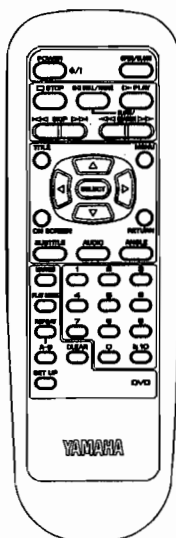


DVD PLAYER

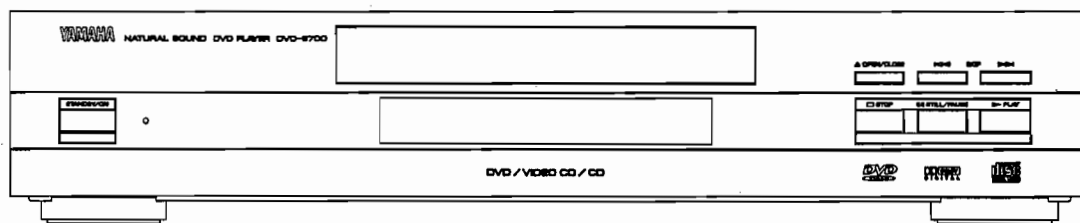
DVD-S700

SERVICE MANUAL

For R, A, G models



▼ R, A, G models



IMPORTANT NOTICE

This manual has been provided for the use of authorized YAMAHA Retailers and their service personnel. It has been assumed that basic service procedures inherent to the industry, and more specifically YAMAHA Products, are already known and understood by the users, and have therefore not been restated.

WARNING: Failure to follow appropriate service and safety procedures when servicing this product may result in personal injury, destruction of expensive components and failure of the product to perform as specified. For these reasons, we advise all YAMAHA product owners that all service required should be performed by an authorized YAMAHA Retailer or the appointed service representative.

IMPORTANT: The presentation or sale of this manual to any individual or firm does not constitute authorization, certification or recognition of any applicable technical capabilities, or establish a principle-agent relationship of any form.

The data provided is believed to be accurate and applicable to the unit(s) indicated on the cover. The research, engineering, and service departments of YAMAHA are continually striving to improve YAMAHA products. Modifications are, therefore, inevitable and specifications are subject to change without notice or obligation to retrofit. Should any discrepancy appear to exist, please contact the distributor's Service Division.

WARNING: Static discharges can destroy expensive components. Discharge any static electricity your body may have accumulated by grounding yourself to the ground buss in the unit (heavy gauge black wires connect to this buss).

IMPORTANT: Turn the unit OFF during disassembly and parts replacement. Recheck all work before you apply power to the unit.

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For R, A, G models

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SECTION 1 SPECIFICATIONS

Power requirements: For U, C models
AC 120 V, 60 Hz
For R model
AC 110—240 V, 50/60 Hz
For A, G models
AC 220—240 V, 50 Hz

Power consumption: For U, C models
24 W (approx. 1.8 W when power is OFF by the power button or the remote control)
For R, A, G models
22 W (approx. 4 W when set to standby mode by the STANDBY/ON button or the remote control)

Signal system: For U, C models
NTSC
For R model
NTSC/PAL
For A, G model
PAL 625/50, PAL 525/60

Weight: 7.9 lbs. (3.6 kg)

Dimensions: 17-3/16" (W) x 3-1/2" (H) x 11-3/16" (D)
[435 (W) x 87.5 (H) x 284 (D) mm]
(excluding protrusions)

Operating temperature range: +5 to +35°C (+41 to +95°F)

Operating humidity range: 5 to 90% (no condensation)

Discs played:

(1) DVD-VIDEO disc

- 5" (12 cm) single-sided, single-layer
- 5" (12 cm) single-sided, double-layer
- 5" (12 cm) double-sided, double-layer (one layer per side)
- 3" (8 cm) single-sided, single-layer
- 3" (8 cm) single-sided, double-layer
- 3" (8 cm) double-sided, double-layer (one layer per side)

(2) Compact disc (CD-DA, VIDEO CD)

- 5" (12 cm) disc
- 3" (8 cm) disc

S-video output: For U, C models
Y output level: 1 Vp-p (75Ω)
C output level: 0.286 Vp-p (75Ω) (NTSC)
Output connector: S terminal (1 system)
For R, A, G models
Y output level: 1 Vp-p (75Ω)
C output level: 0.300 Vp-p (75Ω)
Output connector: S terminal (1 system)

Video output:

