co :	Traditional Chinese
Da :	Danish	Ge :	German	Ru :	Russian	Cn :	Simplified Chinese

16.1. Deck Mechanism (RAA4108)

16.1.1. Deck Mechanism Parts Location

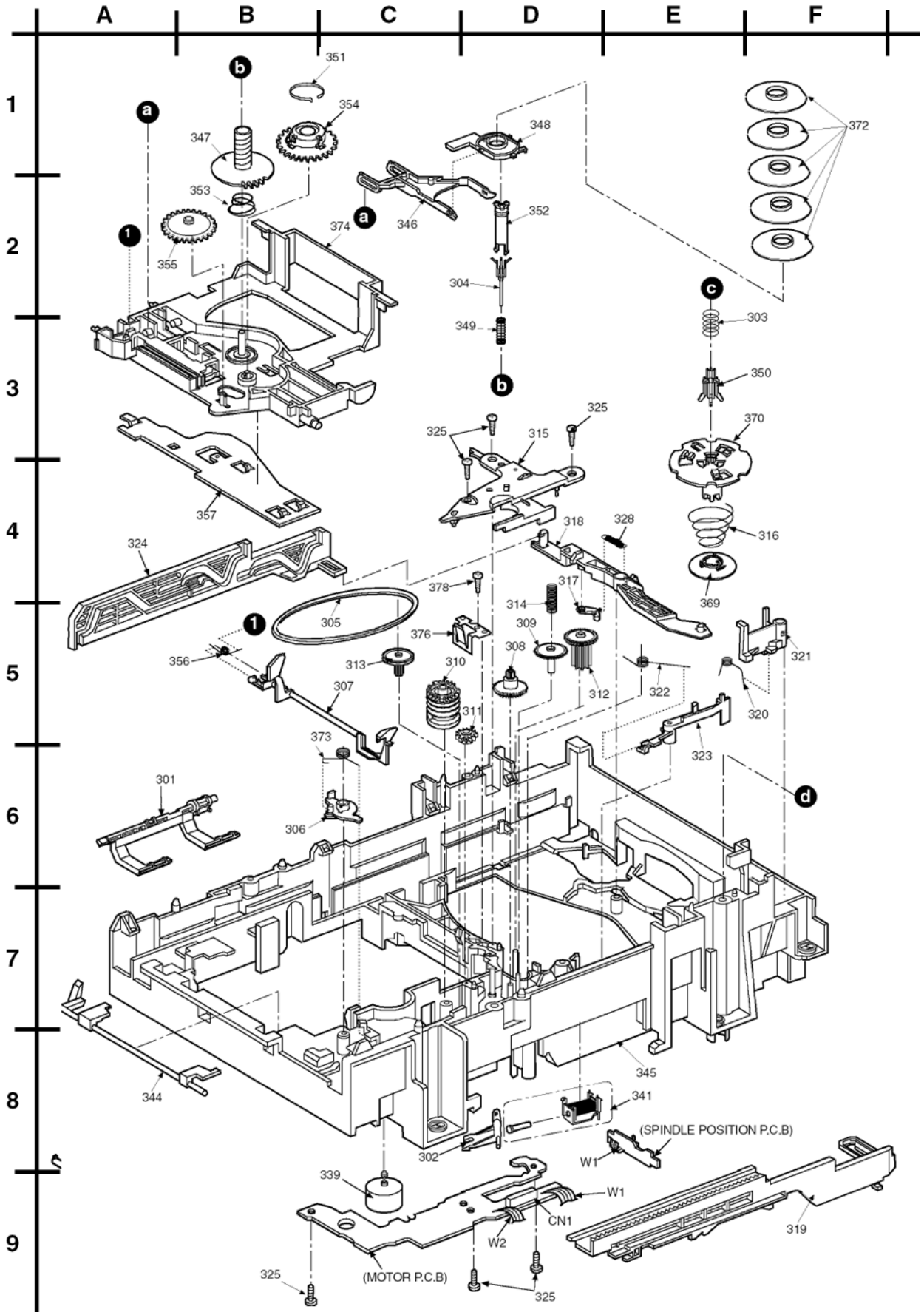


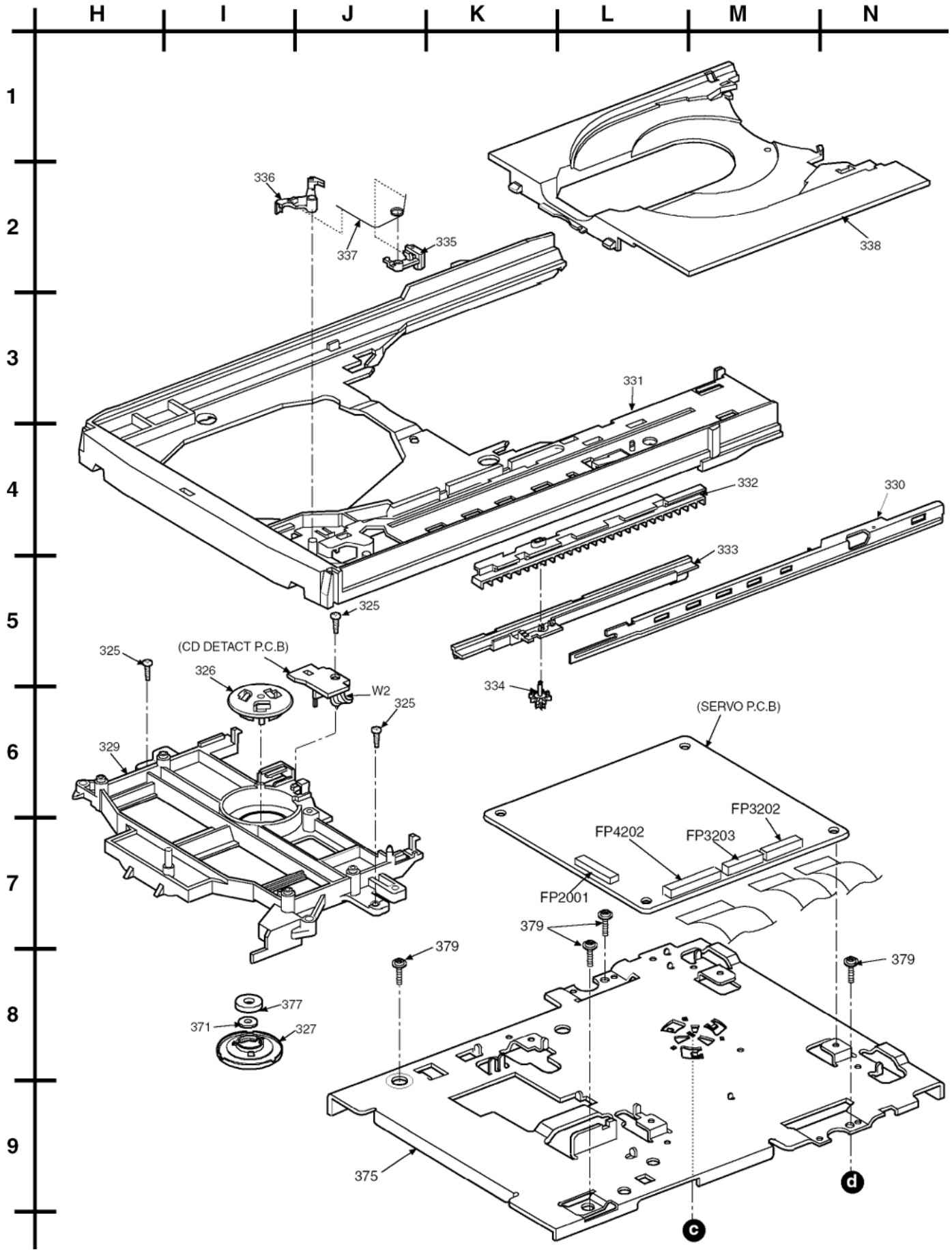
16.1.2. Deck Mechanism Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		CASSETTE DECK	
101	RED0050	R/P HEAD BLOCK UNIT	[M]
103	RDG0300	REEL BASE GEAR	[M]
104	RDG0301	WINDING RELAY GEAR	[M]
105	RDK0026	MAIN GEAR	[M]
107	RDV0033-4	WINDING BELT	[M]
108	RDV0034-1	CAPSTAN BELT ‘A’	[M]
110	RMB0312	TRIGGER LEVER SPRING	[M]
111	RMB0400	REEL SPRING	[M]
112	RMB0403	HEAD PANEL SPRING	[M]
113	RMB0404	BRAKE ROD SPRING	[M]
114	RMB0406	FR LEVER SP	[M]
115	RMB0408	THRUST SPRING	[M]
116	RML0370	TRIGGER LEVER	[M]
117	RML0371	FR LEVER	[M]
118	RML0372	WINDING LEVER	[M]
119	RML0374	EJECT LEVER	[M]
120	RMM0131	BRAKE ROD	[M]
121	RMM0133-1	EJECT ROD	[M]
122	RMQ0519	REEL HUB	[M]
123	RMS0398-1	MOVING CORE	[M]
124	RSJ0003	PLUNGER	[M]
125	RMC0061	SPRING	[M]
126	RXF0049	FLYWHEEL ‘F’ ASS’Y	[M]
127	RXF0050	FLYWHEEL ‘R’ ASS’Y	[M]
128	RXG0040	FF RELAY GEAR ASS’Y	[M]
129	RMK0283A-J	SUB CHASSIS	[M]
130	RXL0124	PINCH ARM ‘F’ ASS’Y	[M]
130-1	RMB0401	PINCH ARM SPRING ‘F’	[M]
131	RXL0125	PINCH ARM ‘R’ ASS’Y	[M]
131-1	RMB0402	PINCH ARM SPRING ‘R’	[M]
132	RXL0126	WINDING ARM ASS’Y	[M]
133	RXQ0412	HEAD PANEL ASS’Y	[M]
133-1	RMB0405	FR ROD SPRING	[M]
133-2	RMM0132	FR ROD	[M]
134	REM0064-2	CAP MOTOR ASS’Y	[M]
135	RHD26022	MOTOR SCREW	[M]
136	XTW2+5L	HEAD BLOCK UNIT SCRE	[M]
137	XTW26+10S	SUB-CHASSIS SCREW	[M]
138	XYC2+JF17	PCB EARTH SCREW	[M]
139	RFKJSTR280PP	CHASSIS ASS’Y	[M]

16.2. CD Loading Mechanism (RD-DAC036-S)

16.2.1. CD Loading Mechanism Parts Location




H
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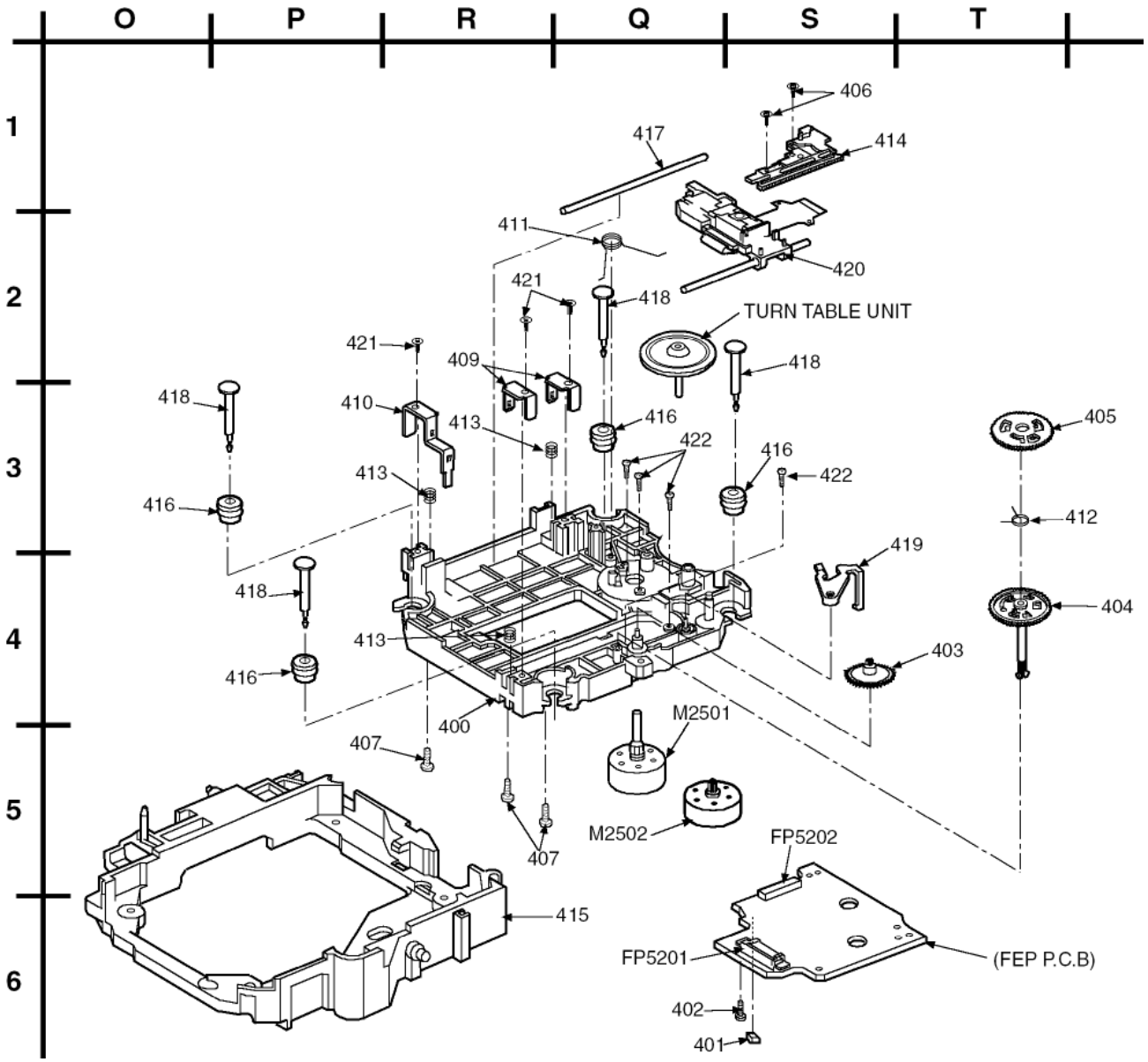
J
K
L
M
N
1
2
3
4
5
6
7
8
9
336
337
335
338
331
332
330
333
325
334
(CD DETACT P.C.B)
326
W2
329
(SERVO P.C.B)
FP3202
FP4202
FP3203
FP2001
379
377
371
327
375
c
d


O
P
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Q
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T
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6
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414
417
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420
421
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TURN TABLE UNIT
421
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M2501
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M2502
407
FP5202
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FP5201
(FEP P.C.B)
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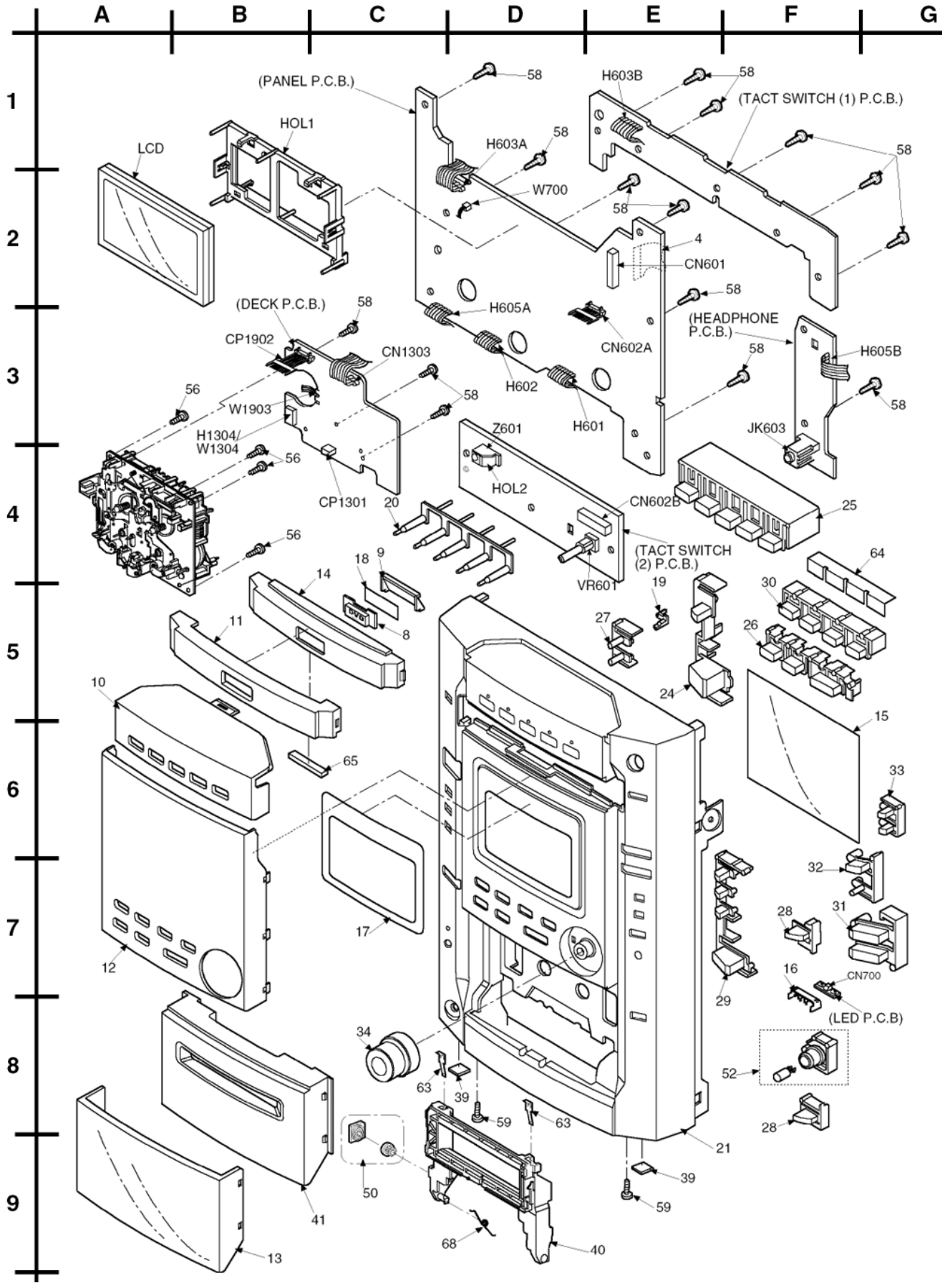
401