Output level: 1 Vp-p (75Ω)
Output connector: Pin jack (2 systems)

Component video output:

For U, C models only
Y output level: 1 Vp-p (75Ω), green
P_B output level: 0.648 Vp-p (75Ω), blue
P_R output level: 0.648 Vp-p (75Ω), red
Output connector: Pin jack

Audio output:

Output level: 2 Vrms (1 kHz, 0 dB)
Output connector: Pin jack
5.1ch mixed output: 1 system (2ch)
5.1ch discrete output: 1 system (5.1ch)

Audio signal output characteristics:

- (1) Frequency response:
DVD (linear audio):
2 Hz to 22 kHz (48 kHz sampling)
2 Hz to 44 kHz (96 kHz sampling)
CD audio:
2 Hz to 20 kHz (EIAJ)
- (2) S/N ratio:
CD audio: 115 dB (EIAJ)
- (3) Dynamic range:
DVD (linear audio): 102 dB
CD audio: 99 dB (EIAJ)
- (4) Total harmonic distortion:
CD audio: 0.0025% (EIAJ)

Digital audio output:

Optical digital output: Optical connector
Coaxial digital output: Pin jack

Pickup: Wave length: 655 nm
Laser power: CLASS II

Specifications are subject to change without notice.
Weight and dimensions are approximate.

U U.S.A. model
C Canadian model
A Australian model

G European model
R General model

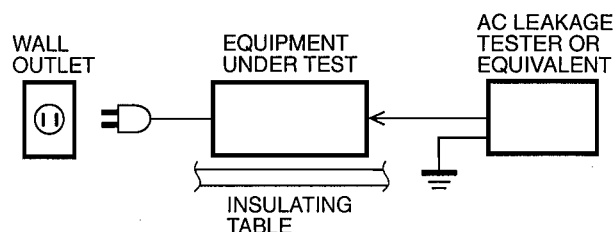
LOCALE MANAGEMENT INFORMATION

Locale Management Information : This DVD player is designed and manufactured to respond to the Locale Management Information that is recorded on a DVD disc. If the Locale number described on the DVD disc does not correspond to the Locale number of this DVD player, this DVD player cannot play this disc.

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

TO SERVICE PERSONNEL

1. Critical Components Information.
Components having special characteristics are marked $\triangle$ and must be replaced with parts having specifications equal to those originally installed.
2. Leakage Current Measurement (For 120V Models Only).
When service has been completed, it is imperative to verify that all exposed conductive surfaces are properly insulated from supply circuits.
 - Meter impedance should be equivalent to 1500 ohm shunted by 0.15 μ F.
 - Leakage current must not exceed 0.5mA.
 - Be sure to test for leakage with the AC plug in both polarities.



CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

THE COMPACT DISC PLAYER SHOULD NOT BE ADJUSTED OR REPAIRED BY ANYONE EXCEPT PROPERLY QUALIFIED SERVICE PERSONNEL.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs a laser. Therefore, be sure to carefully follow the instructions below when servicing.

1. Pickup
 - Wave length : 655 nm
 - Laser power : CLASS II
2. When checking the laser diode emission, keep your eyes more than 30 cm away from the objective lens.

WARNING: CHEMICAL CONTENT NOTICE!

The solder used in the production of this product contains LEAD. In addition, other electrical/electronic and/or plastic (where applicable) components may also contain traces of chemicals found by the California Health and Welfare Agency (and possibly other entities) to cause cancer and/or birth defects or other reproductive harm.

DO NOT PLACE SOLDER, ELECTRICAL/ELECTRONIC OR PLASTIC COMPONENTS IN YOUR MOUTH FOR ANY REASON WHATSOEVER!

Avoid prolonged, unprotected contact between solder and your skin! When soldering, do not inhale solder fumes or expose eyes to solder/flux vapor!

If you come in contact with solder or components located inside the enclosure of this product, wash your hands before handling food.

PREVENTION OF ELECTRO STATIC DISCHARGE (ESD) TO ELECTRO STATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety.

These parts are marked by Δ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

PRECAUTION OF LASER DIODE

CAUTION:

This unit utilizes a class I laser. Invisible laser radiation is emitted from the optical pickup lens when the unit is turned on:

1. Do not look directly into the pickup lens.
2. Do not use optical instruments to look at the pickup lens.
3. Do not adjust the preset variable resistor on the optical pickup.
4. Do not disassemble the optical pickup unit.
5. If the optical pickup is replaced, use the manufactures specified replacement pickup only.
6. Use of control or adjustment or performance of procedures other than those specified herin may result in hazardous radiation exposure.