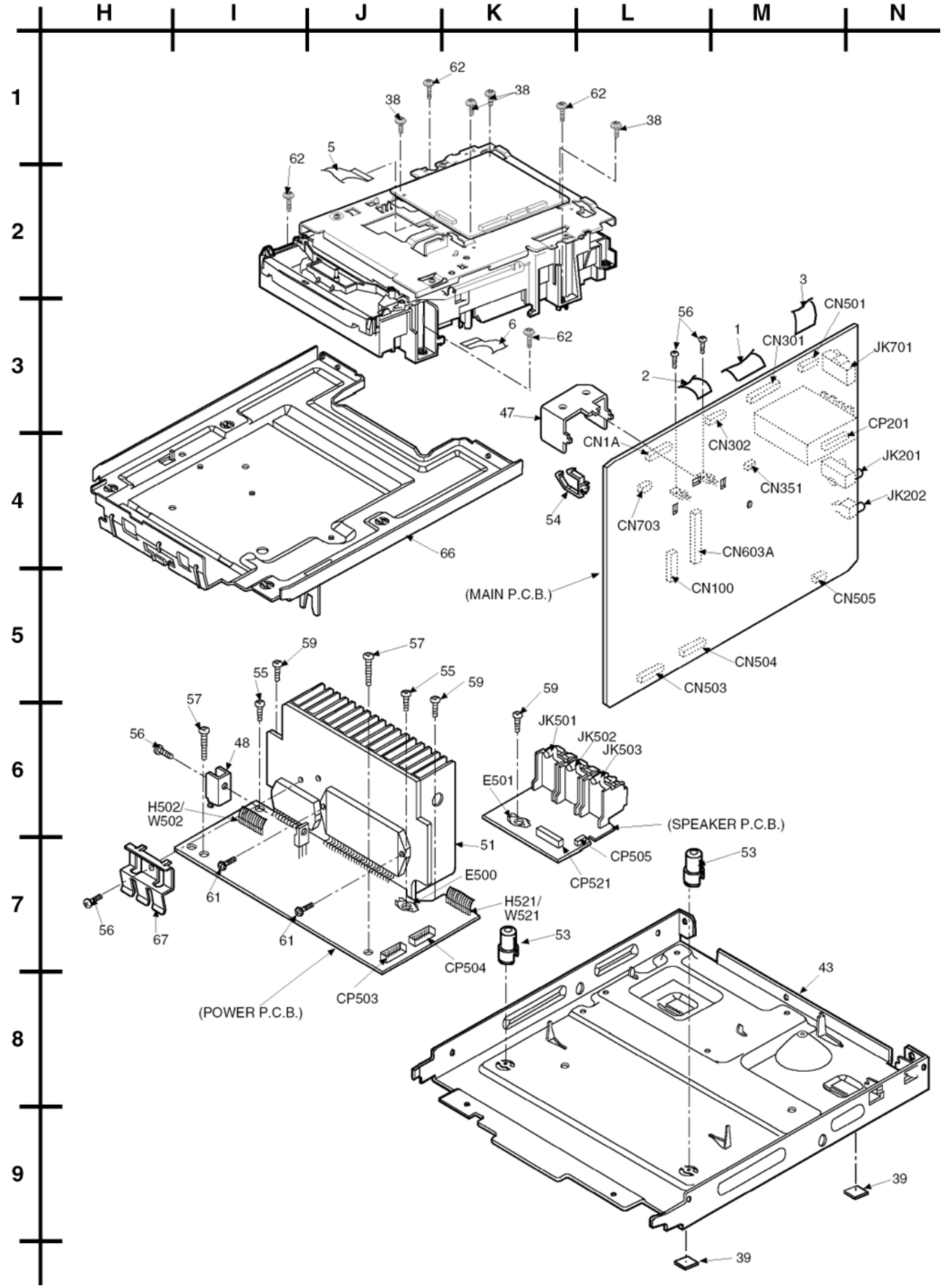
16.2.2. CD Loading Mechanism Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		TRAVERSE DECK	
301	RML0517	TIMING LEVER	[M]
302	RML0516	PLUNGER LEVER	[M]
303	RMB0551	UPPER SPINDLE SPRING	[M]
304	RMQ0744	LOWER HOOK	[M]
305	RDV0056	BELT	[M]
306	RML0525	FRONT LOCK	[M]
307	RML0526	DISC LEVER	[M]
308	RDG0424	DRIVE GEAR	[M]
309	RDG0425	CHANGE GEAR	[M]
310	RDG0427	TRV CAM GEAR	[M]
311	RDG0428	TRV RELAY GEAR	[M]
312	RDG0426	UP/DOWN GEAR	[M]
313	RDG0429	PULLEY GEAR	[M]
314	RMB0549-1	CHANGR GEAR SPRING	[M]
315	RMQ0748	PITCH PLATE	[M]
316	RMB0553	PUSH SPRING	[M]
317	RML0530	ASSIST LEVER	[M]
318	RML0518	CONNECTION LEVER	[M]
319	RMM0201	SLIDE PLATE 1	[M]
320	RME0258	REAR LOCK SPRING	[M]
321	RML0521	REAR LOCK LEVER	[M]
322	RME0257	TRAY LOCK LEVER SPRI	[M]
323	RML0520	TRAY LOCK	[M]
324	RMM0202	SLIDE PLATE 2	[M]
325	XTB3+10J	SCREW	[M]
326	RMR1367-K	FIXED PLATE	[M]
327	RMR0624-W	CLAMPER	[M]
328	RMB0561	ASSIST LEVER SPRING	[M]
329	RMR1121-K	MECHA COVER	[M]
330	RMA1110-2	TRAY ANGLE	[M]
331	RMR1122-H1	TRAYBASE	[M]
332	RMM0204	CARRIER	[M]
333	RMM0203	DRIVE RACK	[M]
334	RDG0432	SPEED UP GEAR	[M]
335	RML0524	SLIDE LOCK	[M]
336	RML0523	CARRIER LOCK	[M]
337	RME0260-1	SLIDE LOCK SPRING	[M]
338	RMR1123-H	TRAY	[M]
339	RXQ0595	MOTOR ASSY	[M]
341	RSJ0003	SOLENOLD ASSY	[M]
344	RML0519	8CD LEVER	[M]
345	RFKNAAK27GCS	MECHA BASE ASS'Y	[M]
346	RML0522	TURNING STOPPER	[M]
347	RMQ0745	LOWER SPINDLE	[M]
348	RMQ0746	UP/DOWN BASE	[M]
349	RMB0550	LOWER SPINDLE SP	[M]
350	RMQ0747	UPPER HOOK	[M]
351	RME0263	CLICK SPRING	[M]
352	RMQ0743	SPINDLE SHAFT	[M]
353	RMB0552	CUSHION SPRING	[M]
354	RDG0430	RELAY GEAR A	[M]
355	RDG0431	RELAY GEAR B	[M]
356	RME0262	DISK LEVER SP.	[M]
357	RMA1105	SUPPORT PLATE	[M]
369	RMX0141	PUSH SPACER	[M]
370	RMQ0749	UPPER SPINDLE	[M]
371	RHM0001	MAGNET	[M]
372	RMX0140	DISC SPACER	[M]
373	RME0261	FRONT LOCK SPRING	[M]
374	RMQ0742	SPINDLE BASE	[M]
375	RMA1435	PB ANGLE	[M]
376	RMC0387	SUPPORT SPRING	[M]
377	RMA1003	BACK YOKE	[M]
378	XTV2+6G	PCB SCREW	[M]
379	XTW3+10T	SCREW	[M]
400	RAE1805Z-S	TRV BASE UNIT	[M]
401	RMG0558-K	P.C.B. RUBBER	[M]
402	XTW2+8P	PCB SCREW	[M]
403	RDG0499	TRV GEAR A	[M]
404	RDG0500	TRV GEAR B	[M]
405	RDG0501	TRV GEAR C	[M]
406	RHD17028	RACK SCREW	[M]
407	RHD17029	SHAFT ADJUST SCREW	[M]
409	RMC0415	ADJUST SPRING HOLDER	[M]
410	RMC0416	ADJUST SPRING HOLDER	[M]
411	RME0317	PRESS SPRING	[M]
412	RME0319	TRV GEAR SPRING	[M]
413	RME0320	ADJUSTMENT SPRING	[M]
414	RMM0234-1	TRV DRIVE RACK	[M]
415	RMR1366-K	UNIT CHASSIS	[M]
416	RMG0545-A	FLOATING RUBBER	[M]
417	RMS0711	GUIDE SHAFT	[M]
418	RMS0712-1	FIXED PIN	[M]
419	RMX0192	INNER STOPPER	[M]
420	RXQ0731	OPU UNIT	[M]
421	VHD1224	ADJ SPRING HOLDER SC	[M]
422	XQN17+C28	MOTOR SCREW	[M]

16.3. Cabinet

16.3.1. Cabinet Parts Location

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CN501
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CN301
JK701
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CP201
CN1A
CN302
JK201
CN351
JK202
CN703
CN603A
CN100
CN505
(MAIN P.C.B.)
CN504
CN503
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57
55
48
H502/
W502
51
E500
H521/
W521
61
67
CP504
CP503
(POWER P.C.B.)
JK501
JK502
JK503
E501
(SPEAKER P.C.B.)
CP505
CP521
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43
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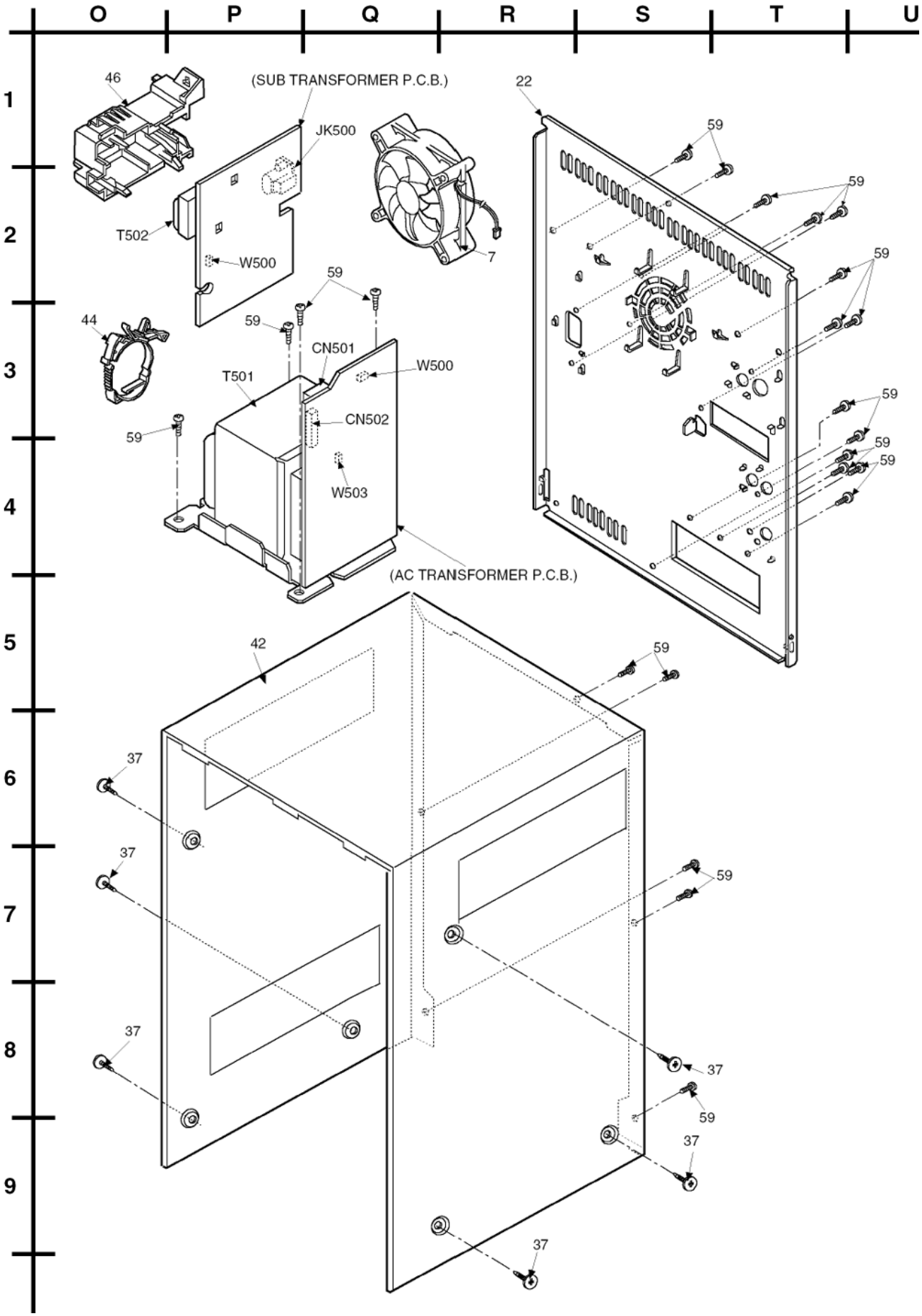
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(SUB TRANSFORMER P.C.B.)
JK500
T502
W500
7
22
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CN501
T501
CN502
W503
(AC TRANSFORMER P.C.B.)
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16.3.2. Cabinet Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET AND CHASSIS	
1	REE1074-1	15P FFC WIRE	[M]
2	REE1075	17P FFC WIRE	[M]
3	REE1076-1	26P FFC WIRE	[M]
4	REE1077-1	30P FFC WIRE	[M]
5	REE1078-J	50P FFC	[M]
6	REE1112	14P FFC WIRE	[M]
7	REM0072-3	FAN	[M]
8	RGB0124-S	DVD BADGE	[M]
9	RGC0028-W	REFLECTION PLATE	[M]
10	RGK1342-Q	TOP ORNAMENT	[M]
11	RGK1343-Q	CD LID ORNAMENT	[M]
12	RGK1344-Q	PANEL ORNAMENT	[M]
13	RGK1345-Q	CASS ORNAMENT	[M]
14	RGK1346-S	CD LID	[M]
15	RGK1348-V	FL FILTER	[M]
16	RGK1349-Q	LED COVER	[M]
17	RGK1375-S	FL SHEET	[M]
18	RGK1376-W	BADGE FILTER	[M]
19	RGL0538-W	LIGHTING CHIP	[M]
20	RGL0539-W	DISC LIGHTING CHIP	[M]
21	RGP0846-S2	FRONT PANEL	[M]
22	RGR0307A-A2	REAR PANEL	[M]P
22	RGR0307A-B1	REAR PANEL	[M]PC
24	RGU1955-S	POWER BUTTON	[M]
25	RGU1956-S	DISC BUTTON	[M]
26	RGU1957-S	MAIN BUTTON	[M]
27	RGU1958-S	REC BUTTON	[M]
28	RGU1959-S	OPEN/CLOSE BUTTON	[M]
29	RGU1960-S	DEMO BUTTON	[M]
30	RGU1961-Q	FUNCTION BUTTON	[M]
31	RGU1962-Q	DPL BUTTON	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
32	RGU1977A-Q	EQ BUTTON	[M]
33	RGU1977A-S	EQ BUTTON	[M]
34	RGW0361-S	MAIN VOL. KNOB	[M]
37	RHD30002-H	SCREW	[M]
38	RHD30078	SCREW	[M]
39	RKA0059-K	LEG RUBBER	[M]
40	RKF0585-K2J	CASS. HOLDER (L)	[M]
41	RKF0615-S	CASSETTE LID	[M]
42	RKM0433-S	TOP CABINET	[M]
43	RMK0479-1	BOTTOM CHASSIS	[M]
44	RMR1350-K	WIRE CLIP	[M]
46	RMNX0029C-A	SUB TRANS HOLDER	[M]
47	RMY0241	SUB HEAT SINK	[M]
48	RMY0285	SMALL HEAT SINK	[M]
50	RXG0049	DAMPER GEAR UNIT	[M]
51	RXX0234	HEAT SINK UNIT	[M]
52	RYQ0351-Q	CINEMA BTN UNIT	[M]
53	SHE187-6J	PCB SUPPORT	[M]
54	SHR301	LEAD CLAMPER	[M]
55	XTB3+10J	SCREW	[M]
56	XTB3+10JFZ	SCREW	[M]
57	XTB3+20J	SCREW	[M]
58	XTBS26+10J	SCREW	[M]
59	XTBS3+8JFZ1	SCREW	[M]
61	XTW3+15T	SCREW	[M]
62	XTW3+8T	SCREW	[M]
63	RUS757ZAA	CASSETTE HALF SPRING	[M]
64	RGQ0319-W	FUNCTION LIGHT SHEET	[M]
65	RMQ1042	CD LID SPACER	[M]
66	RMK0480-1	CD CHASSIS	[M]
67	RMC0432	REGULATOR CLAMPER	[M]
68	RMR047	CASS OPEN SPRING	[M]