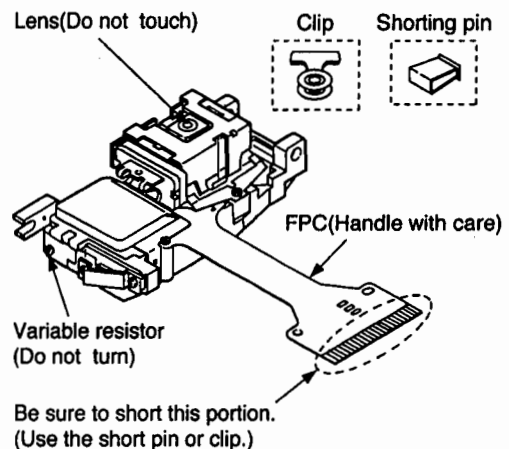
HANDLING PRECAUTIONS FOR TRAVERSE DECK

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

So be careful of electrostatic break down during repair of the optical pickup.

Handling of optical pickup

1. Do not subject the optical pickup to static electricity as it is extremely sensitive to electrical shock.
2. To prevent the breakdown of the laser diode, an antistatic shorting pin is inserted into the flexible board (FPC Board).
When removing or connecting the short pin, finish the job in as short times as possible.
3. Be careful not to apply excessive stress to the flexible board (FPC Board)
4. Do not turn the variable resistor (Laser power adjustment). It has already been adjusted.

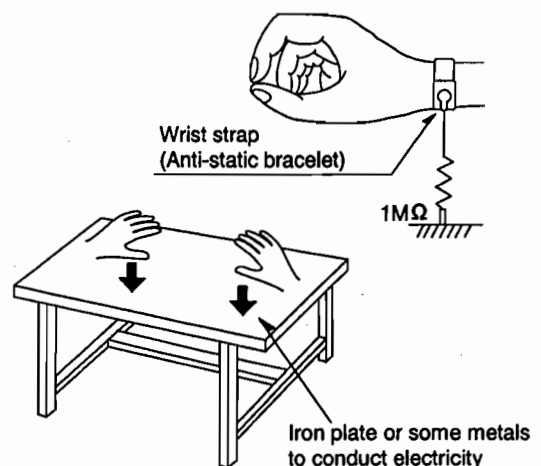


Grounding for electrostatic breakdown prevention

1. Human body grounding
Use the antistatic 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.

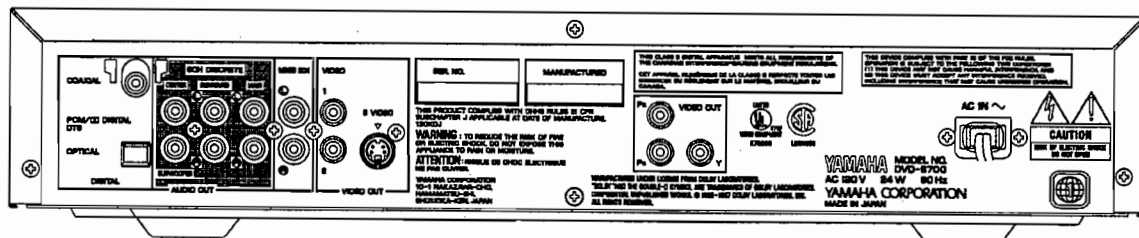
Caution:

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

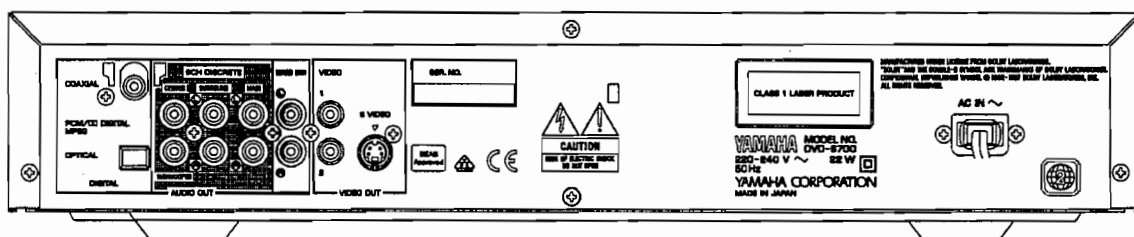


REAR PANELS

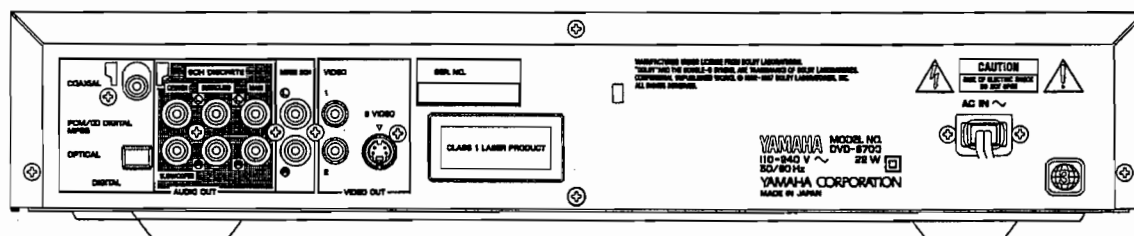
▼ U,C models



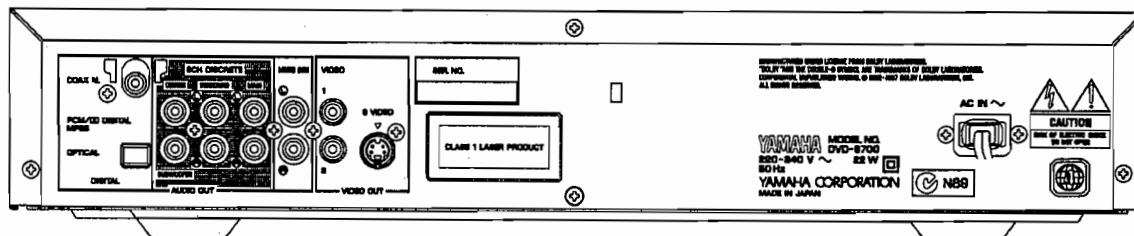
▼ G model



▼ R model



▼ A model



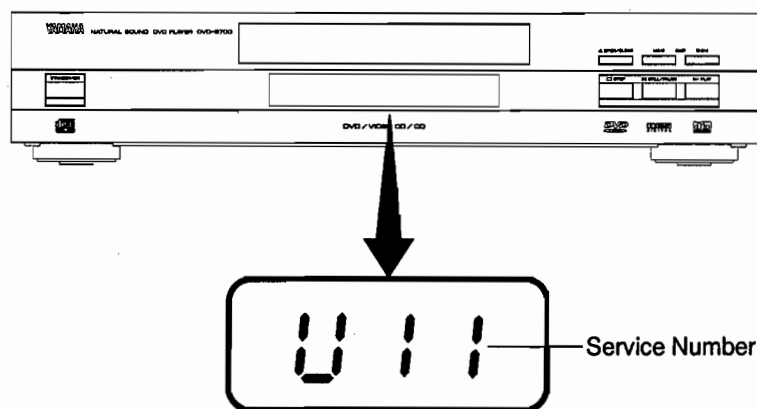
Self-Diagnosis Function for Service Number Display

This unit has a self-diagnosis function which detects a problem or malfunction within the unit and displays its corresponding service number on the display of the unit.

The Service Information Display Mode is used by the technician to help determine the source of a malfunction.

To operate the Service Information Display Mode during servicing, press the [0] (remote control unit) button while pressing the OPEN/CLOSE and STILL/PAUSE buttons simultaneously.

Please refer to the table shown below when a service number has appeared.