16.4. Electrical Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		PRINTED CIRCUIT BOARD	
	REP3098K	DVD BACKEND MODULE (1/2) P.C.B.	[M](RTL)
	REP3098K	DVD BACKEND MODULE (2/2) P.C.B.	[M](RTL)
	REP3091A-N	DVD F/E MODULE (1/2) P.C.B.	[M](RTL)
	REP3091A-N	DVD F/E MODULE (2/2) P.C.B.	[M](RTL)
	REP3076A	MAIN P.C.B.	[M](RTL)
	REP3075A	PANEL P.C.B.	[M](RTL)
	REP3079A	DECL P.C.B.	[M](RTL)
	REPX0101	DECK MECHANISM P.C.B.	[M](RTL)
	REP3077A	POWER P.C.B.	[M](RTL)
	REP3078A	SPEAKER P.C.B.	[M](RTL)
	REP3075A	LED P.C.B.	[M](RTL)
	REP3075A	HEADPHONE P.C.B.	[M](RTL)
	REP2578A-N	CD LOADING P.C.B.	[M](RTL)
	REP2578A-N	CD DETACT P.C.B.	[M](RTL)
	REP2578A-N	SPINDLE POSITION P.C.B.	[M](RTL)
	REP3078A	AC TRANSFORMER P.C.B.	[M](RTL)
	REP3078A	SUB-TRANSFORMER P.C.B.	[M](RTL)
	REP3075A	TACT SWITCH (1) P.C.B.	[M](RTL)
	REP3075A	TACT SWITCH (2) P.C.B.	[M](RTL)
	RAN0004MM-2	TUNER PACK	[M](RTL)
		INTEGRATED CIRCUITS	
IC1	TA7291P	IC DRIVE	[M]
IC201	NJU7313AMT2	IC SELECTOR	[M]
IC202	M5218AFPE3	IC OP AMP	[M]
IC203	M5218AP	IC OP AMP	[M]
IC204	M62456FPE1	IC BTL	[M]
IC205	M62444FPE1	IC 4CH VOL	[M]
IC206	BU4053BCFE2	IC ANALOG SW	[M]
IC301	M5228FPE1	IC QUAD OP AMP	[M]
IC451	C2BBFD000307	IC MECHAN CONTROL	[M]
IC453	C2BBFD000308	IC DSP	[M]
IC501	RSN311W64B-P	IC HIC	[M] ⚠
IC503	STK470-050A	IC HIC	[M] ⚠
IC601	C2BBGF000280	IC MICRO-CONTROLLER	[M]
IC602	M62457AFPE1	IC SPECTRUM ANALYSER	[M]
IC603	BU2090AF-E2	IC I/O EXPANDER	[M]
IC604	BU2090AF-E2	IC I/O EXPANDER	[M]
IC702	PQ1CZ31H2ZP	IC REGULATOR	[M] ⚠
IC703	LM2940T5M	IC REGULATOR	[M] ⚠
IC705	M5228FPE1	IC QUAD OP AMP	[M]
IC706	M5228FPE1	IC QUAD OP AMP	[M]
IC801	C2HBZC000011	IC BH	[M]
IC971	0N2180RLC1	IC PHOTO INTERRUPTER	[M]
IC1000	BA7755A	IC SW ANALOG	[M]
IC1001	AN7326K	IC REC/PB	[M]
IC2001	MN67706EC	IC DIGITAL SWITCH CONTROL	[M]
IC2501	C0GBG0000020	IC MOTOR DRIVE	[M]
IC3001	MN677533MP	IC AV DEC	[M]
IC3051	PQ018EZ01ZP	IC REG	[M] ⚠
IC3061	KM416S1DTG8T	IC SD RAM	[M]
IC3091	C0CBCBD00002	IC REGULATOR	[M] ⚠
IC3301	C1AB00001393	IC VIDEO BUFFER	[M]
IC4211	C0FBBK000021	IC 6CH AUDIO D/A CONVERTER	[M]
IC5201	AN8708FHK	IC FEP	[M]
IC6201	MN102H60GFA	IC CPU	[M]
IC6221	C0JBAA000001	IC INVERTER	[M]
IC6222	C0JBAA000001	IC INVERTER	[M]
IC6251	C0CBCBE00001	IC VIDEO	[M]
IC6301	PST596JNR	IC RESET	[M]
IC6302	RFKFRV45C040	IC 4M FLASH ROM	SPC
IC6303	C3EBEC000024	IC EE. PROM	[M]
IC6501	C1DB00000582	IC CLK	[M]
IC7001	MN103S13BGA	IC CPU	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
		TRANSISTORS	
Q1	RVTDTC143EST	TRANSISTOR	[M]
Q201	IMX9T110	TRANSISTOR	[M]
Q202	2SA1037AKSTX	TRANSISTOR	[M]
Q203	2SA1037AKSTX	TRANSISTOR	[M]
Q204	IMX9T110	TRANSISTOR	[M]
Q205	2SA1037AKSTX	TRANSISTOR	[M]
Q301	IMX9T110	TRANSISTOR	[M]
Q302	IMX9T110	TRANSISTOR	[M]
Q306	2SA1037AKSTX	TRANSISTOR	[M]
Q351	KTA12710YTA	TRANSISTOR	[M]
Q352	2SC2412KT96R	TRANSISTOR	[M]
Q353	2SC2412KT96R	TRANSISTOR	[M]
Q354	2SC2412KT96R	TRANSISTOR	[M]
Q373	2SC2412KT96R	TRANSISTOR	[M]
Q374	DTC114TKA146	TRANSISTOR	[M]
Q375	2SA1037AKSTX	TRANSISTOR	[M]
Q381	2SB1417PQTA	TRANSISTOR	[M]
Q382	2SC2412KT96R	TRANSISTOR	[M] ⚠
Q383	2SB621ARSTA	TRANSISTOR	[M]
Q384	2SC2412KT96R	TRANSISTOR	[M] ⚠
Q385	DTA114EKA146	TRANSISTOR	[M]
Q451	2SB621ARSTA	TRANSISTOR	[M]
Q452	DTC114YKA146	TRANSISTOR	[M]
Q501	KTC3199GRTA	TRANSISTOR	[M]
Q502	KTC3199GRTA	TRANSISTOR	[M]
Q503	KTC3199GRTA	TRANSISTOR	[M]
Q505	KTC3199GRTA	TRANSISTOR	[M]
Q506	KRA102MTA	TRANSISTOR	[M] ⚠
Q576	KTC2026	TRANSISTOR	[M] ⚠
Q580	2SB621ARSTA	TRANSISTOR	[M] ⚠
Q591	KTC3199GRTA	TRANSISTOR	[M] ⚠
Q592	2SC3940AQSTA	TRANSISTOR	[M] ⚠
Q594	KRC102MTA	TRANSISTOR	[M]
Q601	KRC103STA	TRANSISTOR	[M]
Q608	2SB621ARSTA	TRANSISTOR	[M]
Q609	DTC114EKA146	TRANSISTOR	[M]
Q610	2SA1037AKSTX	TRANSISTOR	[M]
Q701	DTA114EKA146	TRANSISTOR	[M] ⚠
Q702	DTC114YKA146	TRANSISTOR	[M] ⚠
Q703	KTA1046YU	TRANSISTOR	[M] ⚠
Q704	2SC2412KT96R	TRANSISTOR	[M] ⚠
Q705	2SA1037AKSTX	TRANSISTOR	[M]
Q706	DTC114YKA146	TRANSISTOR	[M]
Q708	KTA1046YTU	TRANSISTOR	[M] ⚠
Q709	2SD2114K1V	TRANSISTOR	[M]
Q710	2SB621ARSTA	TRANSISTOR	[M] ⚠
Q711	2SC2412KT96R	TRANSISTOR	[M]
Q712	2SB621ARSTA	TRANSISTOR	[M] ⚠
Q713	2SC2412KT96R	TRANSISTOR	[M]
Q714	DTA114EKA146	TRANSISTOR	[M]
Q715	DTC114YKA146	TRANSISTOR	[M]
Q716	IMX9T110	TRANSISTOR	[M]
Q718	IMX9T110	TRANSISTOR	[M]
Q719	IMX9T110	TRANSISTOR	[M]
Q805	2SC2412KT96R	TRANSISTOR	[M]
Q1101	2SD2114K1V	TRANSISTOR	[M]
Q1201	2SD2114K1V	TRANSISTOR	[M]
Q1302	DTA114EKA146	TRANSISTOR	[M]
Q1303	DTC143XKA146	TRANSISTOR	[M]
Q1304	DTA143XKA146	TRANSISTOR	[M]
Q1305	DTC114EKA146	TRANSISTOR	[M]
Q1306	2SC2412KT96R	TRANSISTOR	[M]
Q1307	2SC2412KT96R	TRANSISTOR	[M]
Q1308	DTC144TKA146	TRANSISTOR	[M]
Q1309	2SD2144STA	TRANSISTOR	[M]
Q1310	2SD2144STA	TRANSISTOR	[M]
Q1312	2SC2412KT96R	TRANSISTOR	[M]
Q1313	2SC2784FTA	TRANSISTOR	[M]
Q1314	DTA143XKA146	TRANSISTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
Q1315	KTA12710YTA	TRANSISTOR	[M]
Q1316	2SD965RTA	TRANSISTOR	[M]
Q1317	2SD2114K1V	TRANSISTOR	[M]
Q5211	2SB1115-T	TRANSISTOR	[M]
Q5215	2SB1115-T	TRANSISTOR	[M]
QR3301	UN5212TX	CHIP TRANSISTOR	[M]
QR5251	UN2121-TX	CHIP TRANSISTOR	[M]
QR6301	UN5212TX	CHIP TRANSISTOR	[M]
		DIODES	
D2	MTZJ4R7BTA	DIODE	[M]
D201	1SS355TE17	DIODE	[M]
D202	1SS355TE17	DIODE	[M]
D203	UDZSTE175R1B	DIODE	[M]
D216	UDZSTE175R1B	DIODE	[M]
D315	1SS355TE17	DIODE	[M]
D317	1SS355TE17	DIODE	[M]
D351	DAP202KT146	DIODE	[M]
D371	DAP202KT146	DIODE	[M]
D373	1SS355TE17	DIODE	[M]
D381	DA204KT146	DIODE	[M]
D383	DA204KT146	DIODE	[M]
D385	RL1N4003N02	DIODE	[M]
D386	UDZSTE175R1B	DIODE	[M]
D401	1SS355TE17	DIODE	[M]
D451	RL1N4003N02	DIODE	[M]
D454	RL1N4003N02	DIODE	[M]
D456	RL1N4003N02	DIODE	[M]
D500	RVD1SS133TA	DIODE	[M]
D501	RK306LFU1	DIODE	[M]
D502	RK306LFU1	DIODE	[M]
D503	RVD1SS133TA	DIODE	[M]
D551	1D3E	DIODE	[M] ⚠
D552	1D3E	DIODE	[M] ⚠
D553	1D3E	DIODE	[M] ⚠
D554	1D3E	DIODE	[M] ⚠
D561	1N5402BM21	DIODE	[M] ⚠
D562	1N5402BM21	DIODE	[M] ⚠
D563	1N5402BM21	DIODE	[M] ⚠
D565	1N5402BM21	DIODE	[M] ⚠
D566	1N5402BM21	DIODE	[M] ⚠
D568	1N5402BM21	DIODE	[M] ⚠
D569	1D3E	DIODE	[M]
D570	1D3E	DIODE	[M]
D572	1D3E	DIODE	[M]
D573	RVD1SS133TA	DIODE	[M]
D579	MTZJ9R1CTA	DIODE	[M]
D580	MTZJ16ATA	DIODE	[M]
D581	1D3E	DIODE	[M] ⚠
D582	1D3E	DIODE	[M] ⚠
D583	1D3E	DIODE	[M] ⚠
D584	1D3E	DIODE	[M] ⚠
D585	1D3E	DIODE	[M] ⚠
D586	1D3E	DIODE	[M] ⚠
D587	MTZJ30BTA	DIODE	[M]
D591	1D3E	DIODE	[M]
D592	1D3E	DIODE	[M]
D594	1D3E	DIODE	[M]
D595	MTZJ6R8ATA	DIODE	[M]
D596	MA700ATA	DIODE	[M]
D601	LNJ201LPQJA	DIODE	[M]
D615	SLR325MCT31W	DIODE	[M]
D616	SLR325MCT31W	DIODE	[M]
D617	SLR325MCT31W	DIODE	[M]
D618	SLR325MCT31W	DIODE	[M]
D619	SLR325MCT31W	DIODE	[M]
D620	SELS5923C	DIODE	[M]
D621	SLR325MCT31W	DIODE	[M]
D622	SLR325MCT31W	DIODE	[M]
D623	SLR325MCT31W	DIODE	[M]
D624	SLR325MCT31W	DIODE	[M]
D627	SLR325MCT31W	DIODE	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
D628	SLR325MCT31W	DIODE	[M]
D629	SLR325MCT31W	DIODE	[M]
D630	SELS5923C	DIODE	[M]
D631	SLR325MCT31W	DIODE	[M]
D632	SLR325MCT31W	DIODE	[M]
D633	SLR325MCT31W	DIODE	[M]
D634	SLR325MCT31W	DIODE	[M]
D635	SLR325MCT31W	DIODE	[M]
D637	SLR325MCT31W	DIODE	[M]
D640	MA729TX	DIODE	[M]
D652	1SS380TE-17	DIODE	[M]
D653	1SS380TE-17	DIODE	[M]
D654	1SS355TE17	DIODE	[M]
D656	1SS355TE17	DIODE	[M]
D658	MA8047MTX	DIODE	[M]
D701	RL1N4003N02	DIODE	[M] ⚠
D702	RL1N4003N02	DIODE	[M] ⚠
D703	RL1N4003N02	DIODE	[M] ⚠
D704	RL1N4003N02	DIODE	[M] ⚠
D705	DA204KT146	DIODE	[M]
D706	1SS355TE17	DIODE	[M]
D707	1SS355TE17	DIODE	[M]
D708	1SS355TE17	DIODE	[M]
D709	1SS355TE17	DIODE	[M]
D711	SFPB-72V	DIODE	[M]
D712	DA204KT146	DIODE	[M]
D713	1SS355TE17	DIODE	[M]
D714	DA204KT146	DIODE	[M]
D715	1SS355TE17	DIODE	[M]
D716	DA204KT146	DIODE	[M]
D718	UDZSTE177R5B	DIODE	[M]
D720	RL1N4003N02	DIODE	[M]
D727	UDZSTE179R1B	DIODE	[M]
D728	UDZSTE175R1B	DIODE	[M]
D729	1SS355TE17	DIODE	[M]
D730	1SS355TE17	DIODE	[M]
D971	MA165TA	DIODE	[M]
D1301	1SS355TE17	DIODE	[M]
D2001	MA111TX	DIODE	[M]
D3091	MA111TX	DIODE	[M]
D5251	MA728TX	DIODE	[M]
D6301	MA728TX	DIODE	[M]
LB2001	JALBK2HS470T	CHIP INDUCTOR	[M]
LB2002	JALBK2HS470T	CHIP INDUCTOR	[M]
LB2003	VLP0323A601R	CHIP INDUCTOR	[M]
LB2004	VLP0323A601R	CHIP INDUCTOR	[M]
LB2005	VLP0323A601R	CHIP INDUCTOR	[M]
LB2006	VLP0323A601R	CHIP INDUCTOR	[M]
LB2007	VLP0323A601R	CHIP INDUCTOR	[M]
LB2008	VLP0323A601R	CHIP INDUCTOR	[M]
LB2009	VLP0323A601R	CHIP INDUCTOR	[M]
LB2010	VLP0323A601R	CHIP INDUCTOR	[M]
LB2011	VLP0323A601R	CHIP INDUCTOR	[M]
LB2012	VLP0323A601R	CHIP INDUCTOR	[M]
LB2013	VLP0323A601R	CHIP INDUCTOR	[M]
LB2014	VLP0323A601R	CHIP INDUCTOR	[M]
LB2015	VLP0323A601R	CHIP INDUCTOR	[M]
LB2016	VLP0323A601R	CHIP INDUCTOR	[M]
LB2017	VLP0323A601R	CHIP INDUCTOR	[M]
LB2018	VLP0323A601R	CHIP INDUCTOR	[M]
LB2019	VLP0323A601R	CHIP INDUCTOR	[M]
LB2020	VLP0323A601R	CHIP INDUCTOR	[M]
LB2021	VLP0323A601R	CHIP INDUCTOR	[M]
LB2022	VLP0323A601R	CHIP INDUCTOR	[M]
LB2023	VLP0323A601R	CHIP INDUCTOR	[M]
LB2024	VLP0323A601R	CHIP INDUCTOR	[M]
LB2025	VLP0323A601R	CHIP INDUCTOR	[M]
LB2026	VLP0323A601R	CHIP INDUCTOR	[M]
LB2027	VLP0323A601R	CHIP INDUCTOR	[M]
LB2028	VLP0323A601R	CHIP INDUCTOR	[M]
LB2029	VLP0323A601R	CHIP INDUCTOR	[M]
LB2030	VLP0323A601R	CHIP INDUCTOR	[M]
LB2031	VLP0323A601R	CHIP INDUCTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
LB2032	VLP0323A601R	CHIP INDUCTOR	[M]
LB2033	VLP0323A601R	CHIP INDUCTOR	[M]
LB2034	VLP0323A601R	CHIP INDUCTOR	[M]
LB2035	VLP0323A601R	CHIP INDUCTOR	[M]
LB3001	JALBK2HS470T	CHIP INDUCTOR	[M]
LB3002	JALBK2HS470T	CHIP INDUCTOR	[M]
LB3202	VLP0323A601R	CHIP INDUCTOR	[M]
LB3203	VLP0323A601R	CHIP INDUCTOR	[M]
LB3204	VLP0323A601R	CHIP INDUCTOR	[M]
LB3206	VLP0155-T	CHIP BEAD	[M]
LB3207	VLP0155-T	CHIP BEAD	[M]
LB3301	VLP0155-T	CHIP BEAD	[M]
LB3302	VLP0155-T	CHIP BEAD	[M]
LB3303	VLP0155-T	CHIP BEAD	[M]
LB3304	VLP0155-T	CHIP BEAD	[M]
LB3305	VLP0155-T	CHIP BEAD	[M]
LB4200	VLP0323A601R	CHIP INDUCTOR	[M]
LB4201	VLP0323A601R	CHIP INDUCTOR	[M]
LB4207	VLP0323A601R	CHIP INDUCTOR	[M]
LB4208	VLP0323A601R	CHIP INDUCTOR	[M]
LB4209	VLP0323A601R	CHIP INDUCTOR	[M]
LB4210	VLP0323A601R	CHIP INDUCTOR	[M]
LB4211	VLP0323A601R	CHIP INDUCTOR	[M]
LB4212	VLP0323A601R	CHIP INDUCTOR	[M]
LB4213	VLP0323A601R	CHIP INDUCTOR	[M]
LB4214	VLP0323A601R	CHIP INDUCTOR	[M]
LB4215	VLP0323A601R	CHIP INDUCTOR	[M]
LB4216	VLP0323A601R	CHIP INDUCTOR	[M]
LB4217	VLP0323A601R	CHIP INDUCTOR	[M]
LB5201	JALBK2HS470T	CHIP INDUCTOR	[M]
LB5202	VLP0323A601R	CHIP INDUCTOR	[M]
LB5203	VLP0155-T	CHIP BEAD	[M]
LB5204	VLP0155-T	CHIP BEAD	[M]
LB5205	VLP0323A601R	CHIP INDUCTOR	[M]
LB5206	VLP0323A601R	CHIP INDUCTOR	[M]
LB6201	VLP0323A601R	CHIP INDUCTOR	[M]
LB6202	VLP0155-T	CHIP BEAD	[M]
LB6221	VLP0323A601R	CHIP INDUCTOR	[M]
LB6501	VLP0323A601R	CHIP INDUCTOR	[M]
LB6502	VLP0323A601R	CHIP INDUCTOR	[M]
LB6512	VLP0155-T	CHIP BEAD	[M]
LB6513	VLP0323A601R	CHIP INDUCTOR	[M]
LB6514	VLP0155-T	CHIP BEAD	[M]
LB6515	VLP0157-T	CHIP INDUCTOR	[M]
LB7001	JALBK2HS470T	CHIP INDUCTOR	[M]
LB7002	JALBK2HS470T	CHIP INDUCTOR	[M]
		VARIABLE RESISTORS	
VR601	EVEKE2F3024B	VOL. JOG	[M]
		SWITCHES	
S601	EVQ21405R	SW DPL	[M]
S602	EVQ21405R	SW SSS	[M]
S603	EVQ21405R	SW 3D AI	[M]
S604	EVQ21405R	SW PRESET EQ	[M]
S605	EVQ21405R	SW AMAZING	[M]
S606	EVQ21405R	SW SUPER WOOFER	[M]
S607	EVQ21405R	SW TAPE EJECT	[M]
S610	EVQ21405R	SW REV MODE	[M]
S611	EVQ21405R	SW REC/STOP	[M]
S612	EVQ21405R	SW DISPLAY/DEMO	[M]
S613	EVQ21405R	SW CLOCK/TIMER	[M]
S614	EVQ21405R	SW PLAY/REC	[M]
S615	EVQ21405R	SW SELECTOR	[M]
S616	EVQ21405R	SW TUNE MODE	[M]
S617	EVQ21405R	SW DVD/CD	[M]
S618	EVQ21405R	SW TUNER	[M]
S619	EVQ21405R	SW TAPE	[M]
S620	EVQ21405R	SW VOLUME -	[M]
S621	EVQ21405R	SW VOLUME +	[M]
S622	EVQ21405R	SW MEMORY	[M]
S623	EVQ21405R	SW POWER	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
S625	EVQ21405R	SW CD MANAGER	[M]
S626	EVQ21405R	SW DISC 1	[M]
S627	EVQ21405R	SW DISC 2	[M]
S628	EVQ21405R	SW DISC 3	[M]
S629	EVQ21405R	SW DISC 4	[M]
S630	EVQ21405R	SW DISC 5	[M]
S631	EVQ21405R	SW CINEMA	[M]
S632	EVQ21405R	SW OPEN/CLOSE	[M]
S971	RSH1A018-3U	MODE SWITCH	[M]
S972	RSH1A019-2U	SW HALF	[M]
S973	RSH1A019-2U	SW CR02	[M]
S974	RSH1A019-2U	SW RECINH_R	[M]
S975	RSH1A019-2U	SW RECINH_F	[M]
		SWITCHES	
SW1	RSH1A032-U	SW PUSH	[M]
SW2	RSH1A032-U	SW PUSH	[M]
SW3	RSH1A005-1U	SWITCH	[M]
SW4	RSH1A91ZA-A	SW CD	[M]
SW5	RSP1A017-A	SW LOCK	[M]
SW2501	RSH1A048-A	SW	[M]
		CONNECTORS	
CN1	RJS1A9414	FF CONNECTOR	[M]
CN1A	RJS1A9414-1	14P CONNECTOR	[M]
CN100	RJS1A5209	9P MOLEX	[M]
CN301	RJS2A7726	FFC CONNECTOR	[M]
CN302	RJS2A7717	FFC CONNECTOR	[M]
CN351	RJP2G4YA	CONNECTOR	[M]
CN501	RJP6G18ZA	SOCKET	[M]
CN501	RJS2A7715	FFC CONNECTOR	[M]
CN502	RJP12G4YA	CONNECTOR	[M]
CN503	RJU057G10	10P P2 MQ CONNECTOR	[M]
CN504	RJU057G10	10P P2 MQ CONNECTOR	[M]
CN505	RJU057W004	4P SOCKET	[M]
CN601	RJS2A8430	CONNECTOR	[M]
CN602A	RJT066H10G	CONNECTOR	[M]
CN602B	RJU066H10M	10 B-B	[M]
CN603A	RJS2A8030	30P CONNECTOR	[M]
CN700	RJP2G17ZA	CONNECTOR	[M]
CN703	RJT029W03VT	2.5MM CONNECTOR	[M]
CN1303	RJS9T7ZA	9P DECK TO MAIN	[M]
CP201	RJT100W11	11P CONNECTOR	[M]
CP503	RJT057G10	10P P2 MQ CONNECTOR	[M]
CP504	RJT057G10	10P P2 MQ CONNECTOR	[M]
CP505	RJT057W004-1	4P CONNECTOR	[M]
CP521	RJP10G4YA	10P CONNECTOR	[M]
CP1301	RJS1A6805-J	5P CONNECTOR SOCKET	[M]
CP1902	RJT071K09A	9P B/B CONNECTOR	[M]
CS971	RJU071H09M1	CONNECTOR	[M]
		COILS & TRANSFORMERS	
L303	RLQB470JTD-D	RF CHOKE COIL	[M]
L451	RLQB100JTD-D	INDUCTOR	[M]
L452	RLQB100JTD-D	INDUCTOR	[M]
L453	RLQB100JTD-D	INDUCTOR	[M]
L500	RLQZ371	LINE FILTER	[M] ⚠
L601	RLBN102V-Y	CHIP INDUCTOR	[M]
L602	RLBN102V-Y	CHIP INDUCTOR	[M]
L604	RLBV252AV-Y	LINE COIL	[M]
L605	RLBV252AV-Y	LINE COIL	[M]
L606	RLBV252AV-Y	LINE COIL	[M]
L607	RLBV252AV-Y	LINE COIL	[M]
L701	RLL500050T-Y	RF CHOKE COIL	[M]
L703	RLL500050T-Y	RF CHOKE COIL	[M]
L704	RLL500050T-Y	RF CHOKE COIL	[M]
L705	RLL500050T-Y	RF CHOKE COIL	[M]
L712	RLQX101M-T	COIL	[M]
L801	RLBN102V-Y	CHIP INDUCTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
L803	RLBN102V-Y	CHIP INDUCTOR	[M]
L805	RLL500050T-Y	RF CHOKE COIL	[M]
L807	RLQB100JTD-D	INDUCTOR	[M]
L808	RLQB100JTD-D	INDUCTOR	[M]
L809	RLBN102V-Y	CHIP INDUCTOR	[M]
L1301	7L1A62N	BIAS OSC COIL	[M]
L2001	G1C100KA0019	CHIP INDUCTOR	[M]
L2002	G1C100KA0019	CHIP INDUCTOR	[M]
L2003	G1C100KA0008	CHIP INDUCTOR	[M]
L3091	G1C100KA0008	CHIP INDUCTOR	[M]
L3301	G1C220K00011	CHIP INDUCTOR	[M]
L4211	G1C220K00011	CHIP INDUCTOR	[M]
L5201	ELJEA100KF	CHIP INDUCTOR	[M]
L5202	ELJEA100KF	CHIP INDUCTOR	[M]
L5251	ELJEA100KF	CHIP INDUCTOR	[M]
L6501	G1C220JA0010	CHIP INDUCTOR	[M]
L6502	ELJFC220KF	CHIP INDUCTOR	[M]
T501	ETP76VQT21HA	POWER TRANSFORMER	[M] ⚠
T502	RTP1H3E002	BACK UP TRANSFORMER	[M] ⚠
		COMPONENT COMBINATIO	
Z501	ERZV10V511CS	ZENER	[M] ⚠
Z601	RCDRPM6937V4	REMOTE SENSOR	[M]
Z971	EXBF7L355SYV	RADA RESISTOR	[M]
		RELAY	
RLY502	RSY0040M-0	PRIMARY RELAY	[M] ⚠
		OSCILLATORS	
X451	RSXY8M00D01T	CERAMIC RESONATOR	[M]
X452	RSXY8M00D01T	CERAMIC RESONATOR	[M]
X601	RSXD32K7S02	CRYSTAL OSCILLATOR	[M]
X602	H2B400400013	CRYSTAL OSCILLATOR	[M]
X801	RSXZ36M8M01T	CERAMIC RESONATOR	[M]
X6501	VSX1044	CRYSTAL OSCILLATOR	[M]
		DISPLAY TUBE	
FL601	RSL0311-F	FL	[M]
FL4201	VLF1505M105T	CHIP FILTER	[M]
FL6251	VLF1505M105T	CHIP FILTER	[M]
FL6253	VLF1505M105T	CHIP FILTER	[M]
FL6254	VLF1505M105T	CHIP FILTER	[M]
FL6255	VLF1491S104T	CHIP FILTER	[M]
		FUSES	
F1	XBA1C40NBAL	FUSE	[M] ⚠
		FUSE HOLDERS	
FC501	EYF52BC	FUSE HOLDER	[M]
FC502	EYF52BC	FUSE HOLDER	[M]
		FUSE PROTECTORS	
FP501	K5G402AA0002	FUSE PROTECTOR	[M] ⚠
FP701	K5G402AA0002	FUSE PROTECTOR	[M] ⚠
FP2001	K1MN50B00010	CONNECTOR	[M]
FP3202	RJS2A7517T	CONNECTOR	[M]
FP3203	RJS2A7515T	FMN CNNECTOR	[M]
FP4202	RJS2A7526T	FMN CNNECTOR	[M]
FP5201	K1MN30B00062	CONNECTOR	[M]
FP5202	K1MN50B00010	CONNECTOR	[M]
		HOLDERS	
H502	RJS1A5512	12P WIRE HOLDER	[M]
H521	RJS1A5510	WIRE HOLDER	[M]
H601	RMR0318	9P CABLE HOLDER	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
H602	RMR0315	6P CABLE HOLDER	[M]
H603A	RMR0318	9P CABLE HOLDER	[M]
H603B	RMR0318	9P CABLE HOLDER	[M]
H605A	RMR0315	6P CABLE HOLDER	[M]
H605B	RMR0315	6P CABLE HOLDER	[M]
H1304	RMR0318	9P CABLE HOLDER	[M]
HOL1	RMN0635	FL HOLDER	[M]
HOL2	RMN0637	SENSER HOLDER	[M]
		EARTH TERMINAL	
E500	SNE1004-2	EARTH TERMINAL	[M]
E501	SNE1004-2	EARTH TERMINAL	[M]
		JACKS	
JK201	RJH2213N	JK 2P RCA PIN	[M]
JK202	RJH2110N-2	JK SUB-WOOFER	[M]
JK500	SJSD16-1	JK AC INLET	[M] ⚠
JK501	RJR0054M-J	JK SPEAKER	[M]
JK502	RJR0054M-J	JK SPEAKER	[M]
JK503	RJH5603-9	JK SPEAKER	[M]
JK603	RJJ37TK07-X	JK HP/MIC	[M]
JK701	RJH8203N	JK VIDEO	[M]
		WIRES	
W1	REE0863	PRI WIRE RED	[M]
W1	REZ1023-1	4P WIRE	[M]
W2	REE1113	FLAT WIRE	[M]
W2	REZ1024	3P WIRE	[M]
W500	REX1076	INLET TO PT FLAT	[M]
W502	REX1071-1	TRANS TO POWER FLAT	[M]
W503	REX1075	PT TO MAIN FLAT WIRE	[M]
W521	REX1073	POWER TO SPEAKER	[M]
W601	RWJ1109100XX	PANEL TO DECK FLAT	[M]
W602	REX1072	TRANS TO PANEL FLAT	[M]
W603	RWJ1109230XX	WIRE	[M]
W605	RWJ1106100XX	BABY P.T. TO MAIN	[M]
W700	REX1074	2P WIRE	[M]
W1304	RWJ1109140XX	WIRE	[M]
W1903	RWJ0102050KR	WIRE	[M]
		RESISTORS	
R1	ERDS2TJ102T	1K 1/4W	[M]
R200	ERJ3GEYJ472V	4.7K 1/16W	[M]
R201	ERJ3GEYJ123V	12K 1/16W	[M]
R202	ERJ3GEYJ123V	12K 1/16W	[M]
R203	ERJ3GEYJ122V	1.2K 1/16W	[M]
R204	ERJ3GEYJ122V	1.2K 1/16W	[M]
R205	ERJ3GEYJ472V	4.7K 1/16W	[M]
R206	ERJ3GEYJ102V	1K 1/16W	[M]
R207	ERJ3GEYJ183V	18K 1/16W	[M]
R208	ERJ3GEYJ223V	22K 1/16W	[M]
R211	ERJ3GEYJ102V	1K 1/16W	[M]
R212	ERJ3GEYJ102V	1K 1/16W	[M]
R213	ERJ3GEYJ682V	6.8K 1/16W	[M]
R214	ERJ3GEYJ682V	6.8K 1/16W	[M]
R215	ERJ3GEYJ682V	6.8K 1/16W	[M]
R216	ERJ3GEYJ682V	6.8K 1/16W	[M]
R217	ERJ3GEYJ183V	18K 1/16W	[M]
R218	ERJ3GEYJ183V	18K 1/16W	[M]
R219	ERJ3GEYJ272V	2.7K 1/16W	[M]
R220	ERJ3GEYJ272V	2.7K 1/16W	[M]
R221	ERJ3GEYJ123V	12K 1/16W	[M]
R222	ERJ3GEYJ103V	10K 1/16W	[M]
R223	ERJ3GEYJ272V	2.7K 1/16W	[M]
R224	ERJ3GEYJ473V	47K 1/16W	[M]
R225	ERJ3GEYJ392V	3.9K 1/16W	[M]
R226	ERJ3GEYJ392V	3.9K 1/16W	[M]
R227	ERJ3GEYJ392V	3.9K 1/16W	[M]
R228	ERJ3GEYJ392V	3.9K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R229	ERJ3GEYJ473V	47K 1/16W	[M]
R230	ERJ3GEYJ473V	47K 1/16W	[M]
R231	ERJ3GEYJ472V	4.7K 1/16W	[M]
R232	ERJ3GEYJ472V	4.7K 1/16W	[M]
R233	ERJ3GEYJ472V	4.7K 1/16W	[M]
R234	ERJ3GEYJ472V	4.7K 1/16W	[M]
R235	ERJ3GEYJ221V	220 1/16W	[M]
R236	ERJ3GEYJ221V	220 1/16W	[M]
R237	ERJ3GEYJ104V	100K 1/16W	[M]
R238	ERJ3GEYJ104V	100K 1/16W	[M]
R239	ERJ3GEYJ473V	47K 1/16W	[M]
R240	ERJ3GEYJ473V	47K 1/16W	[M]
R241	ERJ3GEYJ563V	56K 1/16W	[M]
R242	ERJ3GEYJ563V	56K 1/16W	[M]
R243	ERJ3GEYJ822V	8.2K 1/16W	[M]
R244	ERJ3GEYJ822V	8.2K 1/16W	[M]
R245	ERJ3GEYJ333V	33K 1/16W	[M]
R246	ERJ3GEYJ333V	33K 1/16W	[M]
R247	ERJ3GEYJ272V	2.7K 1/16W	[M]
R248	ERJ3GEYJ272V	2.7K 1/16W	[M]
R249	ERJ3GEYJ471V	470 1/16W	[M]
R250	ERJ3GEYJ471V	470 1/16W	[M]
R251	ERJ3GEYJ100V	10 1/16W	[M]
R252	ERJ3GEYJ100V	10 1/16W	[M]
R253	ERJ3GEYJ222V	2.2K 1/16W	[M]
R254	ERJ3GEYJ222V	2.2K 1/16W	[M]
R255	ERJ3GEYJ154V	150K 1/16W	[M]
R256	ERJ3GEYJ102V	1K 1/16W	[M]
R259	ERJ3GEYJ103V	10K 1/16W	[M]
R260	ERJ3GEYJ103V	10K 1/16W	[M]
R261	ERJ3GEYJ334V	330K 1/16W	[M]
R262	ERJ3GEYJ334V	330K 1/16W	[M]
R263	ERJ3GEYJ223V	22K 1/16W	[M]
R264	ERJ3GEYJ223V	22K 1/16W	[M]
R265	ERJ3GEYJ102V	1K 1/16W	[M]
R266	ERJ3GEYJ102V	1K 1/16W	[M]
R267	ERJ3GEYJ332V	3.3K 1/16W	[M]
R268	ERJ3GEYJ332V	3.3K 1/16W	[M]
R269	ERJ3GEYJ683V	68K 1/16W	[M]
R270	ERJ3GEYJ683V	68K 1/16W	[M]
R271	ERJ3GEYJ390V	39 1/16W	[M]
R272	ERJ3GEYJ390V	39 1/16W	[M]
R273	ERJ3GEYJ390V	39 1/16W	[M]
R274	ERJ3GEYJ390V	39 1/16W	[M]
R275	ERJ3GEYJ561V	560 1/16W	[M]
R276	ERJ3GEYJ561V	560 1/16W	[M]
R277	ERJ3GEYJ123V	12K 1/16W	[M]
R278	ERJ3GEYJ473V	47K 1/16W	[M]
R279	ERJ3GEYJ182V	1.8K 1/16W	[M]
R280	ERJ3GEYJ473V	47K 1/16W	[M]
R281	ERJ3GEYJ183V	18K 1/16W	[M]
R282	ERJ3GEYJ473V	47K 1/16W	[M]
R283	ERJ3GEYJ393V	39K 1/16W	[M]
R284	ERJ3GEYJ393V	39K 1/16W	[M]
R285	ERJ3GEYJ153V	15K 1/16W	[M]
R286	ERJ3GEYJ104V	100K 1/16W	[M]
R287	ERJ3GEYJ273V	27K 1/16W	[M]
R288	ERJ3GEYJ824V	820K 1/16W	[M]
R289	ERJ3GEYJ472V	4.7K 1/16W	[M]
R290	ERJ3GEYJ472V	4.7K 1/16W	[M]
R291	ERJ3GEYJ472V	4.7K 1/16W	[M]
R292	ERJ3GEYJ183V	18K 1/16W	[M]
R293	ERJ3GEYJ223V	22K 1/16W	[M]
R294	ERJ3GEYJ102V	1K 1/16W	[M]
R296	ERJ3GEYJ274V	270K 1/16W	[M]
R298	ERJ3GEYJ822V	8.2K 1/16W	[M]
R299	ERJ3GEYJ183V	18K 1/16W	[M]
R301	ERJ3GEYJ273V	27K 1/16W	[M]
R302	ERJ3GEYJ273V	27K 1/16W	[M]
R303	ERJ3GEYJ332V	3.3K 1/16W	[M]
R304	ERJ3GEYJ332V	3.3K 1/16W	[M]
R305	ERJ3GEYJ563V	56K 1/16W	[M]
R306	ERJ3GEYJ563V	56K 1/16W	[M]
R307	ERJ3GEYJ102V	1K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R308	ERJ3GEYJ102V	1K 1/16W	[M]
R309	ERJ3GEYJ222V	2.2K 1/16W	[M]
R310	ERJ3GEYJ332V	3.3K 1/16W	[M]
R311	ERJ3GEYJ184V	180K 1/16W	[M]
R312	ERJ3GEYJ273V	27K 1/16W	[M]
R313	ERJ3GEYJ332V	3.3K 1/16W	[M]
R314	ERJ3GEYJ332V	3.3K 1/16W	[M]
R315	ERJ3GEYJ563V	56K 1/16W	[M]
R316	ERJ3GEYJ563V	56K 1/16W	[M]
R317	ERJ3GEYJ102V	1K 1/16W	[M]
R318	ERJ3GEYJ102V	1K 1/16W	[M]
R336	ERJ3GEYJ153V	15K 1/16W	[M]
R351	ERJ3GEYJ103V	10K 1/16W	[M]
R352	ERJ3GEYJ563V	56K 1/16W	[M]
R353	ERJ3GEYJ472V	4.7K 1/16W	[M]
R354	ERJ3GEYJ824V	820K 1/16W	[M]
R355	ERJ3GEYJ562V	5.6K 1/16W	[M]
R356	ERJ3GEYJ101V	100 1/16W	[M]
R357	ERJ3GEYJ103V	10K 1/16W	[M]
R358	ERJ3GEYJ563V	56K 1/16W	[M]
R359	ERDS1FVJ180T	18 1/2W	[M]
R361	ERJ3GEYJ563V	56K 1/16W	[M]
R362	ERJ3GEYJ103V	10K 1/16W	[M]
R363	ERJ3GEYJ104V	100K 1/16W	[M]
R366	ERJ3GEYJ224V	220K 1/16W	[M]
R368	ERJ3GEYJ333V	33K 1/16W	[M]
R374	ERJ3GEYJ332V	3.3K 1/16W	[M]
R375	ERJ3GEYJ393V	39K 1/16W	[M]
R376	ERJ3GEYJ472V	4.7K 1/16W	[M]
R377	ERJ3GEYJ103V	10K 1/16W	[M]
R378	ERJ3GEYJ102V	1K 1/16W	[M]
R379	ERJ3GEYJ224V	220K 1/16W	[M]
R380	ERJ3GEYJ683V	68K 1/16W	[M]
R381	ERJ3GEYJ122V	1.2K 1/16W	[M]
R382	ERJ3GEYJ122V	1.2K 1/16W	[M]
R383	ERJ3GEYJ472V	4.7K 1/16W	[M]
R384	ERJ3GEYJ1R0V	1 1/16W	[M]
R385	ERJ3GEYJ472V	4.7K 1/16W	[M]
R386	ERJ3GEYJ472V	4.7K 1/16W	[M]
R387	ERJ3GEYJ1R0V	1 1/16W	[M]
R388	ERJ3GEYJ823V	82K 1/16W	[M]
R390	ERJ3GEYJ473V	47K 1/16W	[M]
R401	ERJ3GEYJ104V	100K 1/16W	[M]
R402	ERJ3GEYJ332V	3.3K 1/16W	[M]
R403	ERJ3GEYJ473V	47K 1/16W	[M]
R404	ERJ3GEYJ102V	1K 1/16W	[M]
R405	ERJ3GEYJ183V	18K 1/16W	[M]
R406	ERJ3GEYJ223V	22K 1/16W	[M]
R407	ERJ3GEYJ103V	10K 1/16W	[M]
R408	ERJ3GEYJ823V	82K 1/16W	[M]
R409	ERJ3GEYJ823V	82K 1/16W	[M]
R410	ERJ3GEYJ822V	8.2K 1/16W	[M]
R411	ERJ3GEYJ153V	15K 1/16W	[M]
R414	ERJ3GEYJ103V	10K 1/16W	[M]
R415	ERJ3GEYJ222V	2.2K 1/16W	[M]
R416	ERJ3GEYJ473V	47K 1/16W	[M]
R417	ERJ3GEYJ332V	3.3K 1/16W	[M]
R418	ERJ3GEYJ332V	3.3K 1/16W	[M]
R419	ERJ3GEYJ472V	4.7K 1/16W	[M]
R427	ERJ3GEYJ102V	1K 1/16W	[M]
R431	ERJ3GEYJ102V	1K 1/16W	[M]
R432	ERJ3GEYJ152V	1.5K 1/16W	[M]
R433	ERJ3GEYJ331V	330 1/16W	[M]
R434	ERJ3GEYJ331V	330 1/16W	[M]
R435	ERJ3GEYJ331V	330 1/16W	[M]
R436	ERJ3GEYJ472V	4.7K 1/16W	[M]
R437	ERJ3GEYJ472V	4.7K 1/16W	[M]
R438	ERJ3GEYJ472V	4.7K 1/16W	[M]
R441	ERJ3GEYJ103V	10K 1/16W	[M]
R447	ERJ3GEYJ153V	15K 1/16W	[M]
R448	ERJ3GEYJ153V	15K 1/16W	[M]
R451	ERJ3GEYJ102V	1K 1/16W	[M]
R452	ERJ3GEYJ103V	10K 1/16W	[M]
R453	ERJ3GEYJ821V	820 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R454	ERJ3GEYJ103V	10K 1/16W	[M]
R455	ERJ3GEYJ221V	220 1/16W	[M]
R456	ERJ3GEYJ221V	220 1/16W	[M]
R457	ERJ3GEYJ221V	220 1/16W	[M]
R458	ERJ3GEYJ221V	220 1/16W	[M]
R459	ERJ3GEYJ221V	220 1/16W	[M]
R460	ERJ3GEYJ681V	680 1/16W	[M]
R461	ERJ3GEYJ472V	4.7K 1/16W	[M]
R462	ERJ3GEYJ473V	47K 1/16W	[M]
R463	ERJ3GEYJ472V	4.7K 1/16W	[M]
R464	ERJ3GEYJ103V	10K 1/16W	[M]
R465	ERJ3GEYJ472V	4.7K 1/16W	[M]
R466	ERJ3GEYJ103V	10K 1/16W	[M]
R471	ERJ3GEYJ221V	220 1/16W	[M]
R472	ERJ3GEYJ221V	220 1/16W	[M]
R473	ERJ3GEYJ221V	220 1/16W	[M]
R474	ERJ3GEYJ221V	220 1/16W	[M]
R475	ERJ3GEYJ103V	10K 1/16W	[M]
R476	ERJ3GEYJ102V	1K 1/16W	[M]
R477	ERJ3GEYJ221V	220 1/16W	[M]