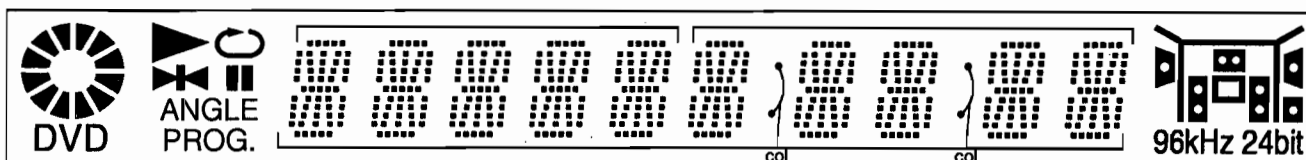
Mode	Service Number	Player State	Check Point
During Operation	U11	FOCUS TROUBLE	IC2001, IC2511, IC5201, Pick-up
	H01	TRAY LOADING TROUBLE	IC2001, IC2511, Loading motor
	H02	SPINDLE SERVO TROUBLE	Disc motor, IC2501, IC2001
	H03	TRAVERSE TROUBLE	Traverse motor, IC2511, IC2001
	H04	TRACKING SERVO TROUBLE	IC2001, IC2501, IC5201, Pick-up Disc
	H05	SEEK TROUBLE	Traverse motor, IC2511, IC2001
Service Information Display	F0**	DISC FORMAT ERROR	Disc
	F1**	DISC CODE ERROR	Disc
	F2**	DECODER LSI ERROR	IC3001, IC3201
	F3**	SDRAM ERROR	IC3051, IC6301, IC7051
	F4**	IIC BUS ERROR	IC2001, IC3201, IC4201, IC5201, IC6201, IC6312, IC7001
	F5**	DSC ERROR	IC2001
	F6**	ECC ERROR	IC7001
	F7**	MICRO PROCESSOR ERROR	IC6001, IC6201
	F8**	MICRO PROCESSOR ERROR	IC6001, IC6201

SERVICE INFORMATION

1. Lighting Confirmation Function of Display Tube

SETTING PROCEDURES

During pressing both 「STILL/PAUSE」 and 「OPEN/CLOSE」 buttons on the DVD Player, push 「9」 key of the Remote Controller and then all of the display lights, and the 「POWER」 button is pressed to release.



2. Initialization of the DVD Player

Make initialization of the DVD Player when replacing the Main p.c. board, Operation p.c. board and etc.

INITIALIZATION PROCEDURES

During pressing both 「STILL/PAUSE」 and 「SKIP/SEARCH ◀▶」 buttons simultaneously on the DVD Player, push 「POWER」 button on the DVD Player so that the unit is initialized (Factory shipping condition).

The letter of 「INITIALIZED」 is displayed on the screen.

[CAUTION]

When the initialization has been made, the contents of user initial setting is lost.

Therefore, before making initialization, previously memorize the contents of user Initial setting and set the initial setting again after initialization.

3. After Repair (Transport Method in Repair Service)

After repair, settle the traverse unit at elevation up position.

SETTLING PROCEDURES

1. Turn the power on.
2. Press the 「OPEN/CLOSE」 button to close the tray.
3. Turn the power off.
4. Disconnect the power plug from the power outlet.

[CAUTION]

Do not close the tray manually after disconnect the power plug from the power outlet in tray open condition.

In this case, the traverse is not settled at elevation up position (stand-by) so that you can't transport the unit.

4. In Case of Stopping Operation During Playback

When the unit stop during playback (no operation button operates, etc.), press the 「POWER」 button. After 5 seconds later the power will be turned off.

When the power is turned on again and the same state appears, the unit may be in trouble. Or, in case stopping operation when the specific disc is used, the cause of trouble may be in the disc itself.

5. Operation Lock Function in Salse Demonstration

This function is used to prevent the disc from loss in the salse demonstration.

When this function is set, It is not able to eject the disc and turn the power off.

SETTING PROCEDURES

During pressing the 「STOP」 button of the DVD Player, push the 「POWER」 button of the Remote Controller to make the Lock function operate.

Disconnect the power plug from the power outlet to reset this function.

6. Lens Cleaning

For cleaning, wipe the Pick-up softly with the new cotton cloth damped with ethyl alcohol.

Never wipe it strongly or the wrong influence will have on the glass coating of the Pick-up.

After cleaning, be sure to check no dirt or dust on the lens surface.

SECTION 2 ADJUSTMENT PROCEDURES

How to Remove the Disc on the Tray in Trouble

When the Disc does not eject even after pushing the OPEN/CLOSE button, remove the Disc as follows.

1. Remove the 7 screws, and remove the Top Cover
While spreading the left and right sides slightly, remove the top cover while lifting the rear portion.