R478	ERJ3GEYJ681V	680 1/16W	[M]
R479	ERJ3GEYJ472V	4.7K 1/16W	[M]
R480	ERJ3GEYJ104V	100K 1/16W	[M]
R481	ERJ3GEYJ472V	4.7K 1/16W	[M]
R483	ERJ3GEYJ472V	4.7K 1/16W	[M]
R485	ERJ3GEYJ103V	10K 1/16W	[M]
R486	ERJ3GEYJ472V	4.7K 1/16W	[M]
R487	ERJ3GEYJ104V	100K 1/16W	[M]
R488	ERJ3GEYJ104V	100K 1/16W	[M]
R489	ERJ3GEYJ221V	220 1/16W	[M]
R490	ERJ3GEYJ221V	220 1/16W	[M]
R491	ERJ3GEYJ221V	220 1/16W	[M]
R492	ERJ3GEYJ221V	220 1/16W	[M]
R493	ERJ3GEYJ221V	220 1/16W	[M]
R494	ERJ3GEYJ102V	1K 1/16W	[M]
R495	ERJ3GEYJ472V	4.7K 1/16W	[M]
R496	ERJ3GEYJ221V	220 1/16W	[M]
R497	ERJ3GEYJ221V	220 1/16W	[M]
R498	ERJ3GEYJ102V	1K 1/16W	[M]
R499	ERJ3GEYJ102V	1K 1/16W	[M]
R500	ERC12UGK335D	3.3M 1/2W	[M]
R501	ERDS2TJ392T	3.9K 1/4W	[M]
R502	ERDS2TJ392T	3.9K 1/4W	[M]
R503	ERDS2TJ153T	15K 1/4W	[M]
R504	ERDS2TJ153T	15K 1/4W	[M]
R505	ERDS2TJ153T	15K 1/4W	[M]
R506	ERDS2TJ153T	15K 1/4W	[M]
R507	ERDS2TJ392T	3.9K 1/4W	[M]
R508	ERDS2TJ392T	3.9K 1/4W	[M]
R509	ERDS2TJ332T	3.3K 1/4W	[M]
R510	ERDS2TJ392T	3.9K 1/4W	[M]
R511	ERDS2TJ153T	15K 1/4W	[M]
R512	ERDS2TJ224T	220K 1/4W	[M]
R513	ERDS2TJ563T	56K 1/4W	[M]
R514	ERDS2TJ563T	56K 1/4W	[M]
R515	ERDS2TJ563T	56K 1/4W	[M]
R516	ERDS2TJ563T	56K 1/4W	[M]
R517	ERDS2TJ563T	56K 1/4W	[M]
R518	ERDS2TJ563T	56K 1/4W	[M]
R519	ERDS2TJ824T	820K 1/4W	[M]
R520	ERDS2TJ103T	10K 1/4W	[M]
R521	ERDS2TJ103T	10K 1/4W	[M]
R522	ERDS2TJ273T	27K 1/4W	[M]
R523	ERDS2TJ124T	120K 1/4W	[M]
R524	ERDS2TJ124T	120K 1/4W	[M]
R525	ERDS2TJ154T	150K 1/4W	[M]
R526	ERDS2TJ124T	120K 1/4W	[M]
R527	ERDS2TJ124T	120K 1/4W	[M]
R528	ERDS2TJ154T	150K 1/4W	[M]
R529	ERDS2TJ223T	22K 1/4W	[M]
R537	ERDS1FVJ100T	10 1/2W	[M]
R538	ERDS1FVJ100T	10 1/2W	[M]
R539	ERDS1FVJ100T	10 1/2W	[M]
R540	ERDS1FVJ100T	10 1/2W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R541	ERDS1FVJ100T	10 1/2W	[M]
R542	ERDS1FVJ100T	10 1/2W	[M]
R545	ERDS2TJ153T	15K 1/4W	[M]
R567	ERDS2TJ2R2T	2.2 1/4W	[M]
R568	ERDS2TJ2R2T	2.2 1/4W	[M]
R570	ERD2FCVG390T	39 1/4W	[M]
R571	ERDS2TJ473T	47K 1/4W	[M]
R572	ERDS2TJ153T	15K 1/4W	[M]
R573	ERDS2TJ392T	3.9K 1/4W	[M]
R574	ERDS2TJ474T	470K 1/4W	[M]
R575	ERDS2TJ154T	150K 1/4W	[M]
R576	ERDS2TJ562T	5.6K 1/4W	[M]
R578	ERDS2TJ152T	1.5K 1/4W	[M]
R579	ERDS2TJ332T	3.3K 1/4W	[M]
R580	ERDS2TJ824T	820K 1/4W	[M]
R581	ERDS1FVJ472T	4.7K 1/2W	[M]
R585	ERDS2TJ122T	1.2K 1/4W	[M]
R586	ERDS2TJ152T	1.5K 1/4W	[M]
R587	ERDS2TJ103T	10K 1/4W	[M]
R588	ERDS2TJ472T	4.7K 1/4W	[M]
R589	ERDS2TJ151T	150 1/4W	[M]
R592	ERDS2TJ180T	18 1/4W	[M]
R593	ERDS2TJ103T	10K 1/4W	[M]
R594	ERDS2TJ103T	10K 1/4W	[M]
R595	ERDS2TJ332T	3.3K 1/4W	[M]
R596	ERDS2TJ151T	150 1/4W	[M]
R597	ERDS2TJ472T	4.7K 1/4W	[M]
R598	ERDS2TJ2R2T	2.2 1/4W	[M]
R599	ERDS2TJ180T	18 1/4W	[M]
R601	ERJ3GEYJ102V	1K 1/16W	[M]
R607	ERJ3GEYJ102V	1K 1/16W	[M]
R608	ERJ3GEYJ681V	680 1/16W	[M]
R609	ERJ3GEYJ473V	47K 1/16W	[M]
R610	ERJ3GEYJ102V	1K 1/16W	[M]
R611	ERJ3GEYJ102V	1K 1/16W	[M]
R612	ERJ3GEYJ101V	100 1/16W	[M]
R613	ERJ3GEYJ102V	1K 1/16W	[M]
R614	ERJ3GEYJ102V	1K 1/16W	[M]
R615	ERJ3GEYJ102V	1K 1/16W	[M]
R616	ERJ3GEYJ122V	1.2K 1/16W	[M]
R617	ERJ3GEYJ182V	1.8K 1/16W	[M]
R618	ERJ3GEYJ472V	4.7K 1/16W	[M]
R619	ERJ3GEYJ682V	6.8K 1/16W	[M]
R623	ERJ3GEYJ102V	1K 1/16W	[M]
R624	ERJ3GEYJ102V	1K 1/16W	[M]
R625	ERJ3GEYJ122V	1.2K 1/16W	[M]
R626	ERJ3GEYJ222V	2.2K 1/16W	[M]
R627	ERJ3GEYJ272V	2.7K 1/16W	[M]
R629	ERJ3GEYJ473V	47K 1/16W	[M]
R630	ERJ3GEYJ473V	47K 1/16W	[M]
R631	ERJ3GEYJ121V	120 1/16W	[M]
R632	ERJ3GEYJ101V	100 1/16W	[M]
R636	ERJ3GEYJ152V	1.5K 1/16W	[M]
R637	ERJ3GEYJ223V	22K 1/16W	[M]
R638	ERJ3GEYJ101V	100 1/16W	[M]
R639	ERJ3GEYJ101V	100 1/16W	[M]
R640	ERJ3GEYJ101V	100 1/16W	[M]
R641	ERJ3GEYJ101V	100 1/16W	[M]
R642	ERJ3GEYJ101V	100 1/16W	[M]
R643	ERJ3GEYJ101V	100 1/16W	[M]
R644	ERJ3GEYJ101V	100 1/16W	[M]
R645	ERJ3GEYJ103V	10K 1/16W	[M]
R646	ERJ3GEYJ103V	10K 1/16W	[M]
R647	ERJ3GEYJ103V	10K 1/16W	[M]
R649	ERJ3GEYJ473V	47K 1/16W	[M]
R650	ERJ3GEYJ223V	22K 1/16W	[M]
R651	ERJ3GEYJ102V	1K 1/16W	[M]
R652	ERJ3GEYJ103V	10K 1/16W	[M]
R653	ERJ3GEYJ106V	10M 1/16W	[M]
R654	ERJ3GEYJ334V	330K 1/16W	[M]
R655	ERJ3GEYJ331V	330 1/16W	[M]
R656	ERJ3GEYJ223V	22K 1/16W	[M]
R657	ERJ3GEYJ473V	47K 1/16W	[M]
R661	ERJ3GEYJ104V	100K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R662	ERJ3GEYJ104V	100K 1/16W	[M]
R663	ERJ3GEYJ104V	100K 1/16W	[M]
R664	ERJ3GEYJ104V	100K 1/16W	[M]
R671	ERJ3GEYJ104V	100K 1/16W	[M]
R672	ERJ3GEYJ104V	100K 1/16W	[M]
R673	ERJ3GEYJ104V	100K 1/16W	[M]
R674	ERJ3GEYJ104V	100K 1/16W	[M]
R675	ERJ3GEYJ104V	100K 1/16W	[M]
R676	ERJ3GEYJ104V	100K 1/16W	[M]
R677	ERJ3GEYJ104V	100K 1/16W	[M]
R678	ERJ3GEYJ104V	100K 1/16W	[M]
R679	ERJ3GEYJ104V	100K 1/16W	[M]
R680	ERJ3GEYJ223V	22K 1/16W	[M]
R682	ERJ3GEYJ103V	10K 1/16W	[M]
R683	ERJ3GEYJ103V	10K 1/16W	[M]
R684	ERJ3GEYJ103V	10K 1/16W	[M]
R685	ERJ3GEYJ104V	100K 1/16W	[M]
R686	ERJ3GEYJ104V	100K 1/16W	[M]
R687	ERJ3GEYJ104V	100K 1/16W	[M]
R688	ERJ3GEYJ680V	68 1/16W	[M]
R689	ERJ3GEYJ680V	68 1/16W	[M]
R690	ERJ3GEYJ474V	470K 1/16W	[M]
R691	ERJ3GEYJ472V	4.7K 1/16W	[M]
R694	ERJ3GEYJ104V	100K 1/16W	[M]
R695	ERJ3GEYJ223V	22K 1/16W	[M]
R697	ERJ3GEYJ472V	4.7K 1/16W	[M]
R698	ERJ3GEYJ223V	22K 1/16W	[M]
R699	ERJ3GEYJ102V	1K 1/16W	[M]
R701	ERJ3GEYJ222V	2.2K 1/16W	[M]
R703	ERJ3GEYJ104V	100K 1/16W	[M]
R704	ERJ3GEYJ103V	10K 1/16W	[M]
R707	ERJ3GEYJ223V	22K 1/16W	[M]
R709	ERJ3GEYJ183V	18K 1/16W	[M]
R710	ERJ3GEYJ472V	4.7K 1/16W	[M]
R711	ERJ3GEYJ561V	560 1/16W	[M]
R712	ERJ3GEYJ331V	330 1/16W	[M]
R714	ERJ3GEYJ102V	1K 1/16W	[M]
R716	ERJ3GEYJ102V	1K 1/16W	[M]
R717	ERJ3GEYJ153V	15K 1/16W	[M]
R718	ERJ3GEYJ473V	47K 1/16W	[M]
R719	ERJ3GEYJ154V	150K 1/16W	[M]
R720	ERJ3GEYJ472V	4.7K 1/16W	[M]
R721	ERJ3GEYJ681V	680 1/16W	[M]
R722	ERJ3GEYJ151V	150 1/16W	[M]
R723	ERJ3GEYJ102V	1K 1/16W	[M]
R724	ERJ3GEYJ822V	8.2K 1/16W	[M]
R725	ERJ3GEYJ222V	2.2K 1/16W	[M]
R726	ERJ3GEYJ183V	18K 1/16W	[M]
R727	ERJ3GEYJ222V	2.2K 1/16W	[M]
R728	ERJ3GEYJ102V	1K 1/16W	[M]
R729	ERJ3GEYJ103V	10K 1/16W	[M]
R730	ERJ3GEYJ153V	15K 1/16W	[M]
R731	ERJ3GEYJ104V	100K 1/16W	[M]
R732	ERJ3GEYJ153V	15K 1/16W	[M]
R733	ERJ3GEYJ103V	10K 1/16W	[M]
R734	ERJ3GEYJ223V	22K 1/16W	[M]
R735	ERJ3GEYJ223V	22K 1/16W	[M]
R736	ERJ3GEYJ104V	100K 1/16W	[M]
R737	ERJ3GEYJ472V	4.7K 1/16W	[M]
R738	ERJ3GEYJ183V	18K 1/16W	[M]
R739	ERJ3GEYJ102V	1K 1/16W	[M]
R740	ERJ3GEYJ153V	15K 1/16W	[M]
R741	ERJ3GEYJ102V	1K 1/16W	[M]
R742	ERJ3GEYJ153V	15K 1/16W	[M]
R743	ERJ3GEYJ473V	47K 1/16W	[M]
R744	ERJ3GEYJ103V	10K 1/16W	[M]
R745	ERJ3GEYJ334V	330K 1/16W	[M]
R746	ERJ3GEYJ1R0V	1 1/16W	[M]
R747	ERJ3GEYJ1R0V	1 1/16W	[M]
R748	ERJ3GEYJ473V	47K 1/16W	[M]
R749	ERJ3GEYJ102V	1K 1/16W	[M]
R750	ERJ3GEYJ473V	47K 1/16W	[M]
R751	ERJ3GEYJ102V	1K 1/16W	[M]
R752	ERJ3GEYJ223V	22K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R753	ERJ3GEYJ563V	56K 1/16W	[M]
R754	ERJ3GEYJ563V	56K 1/16W	[M]
R755	ERJ3GEYJ1R0V	1 1/16W	[M]
R756	ERJ3GEYJ1R0V	1 1/16W	[M]
R757	ERJ3GEYJ183V	18K 1/16W	[M]
R759	ERJ3GEYJ102V	1K 1/16W	[M]
R760	ERJ3GEYJ102V	1K 1/16W	[M]
R761	ERJ3GEYJ102V	1K 1/16W	[M]
R762	ERJ3GEYJ102V	1K 1/16W	[M]
R763	ERJ3GEYJ473V	47K 1/16W	[M]
R764	ERJ3GEYJ473V	47K 1/16W	[M]
R765	ERJ3GEYJ154V	150K 1/16W	[M]
R766	ERJ3GEYJ154V	150K 1/16W	[M]
R767	ERJ3GEYJ681V	680 1/16W	[M]
R768	ERJ3GEYJ472V	4.7K 1/16W	[M]
R769	ERJ3GEYJ561V	560 1/16W	[M]
R770	ERJ3GEYJ223V	22K 1/16W	[M]
R771	ERJ6GEYJ1R0V	1 1/10W	[M]
R772	ERJ6GEYJ1R0V	1 1/10W	[M]
R773	ERJ6GEYJ1R0V	1 1/10W	[M]
R774	ERJ6GEYJ1R0V	1 1/10W	[M]
R775	ERJ3GEYJ102V	1K 1/16W	[M]
R776	ERJ3GEYJ223V	22K 1/16W	[M]
R778	ERJ3GEYJ102V	1K 1/16W	[M]
R779	ERJ3GEYJ472V	4.7K 1/16W	[M]
R781	ERJ3GEYJ102V	1K 1/16W	[M]
R782	ERJ3GEYJ104V	100K 1/16W	[M]
R783	ERJ3GEYJ104V	100K 1/16W	[M]
R784	ERJ3GEYJ103V	10K 1/16W	[M]
R785	ERJ3GEYJ103V	10K 1/16W	[M]
R786	ERJ3GEYJ183V	18K 1/16W	[M]
R787	ERJ3GEYJ333V	33K 1/16W	[M]
R788	ERJ3GEYJ223V	22K 1/16W	[M]
R789	ERJ3GEYJ223V	22K 1/16W	[M]
R790	ERJ3GEYJ104V	100K 1/16W	[M]
R791	ERJ3GEYJ104V	100K 1/16W	[M]
R792	ERJ3GEYJ103V	10K 1/16W	[M]
R793	ERJ3GEYJ103V	10K 1/16W	[M]
R795	ERJ3GEYJ223V	22K 1/16W	[M]
R796	ERJ3GEYJ183V	18K 1/16W	[M]
R798	ERJ3GEYJ102V	1K 1/16W	[M]
R799	ERJ3GEYJ472V	4.7K 1/16W	[M]
R801	ERJ3GEYJ102V	1K 1/16W	[M]
R802	ERJ3GEYJ102V	1K 1/16W	[M]
R803	ERJ3GEYJ102V	1K 1/16W	[M]
R804	ERJ3GEYJ102V	1K 1/16W	[M]
R805	ERJ3GEYJ102V	1K 1/16W	[M]
R806	ERJ3GEYJ102V	1K 1/16W	[M]
R807	ERJ3GEYJ102V	1K 1/16W	[M]
R810	ERJ3GEYJ470V	47 1/16W	[M]
R811	ERJ3GEYJ105V	1M 1/16W	[M]
R812	ERJ3GEYJ221V	220 1/16W	[M]
R813	ERJ3GEYJ271V	270 1/16W	[M]
R814	ERJ3GEYJ122V	1.2K 1/16W	[M]
R815	ERJ3GEYJ271V	270 1/16W	[M]
R816	ERJ3GEYJ122V	1.2K 1/16W	[M]
R817	ERJ3GEYJ271V	270 1/16W	[M]
R818	ERJ3GEYJ122V	1.2K 1/16W	[M]
R819	ERJ3GEYJ271V	270 1/16W	[M]
R820	ERJ3GEYJ122V	1.2K 1/16W	[M]
R826	ERJ3GEYJ472V	4.7K 1/16W	[M]
R827	ERJ3GEYJ104V	100K 1/16W	[M]
R828	ERJ3GEYJ331V	330 1/16W	[M]
R829	ERJ3GEYJ331V	330 1/16W	[M]
R830	ERJ3GEYJ331V	330 1/16W	[M]
R850	ERJ3GEYJ102V	1K 1/16W	[M]
R851	ERJ3GEYJ123V	12K 1/16W	[M]
R852	ERJ3GEYJ122V	1.2K 1/16W	[M]
R853	ERJ3GEYJ123V	12K 1/16W	[M]
R854	ERJ3GEYJ332V	3.3K 1/16W	[M]
R855	ERJ3GEYJ122V	1.2K 1/16W	[M]
R856	ERJ3GEYJ391V	390 1/16W	[M]
R857	ERJ3GEYJ222V	2.2K 1/16W	[M]
R858	ERJ3GEYJ222V	2.2K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R859	ERJ3GEYJ472V	4.7K 1/16W	[M]
R860	ERJ3GEYJ682V	6.8K 1/16W	[M]
R862	ERJ3GEYJ223V	22K 1/16W	[M]
R865	ERJ3GEYJ223V	22K 1/16W	[M]
R866	ERJ3GEYJ123V	12K 1/16W	[M]
R867	ERJ3GEYJ103V	10K 1/16W	[M]
R869	ERJ3GEYJ102V	1K 1/16W	[M]
R870	ERJ3GEYJ392V	3.9K 1/16W	[M]
R871	ERJ3GEYJ103V	10K 1/16W	[M]
R873	ERJ3GEYJ123V	12K 1/16W	[M]
R874	ERJ3GEYJ102V	1K 1/16W	[M]
R875	ERJ3GEYJ392V	3.9K 1/16W	[M]
R876	ERJ3GEYJ1R8V	1.8 1/16W	[M]
R877	ERJ3GEYJ102V	1K 1/16W	[M]
R878	ERJ3GEYJ104V	100K 1/16W	[M]
R879	ERJ3GEYJ104V	100K 1/16W	[M]
R880	ERJ3GEYJ104V	100K 1/16W	[M]
R881	ERJ3GEYJ104V	100K 1/16W	[M]
R886	ERJ3GEYJ104V	100K 1/16W	[M]
R887	ERJ3GEYJ223V	22K 1/16W	[M]
R888	ERJ3GEYJ223V	22K 1/16W	[M]
R889	ERJ3GEYJ102V	1K 1/16W	[M]
R901	ERJ3GEYJ101V	100 1/16W	[M]
R902	ERJ3GEYJ101V	100 1/16W	[M]
R903	ERJ3GEYJ101V	100 1/16W	[M]
R904	ERJ3GEYJ473V	47K 1/16W	[M]
R905	ERJ3GEYJ101V	100 1/16W	[M]
R906	ERJ3GEYJ101V	100 1/16W	[M]
R907	ERJ3GEYJ101V	100 1/16W	[M]
R908	ERJ3GEYJ101V	100 1/16W	[M]
R909	ERJ3GEYJ101V	100 1/16W	[M]
R911	ERJ3GEYJ102V	1K 1/16W	[M]
R912	ERJ3GEYJ101V	100 1/16W	[M]
R913	ERJ3GEYJ101V	100 1/16W	[M]
R914	ERJ3GEYJ101V	100 1/16W	[M]
R915	ERJ3GEYJ221V	220 1/16W	[M]
R916	ERJ3GEYJ221V	220 1/16W	[M]
R917	ERJ3GEYJ101V	100 1/16W	[M]
R918	ERJ3GEYJ221V	220 1/16W	[M]
R921	ERJ3GEYJ122V	1.2K 1/16W	[M]
R922	ERJ3GEYJ182V	1.8K 1/16W	[M]
R923	ERJ3GEYJ222V	2.2K 1/16W	[M]
R924	ERJ3GEYJ272V	2.7K 1/16W	[M]
R925	ERJ3GEYJ472V	4.7K 1/16W	[M]
R926	ERJ3GEYJ682V	6.8K 1/16W	[M]
R927	ERJ3GEYJ103V	10K 1/16W	[M]
R928	ERJ3GEYJ151V	150 1/16W	[M]
R929	ERJ3GEYJ151V	150 1/16W	[M]
R930	ERJ3GEYJ151V	150 1/16W	[M]
R931	ERJ3GEYJ151V	150 1/16W	[M]
R932	ERJ3GEYJ151V	150 1/16W	[M]
R933	ERJ3GEYJ151V	150 1/16W	[M]
R934	ERJ3GEYJ151V	150 1/16W	[M]
R935	ERJ3GEYJ151V	150 1/16W	[M]
R936	ERJ3GEYJ151V	150 1/16W	[M]
R937	ERJ3GEYJ151V	150 1/16W	[M]
R938	ERJ3GEYJ121V	120 1/16W	[M]
R942	ERJ3GEYJ331V	330 1/16W	[M]
R943	ERJ3GEYJ331V	330 1/16W	[M]
R944	ERJ3GEYJ331V	330 1/16W	[M]
R945	ERJ3GEYJ102V	1K 1/16W	[M]
R946	ERJ3GEYJ102V	1K 1/16W	[M]
R947	ERJ3GEYJ331V	330 1/16W	[M]
R952	ERJ3GEYJ151V	150 1/16W	[M]
R955	ERJ3GEYJ151V	150 1/16W	[M]
R956	ERJ3GEYJ151V	150 1/16W	[M]
R957	ERJ3GEYJ121V	120 1/16W	[M]
R958	ERJ3GEYJ101V	100 1/16W	[M]
R959	ERJ3GEYJ121V	120 1/16W	[M]
R960	ERJ3GEYJ472V	4.7K 1/16W	[M]
R961	ERJ3GEYJ682V	6.8K 1/16W	[M]
R962	ERJ3GEYJ103V	10K 1/16W	[M]
R963	ERJ3GEYJ223V	22K 1/16W	[M]
R964	ERJ3GEYJ271V	270 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R965	ERJ3GEYJ271V	270 1/16W	[M]
R971	ERJ3GEYJ182V	1.8K 1/16W	[M]
R972	ERDS2TJ821T	820 1/4W	[M]
R972	ERJ3GEYJ222V	2.2K 1/16W	[M]
R973	ERDS2TJ393T	39K 1/4W	[M]
R973	ERJ3GEYJ272V	2.7K 1/16W	[M]
R995	ERJ3GEYJ101V	100 1/16W	[M]
R1101	ERJ3GEYJ270V	27 1/16W	[M]
R1103	ERJ3GEYJ183V	18K 1/16W	[M]
R1104	ERJ3GEYJ103V	10K 1/16W	[M]
R1105	ERJ3GEYJ222V	2.2K 1/16W	[M]
R1106	ERJ3GEYJ104V	100K 1/16W	[M]
R1107	ERJ3GEYJ102V	1K 1/16W	[M]
R1109	ERJ3GEYJ102V	1K 1/16W	[M]
R1110	ERJ3GEYJ333V	33K 1/16W	[M]
R1201	ERJ3GEYJ270V	27 1/16W	[M]
R1203	ERJ3GEYJ183V	18K 1/16W	[M]
R1204	ERJ3GEYJ103V	10K 1/16W	[M]
R1205	ERJ3GEYJ222V	2.2K 1/16W	[M]
R1206	ERJ3GEYJ104V	100K 1/16W	[M]
R1207	ERJ3GEYJ102V	1K 1/16W	[M]
R1209	ERJ3GEYJ102V	1K 1/16W	[M]
R1210	ERJ3GEYJ333V	33K 1/16W	[M]
R1302	ERJ3GEYJ221V	220 1/16W	[M]
R1303	ERJ3GEYJ475V	4.7M 1/16W	[M]
R1304	ERJ3GEYJ223V	22K 1/16W	[M]
R1305	ERJ3GEYJ103V	10K 1/16W	[M]
R1306	ERJ3GEYJ103V	10K 1/16W	[M]
R1307	ERD25FVJ101T	100 1/4W	[M]
R1308	ERD25FVJ101T	100 1/4W	[M]
R1309	ERD25FVJ102T	1K 1/4W	[M]
R1310	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1313	ERJ3GEYJ103V	10K 1/16W	[M]
R1314	ERJ3GEYJ102V	1K 1/16W	[M]
R1315	ERJ3GEYJ473V	47K 1/16W	[M]
R1316	ERJ3GEYJ102V	1K 1/16W	[M]
R1317	ERJ3GEYJ473V	47K 1/16W	[M]
R1318	ERJ3GEYJ103V	10K 1/16W	[M]
R1319	ERJ3GEYJ123V	12K 1/16W	[M]
R1320	ERJ3GEYJ104V	100K 1/16W	[M]
R1321	ERJ3GEYJ470V	47 1/16W	[M]
R1322	ERJ3GEYJ823V	82K 1/16W	[M]
R1323	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1324	ERJ3GEYJ222V	2.2K 1/16W	[M]
R1326	ERJ3GEYJ822V	8.2K 1/16W	[M]
R1327	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1328	ERJ3GEYJ153V	15K 1/16W	[M]
R1329	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1330	ERD2FCVJ4R7T	4.7 1/4W	[M] ⚠
R1331	ERJ3GEYJ103V	10K 1/16W	[M]
R1332	ERJ3GEYJ103V	10K 1/16W	[M]
R1334	ERJ3GEYJ223V	22K 1/16W	[M]
R1335	ERJ3GEYJ152V	1.5K 1/16W	[M]
R1336	ERJ3GEYJ152V	1.5K 1/16W	[M]
R1337	ERJ3GEYJ103V	10K 1/16W	[M]
R1338	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1341	ERJ3GEYJ471V	470 1/16W	[M]
R1342	ERJ3GEYJ473V	47K 1/16W	[M]
R1343	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1344	ERJ3GEYJ273V	27K 1/16W	[M]
R1345	ERJ3GEYJ102V	1K 1/16W	[M]
R1371	ERJ3GEYJ223V	22K 1/16W	[M]
R1372	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1373	ERJ3GEYJ222V	2.2K 1/16W	[M]
R1374	ERJ3GEYJ471V	470 1/16W	[M]
R1375	ERD25FVJ101T	100 1/4W	[M]
R2001	ERJ3GEYJ102V	1K 1/16W	[M]
R2011	ERJ3GEYJ472V	4.7K 1/16W	[M]
R2012	ERJ3GEYJ123V	12K 1/16W	[M]
R2013	ERJ3RBD123V	12K 3W	[M] ⚠
R2014	ERJ3GEYJ473V	47K 1/16W	[M]
R2028	ERJ3GEYJ103V	10K 1/16W	[M]
R2029	ERJ3GEYJ153V	15K 1/16W	[M]
R2030	ERJ3GEYJ153V	15K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R2031	ERJ3GEYJ153V	15K 1/16W	[M]
R2032	ERJ3GEYJ153V	15K 1/16W	[M]
R2033	ERJ3GEYJ153V	15K 1/16W	[M]
R2034	ERJ3GEYJ183V	18K 1/16W	[M]
R2035	ERJ3GEYJ183V	18K 1/16W	[M]
R2036	ERJ3GEYJ123V	12K 1/16W	[M]
R2037	ERJ3GEYJ562V	5.6K 1/16W	[M]
R2038	ERJ3GEYJ105V	1M 1/16W	[M]
R2039	ERJ3GEYF153V	15K 1/16W	[M]
R2040	ERJ3GEYJ473V	47K 1/16W	[M]
R2041	ERJ3GEYF123V	12K 1/16W	[M]
R2042	ERJ3GEYJ223V	22K 1/16W	[M]
R2043	ERJ3GEY0R00V	0 1/16W	[M]
R2044	ERJ3GEYJ563V	56K 1/16W	[M]
R2045	ERJ3GEY0R00V	0 1/16W	[M]
R2046	ERJ3GEYJ153V	15K 1/16W	[M]
R2502	ERJ3GEYJ153V	15K 1/16W	[M]
R2503	ERJ3GEYJ153V	15K 1/16W	[M]
R2504	ERJ3GEYJ823V	82K 1/16W	[M]
R2505	ERJ3GEYJ823V	82K 1/16W	[M]
R2507	ERJ6GEYJ6R8V	6.8 1/10W	[M]
R3001	ERJ3GEYJ220V	22 1/16W	[M]
R3002	ERJ3GEYJ472V	4.7K 1/16W	[M]
R3003	ERJ3GEYJ101V	100 1/16W	[M]
R3004	ERJ3GEYJ221V	220 1/16W	[M]
R3005	ERJ3GEYJ473V	47K 1/16W	[M]
R3007	ERJ3GEY0R00V	0 1/16W	[M]
R3071	ERJ3GEYJ103V	10K 1/16W	[M]
R3080	ERJ3RBD752V	7.5K 3W	[M] ⚠
R3082	ERJ3RBD202V	2K 3W	[M] ⚠
R3083	ERJ3RBD132V	1.3K 3W	[M] ⚠
R3084	ERJ3RBD752V	7.5K 3W	[M] ⚠
R3085	ERJ3RBD183V	18K 3W	[M] ⚠
R3086	ERJ3RBD432V	4.3K 3W	[M] ⚠
R3087	ERJ3RBD752V	7.5K 3W	[M] ⚠
R3088	ERJ3RBD752V	7.5K 3W	[M] ⚠
R3089	ERJ3RBD332V	3.3K 3W	[M] ⚠
R3090	ERJ3RBD222V	2.2K 3W	[M] ⚠
R3101	ERJ3RED750V	75 3W	[M] ⚠
R3105	ERJ3RED750V	75 3W	[M] ⚠
R3111	ERJ3RED750V	75 3W	[M] ⚠
R3115	ERJ3RED750V	75 3W	[M] ⚠
R3301	ERJ3GEYJ682V	6.8K 1/16W	[M]
R3302	ERJ3GEYJ332V	3.3K 1/16W	[M]
R3304	ERJ3RBD750V	75 3W	[M]
R3305	ERJ3RBD750V	75 3W	[M]
R3306	ERJ3RBD750V	75 3W	[M]
R3307	ERJ3GEYJ562V	5.6K 1/16W	[M]
R4201	ERJ3GEY0R00V	0 1/16W	[M]
R4211	ERJ3GEY0R00V	0 1/16W	[M]
R5203	ERJ3GEYJ563V	56K 1/16W	[M]
R5204	ERJ3GEYJ223V	22K 1/16W	[M]
R5211	ERJ3GEYJ2R2V	2.2 1/16W	[M]
R5212	ERJ12YJ270H	27 1/2W	[M]
R5213	ERJ3GEYJ473V	47K 1/16W	[M]
R5214	ERJ3GEYJ223V	22K 1/16W	[M]
R5215	ERJ3GEYJ2R2V	2.2 1/16W	[M]
R5216	ERJ12YJ270H	27 1/2W	[M]
R5217	ERJ3GEYJ473V	47K 1/16W	[M]
R5221	ERJ3GEYJ822V	8.2K 1/16W	[M]
R5222	ERJ3GEYJ822V	8.2K 1/16W	[M]
R5232	ERJ3RBD123V	12K 3W	[M]
R5235	ERJ3GEYJ105V	1M 1/16W	[M]
R5236	ERJ3GEY0R00V	0 1/16W	[M]
R5252	ERJ3GEYJ102V	1K 1/16W	[M]
R6201	ERJ3GEYJ103V	10K 1/16W	[M]
R6202	ERJ3GEYJ103V	10K 1/16W	[M]
R6204	ERJ3GEYJ103V	10K 1/16W	[M]
R6205	ERJ3GEYJ102V	1K 1/16W	[M]
R6301	ERJ3GEYJ103V	10K 1/16W	[M]
R6302	ERJ3GEYJ472V	4.7K 1/16W	[M]
R6303	ERJ3GEYJ102V	1K 1/16W	[M]
R6512	ERJ3RBD331V	330 3W	[M] ⚠
R6513	ERJ3GEYJ103V	10K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R6514	ERJ3GEYJ470V	47 1/16W	[M]
R6515	ERJ3GEYJ100V	10 1/16W	[M]
R7001	ERJ3GEYJ102V	1K 1/16W	[M]
R7002	ERJ3GEYJ473V	47K 1/16W	[M]
K2001	ERJ3GEY0R00V	0 1/16W	[M]
K3001	ERJ3GEY0R00V	0 1/16W	[M]
K3101	ERJ3GEY0R00V	0 1/16W	[M]
K3105	ERJ3GEY0R00V	0 1/16W	[M]
K3111	ERJ3GEY0R00V	0 1/16W	[M]
K3112	ERJ3GEY0R00V	0 1/16W	[M]
K3115	ERJ3GEY0R00V	0 1/16W	[M]
K3116	ERJ3GEY0R00V	0 1/16W	[M]
K3201	ERJ3GEY0R00V	0 1/16W	[M]
K3202	ERJ3GEY0R00V	0 1/16W	[M]
K4211	ERJ3GEY0R00V	0 1/16W	[M]
K6251	ERJ14Y0R00H	0 1/4W	[M]
RA2031	EXBV4V273JV	27K 1/16W	[M]
RA2032	EXBV4V472JV	4.7K 1/16W	[M]
RA2501	EXBV8V473JV	47K 1/16W	[M]
RA3008	EXBV4V103JV	10K 1/16W	[M]
RA3009	EXBV4V221JV	220 1/16W	[M]
RA3010	EXBV4V221JV	220 1/16W	[M]
RA3011	EXBV4V473JV	47K 1/16W	[M]
RA5231	EXBV8V101JV	100 1/16W	[M]
RA6201	EXBV4V103JV	10K 1/16W	[M]
RA6202	EXBV4V103JV	10K 1/16W	[M]
RA6203	EXBV4V103JV	10K 1/16W	[M]
RA6204	EXBV4V103JV	10K 1/16W	[M]
RA6205	EXBV8V473JV	47K 1/16W	[M]
RA6206	EXBV4V473JV	47K 1/16W	[M]
RA6207	EXBV4V472JV	4.7K 1/16W	[M]
RA7001	EXBV8V473JV	47K 1/16W	[M]
RA7002	EXBV8V473JV	47K 1/16W	[M]
RA7003	EXBV8V473JV	47K 1/16W	[M]
		CAPACITORS	
C1	ECEA1CKA101B	100 16V	[M]
C2	ECBT1E103ZF5	0.01 25V	[M]
C202	ECUV1H223KBN	0.022 50V	[M]
C205	ECUV1H101KCN	100P 50V	[M]
C206	ECUV1H101KCN	100P 50V	[M]
C209	ECUV1H102KBN	1000P 50V	[M]
C210	ECUV1H102KBN	1000P 50V	[M]
C211	ECEA1HKA4R7B	4.7 50V	[M]
C212	ECEA1HKA4R7B	4.7 50V	[M]
C213	ECEA1HKA4R7B	4.7 50V	[M]
C214	ECEA1HKA4R7B	4.7 50V	[M]
C215	ECUV1H681KBN	680P 50V	[M]
C216	ECUV1H681KBN	680P 50V	[M]
C217	ECUV1H330JCN	33P 50V	[M]
C218	ECUV1H330JCN	33P 50V	[M]
C219	ECUV1H103KBN	0.01 50V	[M]
C220	ECUV1H103KBN	0.01 50V	[M]
C221	ECEA1HKA3R3B	3.3 50V	[M]
C224	ECUV1H102KBN	1000P 50V	[M]
C225	ECUV1H103KBN	0.01 50V	[M]
C226	ECUV1H103KBN	0.01 50V	[M]
C229	ECUVNE104KBN	0.1 25V	[M]
C232	ECUV1H102KBN	1000P 50V	[M]
C233	ECUV1H470JCN	47P 50V	[M]
C234	ECUV1H470JCN	47P 50V	[M]
C235	ECUV1H470JCN	47P 50V	[M]
C236	ECUV1H103KBN	0.01 50V	[M]
C241	ECUZ1H101JCN	100P 50V	[M]
C261	ECEA1HKA4R7B	4.7 50V	[M]
C262	ECEA1HKA4R7B	4.7 50V	[M]
C263	ECUV1H101KCN	100P 50V	[M]
C264	ECUV1H101KCN	100P 50V	[M]
C265	ECUV1H101KCN	100P 50V	[M]
C266	ECUV1H101KCN	100P 50V	[M]
C267	ECUV1H102KBN	1000P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C268	ECUV1H102KBN	1000P 50V	[M]
C269	ECEA1CKA100B	10 16V	[M]
C270	ECEA1CKA100B	10 16V	[M]
C271	ECUV1H103KBN	0.01 50V	[M]
C272	ECUV1H103KBN	0.01 50V	[M]
C273	ECEA1HKA3R3B	3.3 50V	[M]
C274	ECEA1HKA3R3B	3.3 50V	[M]
C275	ECEA1CKA220B	22 16V	[M]
C280	ECUV1C683KBV	0.068 16V	[M]
C281	ECUV1C683KBV	0.068 16V	[M]
C282	ECEA1HKA010B	1 50V	[M]
C283	ECEA1AKA470B	47 10V	[M]
C284	ECEA1AKA470B	47 10V	[M]
C285	ECUV1C683KBV	0.068 16V	[M]
C286	ECUVNA154KBV	0.15 10V	[M]
C287	ECUV1H472KBN	4700P 50V	[M]
C288	ECUV1C683KBV	0.068 16V	[M]
C289	ECUV1C683KBV	0.068 16V	[M]
C290	ECEA1AKA330B	33 10V	[M]
C291	ECUV1H471KBN	470P 50V	[M]
C292	ECEA1HKA010B	1 50V	[M]
C293	ECUV1C683KBV	0.068 16V	[M]
C294	ECUV1C683KBV	0.068 16V	[M]
C301	ECUV1H101KCN	100P 50V	[M]
C302	ECUV1H101KCN	100P 50V	[M]
C303	ECUV1H330JCN	33P 50V	[M]
C304	ECUV1H330JCN	33P 50V	[M]
C305	ECEA1HKA010B	1 50V	[M]
C306	ECEA1HKA010B	1 50V	[M]
C307	ECEA1CKA100B	10 16V	[M]
C308	ECEA1CKA100B	10 16V	[M]
C309	ECUV1H101KCN	100P 50V	[M]
C310	ECUV1H101KCN	100P 50V	[M]
C311	ECUV1H102KBN	1000P 50V	[M]
C312	ECUV1H470JCN	47P 50V	[M]
C313	ECUV1H103KBN	0.01 50V	[M]
C314	ECUV1H103KBN	0.01 50V	[M]
C315	ECEA1CKA100B	10 16V	[M]
C316	ECEA1HKA010B	1 50V	[M]
C318	ECEA1CKA100B	10 16V	[M]
C319	ECEA1HKA010B	1 50V	[M]
C320	ECEA1HKA010B	1 50V	[M]
C321	ECEA1HKA010B	1 50V	[M]
C322	ECEA1HKA010B	1 50V	[M]
C332	ECEA1AKN100B	10 10V	[M]
C351	ECEA1CKA330B	33 16V	[M]
C352	ECUVNE104KBN	0.1 25V	[M]
C353	ECEA0JKA101B	100 6.3V	[M]
C354	ECEA0JKA221B	220 6.3V	[M]
C355	ECEA1HKA2R2B	2.2 50V	[M]
C371	ECEA1HKA4R7B	4.7 50V	[M]
C381	ECUV1H103KBN	0.01 50V	[M]
C382	ECUV1H103KBN	0.01 50V	[M]
C383	ECEA1CKA100B	10 16V	[M]
C384	ECEA1CKA100B	10 16V	[M]
C385	ECUV1H103KBN	0.01 50V	[M]
C386	ECUV1H103KBN	0.01 50V	[M]
C401	ECUV1E223KBN	0.022 25V	[M]
C441	ECUZ1H101JCN	100P 50V	[M]
C451	ECUV1H103KBN	0.01 50V	[M]
C452	ECUV1H103KBN	0.01 50V	[M]
C453	ECUV1E223KBN	0.022 25V	[M]
C456	ECUV1H103KBN	0.01 50V	[M]
C457	ECEA0JKA470B	47 6.3V	[M]
C458	ECUVNE104KBN	0.1 25V	[M]
C461	ECUV1H103KBN	0.01 50V	[M]
C462	ECUV1H103KBN	0.01 50V	[M]
C463	ECEA0JKA470B	47 6.3V	[M]
C501	ECBT1H681KB5	680P 50V	[M]
C502	ECBT1H681KB5	680P 50V	[M]
C503	ECBT1H681KB5	680P 50V	[M]
C504	ECBT1H681KB5	680P 50V	[M]
C505	ECBT1H681KB5	680P 50V	[M]
C506	ECBT1H681KB5	680P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C507	ECBT1H180JC5	18P 50V	[M]
C508	ECBT1H180JC5	18P 50V	[M]
C509	ECBT1H220JC5	22P 50V	[M]
C510	ECBT1H220JC5	22P 50V	[M]
C511	ECBT1H220JC5	22P 50V	[M]
C512	ECBT1H220JC5	22P 50V	[M]
C513	ECBT1H473KB5	0.047 50V	[M]
C514	ECEA0JKA101B	100 6.3V	[M]
C515	ECKR2H103ZF5	0.01 500V	[M]
C516	ECKR2H103ZF5	0.01 500V	[M]
C517	ECBT1C103NS5	0.01 16V	[M]
C520	ECBT1H104KB5	0.1 50V	[M]
C521	ECBT1H473KB5	0.047 50V	[M]
C522	ECBT1H473KB5	0.047 50V	[M]
C523	ECBT1H473KB5	0.047 50V	[M]
C524	ECBT1H473KB5	0.047 50V	[M]
C525	ECBT1H473KB5	0.047 50V	[M]
C526	ECBT1H473KB5	0.047 50V	[M]
C527	ECA0JM221B	220 6.3V	[M]
C531	ECBT1H473KB5	0.047 50V	[M]
C532	ECBT1H473KB5	0.047 50V	[M]
C533	ECBT1H473KB5	0.047 50V	[M]
C534	ECBT1H473KB5	0.047 50V	[M]
C535	ECBT1H473KB5	0.047 50V	[M]
C536	ECBT1H473KB5	0.047 50V	[M]
C537	ECBT1H102KB5	1000P 50V	[M]
C538	ECBT1H102KB5	1000P 50V	[M]
C539	ECBT1H102KB5	1000P 50V	[M]
C540	ECBT1H102KB5	1000P 50V	[M]
C565	ECBT1C103NS5	0.01 16V	[M]
C566	RCE1VFW332BJ	3300P 50V5	[M] ⚠
C567	RCE1VFW562BJ	5600P 50V5	[M] ⚠
C568	RCE1VFW562BJ	5600P 50V5	[M] ⚠
C569	RCE1VFW332BJ	3300P 50V5	[M] ⚠
C570	ECQE1104KF3	0.1 100V	[M]
C571	ECQE1104KF3	0.1 100V	[M]
C572	ECBT1H102KB5	1000P 50V	[M]
C574	ECEA1HM470B	47 50V	[M]
C575	ECBT1H103KB5	0.01 50V	[M]
C576	ECA1EM101B	100 25V	[M]
C577	ECBT1H103KB5	0.01 50V	[M]
C578	ECEA1AKA330B	33 10V	[M]
C579	ECEA1CKA470B	47 16V	[M]
C580	ECBT1H102KB5	1000P 50V	[M]
C581	ECEA1HKAR47B	0.47 50V	[M]
C582	ECA1EM331B	330 25V	[M]
C583	ECA1EM331B	330 25V	[M]
C584	ECEA1HM101B	100 50V	[M]
C585	ECEA1HM101B	100 50V	[M]
C586	ECEA1JM101B	100 63V	[M]
C587	ECEA1JM101B	100 63V	[M]
C588	ECKR2H102ZF5	1000P 500V	[M]
C589	ECA1HM100B	10 50V	[M]
C591	ECEA1EM222B	2200 25V	[M] ⚠
C592	ECBT1H103KB5	0.01 50V	[M]
C593	RCEA1C102B-S	1000P 16V	[M]
C594	RCEA1C102B-S	1000P 16V	[M]
C595	ECEA1VKA4R7B	4.7 35V	[M]
C596	ECBT1H103KB5	0.01 50V	[M]
C597	ECEA1AKA470B	47 10V	[M]
C599	ECQE1104KF3	0.1 100V	[M]
C601	ECUV1H101KCV	100P 50V	[M]
C602	ECUV1H101KCV	100P 50V	[M]
C603	ECUVNC104KBV	0.1 16V	[M]
C604	ECUV1H561KBV	560P 50V	[M]
C605	ECUV1H561KBV	560P 50V	[M]
C606	ECUV1H561KBV	560P 50V	[M]
C607	ECUV1H561KBV	560P 50V	[M]
C610	ECUV1H561KBV	560P 50V	[M]
C612	ECUV1H103ZFV	0.01 50V	[M]
C613	ECUV1H103ZFV	0.01 50V	[M]
C614	ECEA1HKA2R2B	2.2 50V	[M]
C615	ECUV1H150KCV	15P 50V	[M]
C616	ECUV1H180JCV	18P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C621	ECUV1H102KBV	1000P 50V	[M]
C622	ECUV1H331KBV	330P 50V	[M]
C623	ECEA0JKA101B	100 6.3V	[M]
C624	ECUV1H102KBV	1000P 50V	[M]
C625	ECUV1H102KBV	1000P 50V	[M]
C626	ECEA0JM102B	1000 6.3V	[M]
C627	ECUV1E103KBV	0.01 25V	[M]
C629	ECEA1AKA220B	22 10V	[M]
C630	ECUVNC104KBV	0.1 16V	[M]
C631	ECUVNC104KBV	0.1 16V	[M]
C632	RCE1HKAR10BG	0.10P 50V	[M]
C633	ECEA1CKA100B	10 16V	[M]
C634	ECUV1E103KBV	0.01 25V	[M]
C635	ECUV1E103KBV	0.01 25V	[M]
C636	ECEA1HKA3R3B	3.3 50V	[M]
C637	ECEA1HKA3R3B	3.3 50V	[M]
C638	ECUV1H103ZFV	0.01 50V	[M]
C639	ECEA1HKA3R3B	3.3 50V	[M]
C640	ECUVNE223KBV	0.022 25V	[M]
C641	ECUVNE223KBV	0.022 25V	[M]
C651	ECUV1H101KCV	100P 50V	[M]
C652	ECUV1H101KCV	100P 50V	[M]
C653	ECUVNE104KBN	0.1 25V	[M]
C673	ECUV1H103ZFV	0.01 50V	[M]
C674	ECUVNE104KBN	0.1 25V	[M]
C701	ECEA1CKA100B	10 16V	[M]
C703	ECEA1CKA220B	22 16V	[M]
C704	ECUV1H471KBN	470P 50V	[M]
C707	ECUV1H470JCN	47P 50V	[M]
C708	ECUVNE104KBN	0.1 25V	[M]
C709	ECUVNE104KBN	0.1 25V	[M]
C710	ECEA1CKA100B	10 16V	[M]
C711	ECEA1CKA220B	22 16V	[M]
C713	ECUV1H222KBN	2200P 50V	[M]
C715	ECEA1CKA220B	22 16V	[M]
C716	ECUV1H222KBN	2200P 50V	[M]
C718	ECUV1H103KBN	0.01 50V	[M]
C719	ECUV1H103KBN	0.01 50V	[M]
C720	ECEA1CKA100B	10 16V	[M]
C722	ECEA1CKA100B	10 16V	[M]
C723	ECEA1CKA220B	22 16V	[M]
C724	ECUV1H222KBN	2200P 50V	[M]
C726	ECUV1H471KBN	470P 50V	[M]
C727	ECUV1H470JCN	47P 50V	[M]
C728	ECUV1H470JCN	47P 50V	[M]
C729	ECEA1CKA220B	22 16V	[M]
C730	ECEA1CKA100B	10 16V	[M]
C731	ECUV1H222KBN	2200P 50V	[M]
C735	ECEA1CKA220B	22 16V	[M]
C736	ECEA1CKA100B	10 16V	[M]
C739	ECUVNA105KBN	10 10V	[M]
C740	ECA1EM101B	100 25V	[M]
C741	ECEA1CKA100B	10 16V	[M]
C742	ECEA1CKA100B	10 16V	[M]
C743	ECEA1CKA100B	10 16V	[M]
C744	ECEA1CKA100B	10 16V	[M]
C748	ECUV1H103KBN	0.01 50V	[M]
C749	ECEA1CKA220B	22 16V	[M]
C750	ECEA1CKA220B	22 16V	[M]
C757	ECUV1H222KBN	2200P 50V	[M]
C758	ECUV1H222KBN	2200P 50V	[M]
C759	ECUV1H221KBN	220P 50V	[M]
C760	ECUV1H221KBN	220P 50V	[M]
C761	ECUV1H102KBN	1000P 50V	[M]
C762	ECEA1CKA100B	10 16V	[M]
C763	ECUV1H102KBN	1000P 50V	[M]
C764	ECUV1H103KBN	0.01 50V	[M]
C765	ECEA1AKA101B	100 10V	[M]
C766	ECUV1H102KBN	1000P 50V	[M]
C767	ECEA1CKA100B	10 16V	[M]
C768	ECA1AM222B	2200 10V	[M]
C769	ECUV1H221KBN	220P 50V	[M]
C774	EEUFC0J821B	820 6.3V	[M]
C775	ECEA1AKA101B	100 10V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C779	ECA0JM102B	1000P 6.3V	[M]
C780	ECA0JM102B	1000P 6.3V	[M]
C781	ECEA1HKA3R3B	3.3 50V	[M]
C782	ECEA1EM472B	4700 25V	[M] ⚠
C783	ECQE1104KF3	0.1 100V	[M]
C784	ECUVNE104KBN	0.1 25V	[M]
C785	ECUV1H471KBN	470P 50V	[M]
C786	ECUV1H471KBN	470P 50V	[M]
C788	EEUFC0J821B	820 6.3V	[M]
C789	ECUV1H470JCN	47P 50V	[M]
C790	ECUV1H470JCN	47P 50V	[M]
C791	ECUVNE104KBN	0.1 25V	[M]
C792	ECUVNE104KBN	0.1 25V	[M]
C793	ECUV1H471KBN	470P 50V	[M]
C794	ECUV1H471KBN	470P 50V	[M]
C795	ECUV1H470JCN	47P 50V	[M]
C796	ECUV1H470JCN	47P 50V	[M]
C801	ECEA1HKA010B	1 50V	[M]
C802	ECEA1HKA010B	1 50V	[M]
C803	ECEA1HKA010B	1 50V	[M]
C804	ECEA1HKA010B	1 50V	[M]
C805	ECEA1HKA010B	1 50V	[M]
C806	ECEA1HKA010B	1 50V	[M]
C807	ECEA1HKA010B	1 50V	[M]
C808	ECEA1HKA010B	1 50V	[M]
C810	ECUV1H103KBN	0.01 50V	[M]
C811	ECUV1H050DCN	5P 50V	[M]
C812	ECUV1H120JCN	12P 50V	[M]
C813	ECEA1HKA010B	1 50V	[M]
C814	ECUV1H103KBN	0.01 50V	[M]
C815	EEAFC0J101B	100P 6.3V	[M]
C816	ECUV1H222KBN	2200P 50V	[M]
C817	ECUV1H103KBN	0.01 50V	[M]
C818	ECEA1HKA010B	1 50V	[M]
C819	ECUV1H103KBN	0.01 50V	[M]
C820	ECUV1H222KBN	2200P 50V	[M]
C821	ECUV1H103KBN	0.01 50V	[M]
C822	ECEA0JKA470B	47 6.3V	[M]
C823	EEAFC0J101B	100P 6.3V	[M]
C824	ECEA0JKA470B	47 6.3V	[M]
C825	ECEA0JKA101B	100 6.3V	[M]
C826	ECUV1H103KBN	0.01 50V	[M]
C827	ECEA1HKA010B	1 50V	[M]
C828	ECUV1H222KBN	2200P 50V	[M]
C829	ECEA1HKA010B	1 50V	[M]
C830	ECUV1H222KBN	2200P 50V	[M]
C831	ECEA1HKA010B	1 50V	[M]
C832	ECEA1HKA010B	1 50V	[M]
C833	ECUV1H105KBN	1 10V	[M]
C835	ECUV1H103KBN	0.01 50V	[M]
C836	ECUV1E223KBN	0.022 25V	[M]
C837	ECUVNA105KBN	10 10V	[M]
C838	ECUVNA105KBN	10 10V	[M]
C839	ECUVNA105KBN	10 10V	[M]
C840	ECEA1AKA221Q	220 10V	[M]
C841	ECUV1E223KBN	0.022 25V	[M]
C842	ECUV1H103KBN	0.01 50V	[M]
C843	ECEA1HKA4R7B	4.7 50V	[M]
C844	ECEA1HKA4R7B	4.7 50V	[M]
C845	ECEA0JKA101B	100 6.3V	[M]
C846	ECEA1HKA2R2B	2.2 50V	[M]
C847	ECEA1HKA2R2B	2.2 50V	[M]
C848	ECUV1H331KBN	330P 50V	[M]
C850	ECEA1HKA010B	1 50V	[M]
C851	ECEA1CKA100B	10 16V	[M]
C852	ECEA1CKA100B	10 16V	[M]
C853	ECUV1H221KBV	220P 50V	[M]
C854	ECEA1CKA100B	10 16V	[M]
C855	ECEA1HKA010B	1 50V	[M]
C856	ECEA1CKA100B	10 16V	[M]
C857	ECEA1CKA100B	10 16V	[M]
C858	ECUV1H221KBV	220P 50V	[M]
C859	ECEA1HKA2R2B	2.2 50V	[M]
C860	ECUV1H470JCN	47P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C861	ECUV1H470JCN	47P 50V	[M]
C862	ECUVNE104KBN	0.1 25V	[M]
C863	ECUV1H103ZFV	0.01 50V	[M]
C864	ECUV1H101KCV	100P 50V	[M]
C865	ECEA1HKA3R3B	3.3 50V	[M]
C867	ECEA1AKA330B	33 10V	[M]
C868	ECEA1HKAR15B	0.15 50V	[M]
C869	ECEA1CKA100B	10 16V	[M]
C870	RCE1HKA010BG	1P 50V	[M]
C871	ECEA1HKA3R3B	3.3 50V	[M]
C872	ECUV1H101KCV	100P 50V	[M]
C874	ECEA1AKA330B	33 10V	[M]
C875	ECEA1HKAR15B	0.15 50V	[M]
C876	ECEA1CKA100B	10 16V	[M]
C877	ECUVNE104KBN	0.1 25V	[M]
C878	ECEA1HKA010B	1 50V	[M]
C884	ECUVNE104KBN	0.1 25V	[M]
C885	ECUVNE104KBN	0.1 25V	[M]
C886	ECUV1H470JCN	47P 50V	[M]
C887	ECEA1CKA100B	10 16V	[M]
C889	ECUV1H223KBN	0.022 50V	[M]
C890	ECUV1H223KBN	0.022 50V	[M]
C945	ECEA1HKA010B	1 50V	[M]
C1101	ECA1HAK010XB	1 16V	[M]
C1102	ECUV1H102KBV	1000P 50V	[M]
C1103	ECA1CAK101XB	100 16V	[M]
C1104	ECUVNC333KBV	0.033 16V	[M]
C1105	ECUV1H681KBV	680P 50V	[M]
C1106	ECA1HAK3R3XB	3.3 50V	[M]
C1107	ECUV1H152KBV	1500P 50V	[M]
C1108	ECA1CAK100XB	10 16V	[M]
C1109	ECA1HAK3R3XB	3.3 50V	[M]
C1201	ECA1HAK010XB	1 50V	[M]
C1202	ECUV1H102KBV	1000P 50V	[M]
C1203	ECA1CAK101XB	100 16V	[M]
C1204	ECUVNC333KBV	0.033 16V	[M]
C1205	ECUV1H681KBV	680P 50V	[M]
C1206	ECA1HAK3R3XB	3.3 50V	[M]
C1207	ECUV1H152KBV	1500P 50V	[M]
C1208	ECA1HAK3R3XB	3.3 50V	[M]
C1209	ECA1HAK3R3XB	3.3 50V	[M]
C1301	ECEA1HKA0R1B	0.1 50V	[M]
C1302	ECUVNC333KBV	0.033 16V	[M]
C1303	ECUVNC333KBV	0.033 16V	[M]
C1304	ECEA1HKA4R7B	4.7 50V	[M]
C1305	ECA1CAK330XB	33 16V	[M]
C1306	ECA1CAK100XB	10 16V	[M]
C1307	ECA1AAK221XQ	220 10V	[M]
C1308	ECA1CAK220XB	22 16V	[M]
C1310	ECA1HAK0R1XB	0.1 50V	[M]
C1311	ECA1CAK470XB	47 16V	[M]
C1312	ECUV1H332KBV	3300P 50V	[M]
C1314	ECUV1H222KBV	2200P 50V	[M]
C1315	ECUV1H222KBV	2200P 50V	[M]
C1316	ECUV1H102KBV	1000P 50V	[M]
C1317	ECUV1H102KBV	1000P 50V	[M]
C1318	ECQV1H473JL3	0.047 50V	[M]
C1319	ECA1CAK101XB	100 16V	[M]
C1320	ECA1HAK010XB	1 50V	[M]
C1321	ECQP2A472JZT	4700P 100V	[M]
C1322	ECQP2A102JZT	1000P 100V	[M]
C1323	ECEA1HKN010B	1 50V	[M]
C1324	ECA1CAK470XB	47 16V	[M]
C1325	ECUV1E103KBV	0.01 25V	[M]
C1326	ECA1CAK100XB	10 16V	[M]
C1371	ECUV1H103KBV	0.01 50V	[M]
C1372	ECUV1E223KBN	0.022 25V	[M]
C1373	ECUV1E223KBN	0.022 25V	[M]
C2001	EEVHB0G101R	100P 4V	[M]
C2002	EEVHB0G101R	100P 4V	[M]
C2003	EEVHB0G101R	100P 4V	[M]
C2004	ECUVNC104ZFV	0.1 16V	[M]
C2005	ECUVNC104ZFV	0.1 16V	[M]
C2006	ECUVNC104ZFV	0.1 16V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C2007	ECUVNC104ZFV	0.1 16V	[M]
C2008	ECUVNC104ZFV	0.1 16V	[M]
C2009	ECUVNC104ZFV	0.1 16V	[M]
C2010	ECUV1H221KBV	220P 50V	[M]
C2011	ECUVNC104KBV	0.1 16V	[M]
C2012	ECUV1C473KBV	0.047 16V	[M]
C2013	ECUVNC104KBV	0.1 16V	[M]
C2014	ECUVNC104ZFV	0.1 16V	[M]
C2015	ECUVNC104ZFV	0.1 1V6	[M]
C2021	ECUVNC104ZFV	0.1 16V	[M]
C2022	ECUVNC104ZFV	0.1 16V	[M]
C2023	ECUVNC104ZFV	0.1 16V	[M]
C2024	ECUVNC104ZFV	0.1 16V	[M]
C2032	ECUV1H102JCV	1000P 50V	[M]
C2033	ECUV1H102JCV	1000P 50V	[M]
C2034	ECUV1H102JCV	1000P 50V	[M]
C2035	ECUV1H331JCV	330P 50V	[M]
C2036	ECUV1H331JCV	330P 50V	[M]
C2037	ECUV1H681JCV	680P 50V	[M]
C2038	ECUV1H561JCV	560P 50V	[M]
C2039	ECUVNC104KBV	0.1 16V	[M]
C2040	ECUVNC104KBV	0.1 16V	[M]
C2041	ECUV1H682KBV	6800P 50V	[M]
C2042	ECUV1H272KBV	2700P 50V	[M]
C2043	ECUVNC104ZFV	0.1 16V	[M]
C2044	ECUVNC104ZFV	0.1 16V	[M]
C2045	ECUV1H470JCV	47P 50V	[M]
C2046	ECUV1C183KBV	0.018 16V	[M]
C2047	ECUV1C103KBV	0.01 16V	[M]
C2048	ECUV1H103KBV	0.01 50V	[M]
C2049	ECUV1C474KBN	0.47 16V	[M]
C2050	ECUVNC393KBV	0.039 16V	[M]
C2051	ECUV1H822KBV	8200P 50V	[M]
C2061	ECUVNC104KBV	0.1 16V	[M]
C2501	EEVFC0J221P	220P 6.3V	[M]
C2502	ECEV1CA101WP	100 16V	[M]
C2503	ECEV1CA220WR	22 16V	[M]
C2504	ECUVNC104ZFV	0.1 16V	[M]
C2505	ECUVNC104ZFV	0.1 16V	[M]
C2506	ECUVNC104ZFV	0.1 16V	[M]
C2507	ECUVNC104ZFV	0.1 16V	[M]
C2508	ECUVNC104ZFV	0.1 16V	[M]
C2509	EEVFC1C100R	10P 16V	[M]
C2511	ECUVNC104ZFV	0.1 16V	[M]
C2512	ECUVNC104ZFV	0.1 16V	[M]
C2513	ECUVNC104ZFV	0.1 16V	[M]
C3001	ECEV0JA331P	330 6.3V	[M]
C3002	ECEV0JA331P	330 6.3V	[M]
C3003	ECEV0JA331P	330 6.3V	[M]
C3004	ECUVNA105ZFV	10 10V	[M]
C3005	ECUVNC104ZFV	0.1 16V	[M]
C3006	ECUVNC104ZFV	0.1 16V	[M]
C3007	ECUVNA105ZFV	10 10V	[M]
C3008	ECUVNA105ZFV	10 10V	[M]
C3009	ECUVNC104ZFV	0.1 16V	[M]
C3010	ECUVNC104ZFV	0.1 16V	[M]
C3011	ECUVNC104ZFV	0.1 16V	[M]
C3012	ECUVNA105ZFV	10 10V	[M]
C3013	ECUVNA105ZFV	10 10V	[M]
C3014	ECUVNC104ZFV	0.1 16V	[M]
C3015	ECUVNC104ZFV	0.1 16V	[M]
C3016	ECUVNA105ZFV	10 10V	[M]
C3017	ECUVNC104ZFV	0.1 16V	[M]
C3018	ECUVNC104ZFV	0.1 16V	[M]
C3019	ECUVNA105ZFV	10 10V	[M]
C3020	ECUVNA105ZFV	10 10V	[M]
C3021	ECUVNC104ZFV	0.1 16V	[M]
C3022	ECUVNC104ZFV	0.1 16V	[M]
C3023	ECUVNC104ZFV	0.1 16V	[M]
C3024	ECUVNA105ZFV	10 10V	[M]
C3025	ECUVNC104ZFV	0.1 16V	[M]
C3026	ECUVNA105ZFV	10 10V	[M]
C3027	ECUVNC104ZFV	0.1 16V	[M]
C3028	ECUVNC104ZFV	0.1 16V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C3029	ECUVNC104ZFV	0.1 16V	[M]
C3030	ECUVNA105ZFV	10 10V	[M]
C3031	ECUVNC104ZFV	0.1 16V	[M]
C3032	ECUVNC104ZFV	0.1 16V	[M]
C3033	ECUVNC104ZFV	0.1 16V	[M]
C3034	ECUVNC104ZFV	0.1 16V	[M]
C3035	ECUVNC104ZFV	0.1 16V	[M]
C3036	ECUV1H220JCV	22P 50V	[M]
C3041	ECUVNC104ZFV	0.1 16V	[M]
C3042	ECUVNC104ZFV	0.1 16V	[M]
C3051	ECUVNC104ZFV	0.1 16V	[M]
C3052	RCST1AY106RE	10 10V	[M]
C3060	ECUVNC104KBV	0.1 16V	[M]
C3061	ECUVNC104ZFV	0.1 16V	[M]
C3062	ECUVNC104ZFV	0.1 16V	[M]
C3063	ECUVNC104ZFV	0.1 16V	[M]
C3064	ECUVNC104ZFV	0.1 16V	[M]
C3065	ECUVNA105ZFV	10 10V	[M]
C3066	ECUVNC104ZFV	0.1 16V	[M]
C3080	ECEV0JA331P	330 6.3V	[M]
C3081	ECUVNC104ZFV	0.1 16V	[M]
C3082	ECUVNC104ZFV	0.1 16V	[M]
C3083	ECUVNA105KBN	10 10V	[M]
C3084	ECUVNA105KBN	10 10V	[M]
C3085	ECUVNA105KBN	10 10V	[M]
C3086	ECUVNA105KBN	10 10V	[M]
C3087	ECUVNC104ZFV	0.1 16V	[M]
C3088	ECUVNC104ZFV	0.1 16V	[M]
C3089	ECUVNC104ZFV	0.1 16V	[M]
C3091	ECUVNC104ZFV	0.1 16V	[M]
C3092	ECUVNC104ZFV	0.1 16V	[M]
C3093	RCST1AY106RE	10 10V	[M]
C3209	ECUVNC104ZFV	0.1 16V	[M]
C3210	ECUVNC104ZFV	0.1 16V	[M]
C3301	EEVHB0J101P	100P 6.3V	[M]
C3302	ECUVNC104ZFV	0.1 16V	[M]
C3303	EEVHB1C100R	10P 16V	[M]
C3305	ECUV1C103KBV	0.01 16V	[M]
C3307	ECUV1C103KBV	0.01 16V	[M]
C3308	ECUV1H150JCV	15P 50V	[M]
C4201	ECEV0JA331P	330 6.3V	[M]
C4208	ECUVNC104ZFV	0.1 16V	[M]
C4209	ECUVNC104ZFV	0.1 16V	[M]
C4210	ECUVNC104ZFV	0.1 16V	[M]
C4213	RCST1AY106RE	10 10V	[M]
C4215	ECUVNC104ZFV	0.1 16V	[M]
C4216	EEVHB0J101P	100P 6.3V	[M]
C4217	ECUVNC104KBV	0.1 16V	[M]
C4218	ECUVNC104KBV	0.1 16V	[M]
C4222	ECEV0JA331P	330 6.3V	[M]
C5201	EEVHB1C100R	10P 16V	[M]
C5202	EEVHB1C100R	10P 16V	[M]
C5203	ECUVNC104ZFV	0.1 16V	[M]
C5204	ECUVNC104ZFV	0.1 16V	[M]
C5205	ECUV1H102JCV	1000P 50V	[M]
C5206	ECUV1H102JCV	1000P 50V	[M]
C5207	ECUV1H102JCV	1000P 50V	[M]
C5208	ECUV1H102JCV	1000P 50V	[M]
C5211	EEVHB0J470R	47 6.3V	[M]
C5215	EEVHB0J470R	47 6.3V	[M]
C5221	ECUVNC104ZFV	0.1 16V	[M]
C5223	ECUVNC104ZFV	0.1 16V	[M]

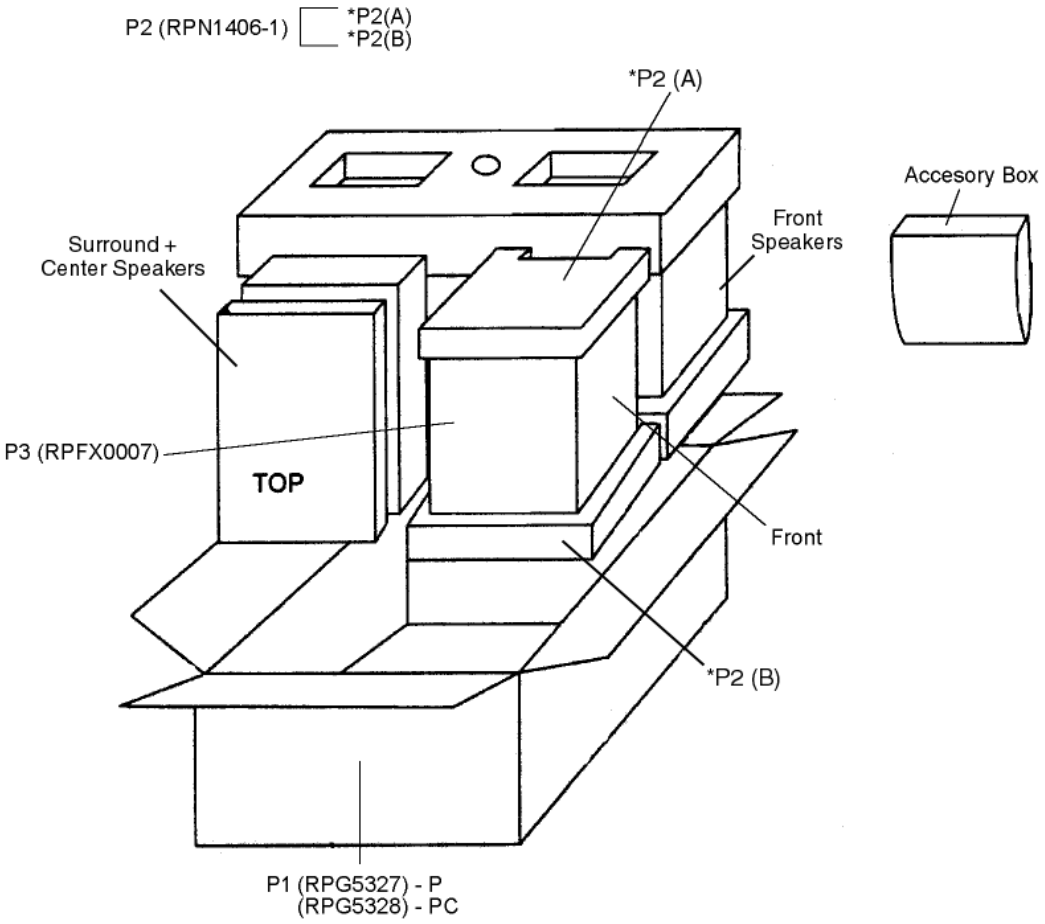
Ref. No.	Part No.	Part Name & Description	Remarks
C5224	ECUVNC104KBV	0.1 16V	[M]
C5225	ECUVNC104KBV	0.1 16V	[M]
C5231	ECUV1H101JCV	100P 50V	[M]
C5232	ECUVNC104ZFV	0.1 16V	[M]
C5233	ECUVNC104ZFV	0.1 16V	[M]
C5234	ECUV1H222KBV	2200P 50V	[M]
C5235	ECUV1H391JCV	390P 50V	[M]
C5236	ECUV1H102JCV	1000P 50V	[M]
C5237	ECUVNC104KBV	0.1 16V	[M]
C5238	ECUV1A224KBV	0.22 10V	[M]
C5239	ECUVNC104KBV	0.1 16V	[M]
C5240	ECUV1H561JCV	560P 50V	[M]
C5242	ECUV1H472KBV	4700P 50V	[M]
C5251	ECUVNC104ZFV	0.1 16V	[M]
C5252	VCS1AS106R	10 10V	[M]
C5253	ERJ3GEYJ472V	4700P 1/16W	[M]
C6201	EEVHB0J330R	33 6.3V	[M]
C6202	ECUVNC104ZFV	0.1 16V	[M]
C6203	ECUVNC104ZFV	0.1 16V	[M]
C6204	ECUVNC104ZFV	0.1 16V	[M]
C6205	ECUVNC104ZFV	0.1 16V	[M]
C6206	ECUVNC104ZFV	0.1 16V	[M]
C6211	ECUVNC104ZFV	0.1 16V	[M]
C6221	ECUVNC104ZFV	0.1 16V	[M]
C6222	ECUVNC104ZFV	0.1 16V	[M]
C6251	ECUVNA105ZFV	10 10V	[M]
C6252	ECUV1H471JCV	470P 50V	[M]
C6253	RCST1AY106RE	10 10V	[M]
C6257	EEVHB0J101P	100P 6.3V	[M]
C6301	ECUVNC104KBV	0.1 16V	[M]
C6302	ECUVNC104KBV	0.1 16V	[M]
C6303	ECUVNC104ZFV	0.1 16V	[M]
C6304	ECUVNC104ZFV	0.1 16V	[M]
C6305	ECUVNC104ZFV	0.1 16V	[M]
C6501	EEVHB0J330R	33 6.3V	[M]
C6502	EEVHB1C100R	10P 16V	[M]
C6503	ECUVNC104ZFV	0.1 16V	[M]
C6504	ECUVNC104ZFV	0.1 16V	[M]
C6505	ECUVNC104ZFV	0.1 16V	[M]
C6511	ECUV1H150JCV	15P 50V	[M]
C6512	ECUV1H150JCV	15P 50V	[M]
C6553	ECUVNC104ZFV	0.1 16V	[M]
C7001	EEVHB0G101R	100P 4V	[M]
C7002	EEVHB0G101R	100P 4V	[M]
C7011	ECUVNC104ZFV	0.1 16V	[M]
C7012	ECUVNC104ZFV	0.1 16V	[M]
C7013	ECUVNC104ZFV	0.1 16V	[M]
C7014	ECUVNC104ZFV	0.1 16V	[M]
C7015	ECUVNC104ZFV	0.1 16V	[M]
C7016	ECUVNC104ZFV	0.1 16V	[M]
C7017	ECUVNC104ZFV	0.1 16V	[M]
C7018	ECUVNC104ZFV	0.1 16V	[M]
C7019	ECUVNC104ZFV	0.1 16V	[M]
C7020	ECUVNC104ZFV	0.1 16V	[M]
C7021	ECUVNC104ZFV	0.1 16V	[M]
C7022	ECUVNC104ZFV	0.1 16V	[M]
C7023	ECUVNC104ZFV	0.1 16V	[M]
C7024	ECUVNC104ZFV	0.1 16V	[M]
C7025	ECUVNC104ZFV	0.1 16V	[M]
C7026	ECUVNC104ZFV	0.1 16V	[M]
C7027	ECUVNC104ZFV	0.1 16V	[M]

16.5. Packing Materials & Accessories Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		PACKING MATERIALS	
P1	RPG5327	PACKING CASE	[M]P
P1	RPG5328	PACKING CASE	[M]PC
P2	RPN1406-1	POLYFOAM	[M]
P3	RPFX0007	MIRAMAT BAG	[M]
		ACCESSORIES	

Ref. No.	Part No.	Part Name & Description	Remarks
A1	N2QAJB000023	REMOTE CONTROLLER	[M]
A1-1	RKK-SA958WK	R/C BATTERY COVER	[M]
A2	RJA0065-1D	AC CORD	[M] ⚠
A3	RQT5824-1P	O/I BOOK (En)	[M]
A3	RQT5825-C	O/I BOOK (Sp)	[M]PC
A4	RSA0006-J	FM ANTENNA	[M]
A5	RSA0033	AM LOOP ANTENNA	[M]
A6	RJL1P016B15A	VIDEO CABLE	[M]

16.6. Packaging



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