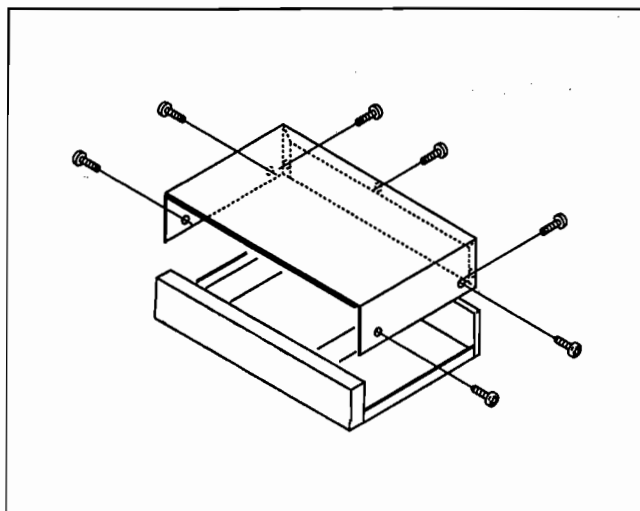


Fig. A Removal of the Top Cover

2. Remove the clamp support plate by removing the 4 screws.

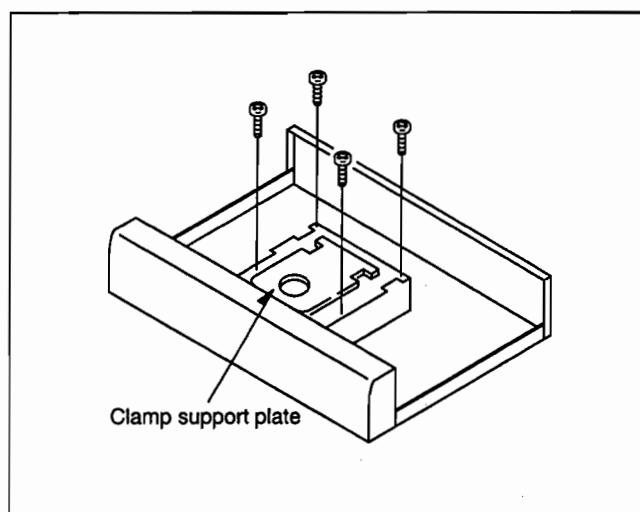


Fig. B Removal of the Clamp Support Plate

3. Remove the disc, taking care not to damage it.

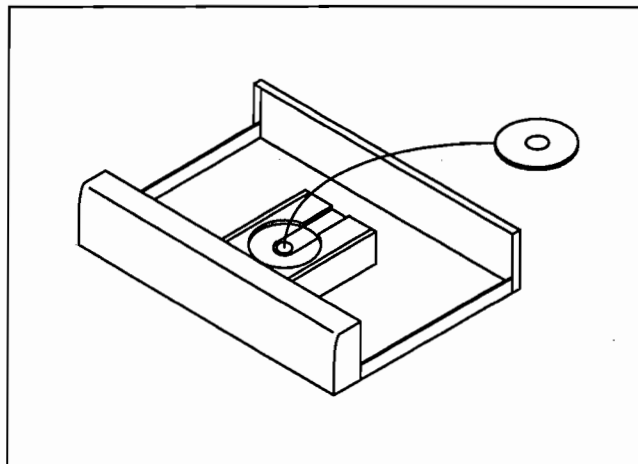


Fig. C Removal of the Disc

Disassembly, Reassembly, Replacement and Adjustment Procedures

1. Disassembling and Reassembling the Casing Parts

1-1. Removing the Top Cover

1. Remove the 7 screws, and remove the Top Cover
While spreading the left and right sides slightly, remove the top cover while lifting the rear portion.

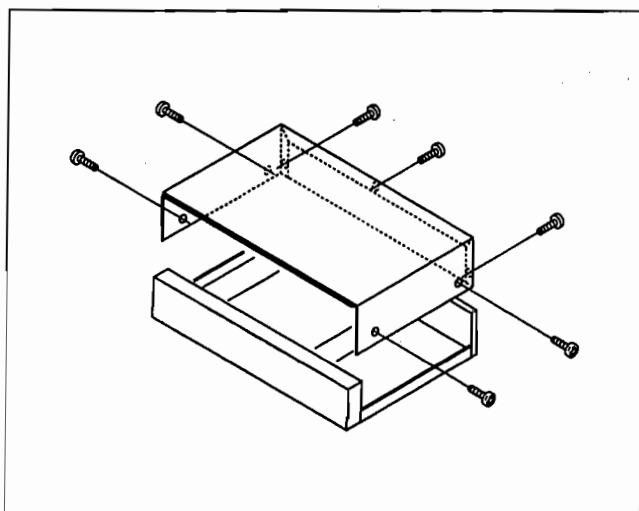


Fig. 1-1-1 Removal of the Top Cover

3. Press the Open/Close button and close the tray, then unplug the power cord.
4. Remove the flexible cables which connect the printed circuit board on the front panel with the main unit.
Then remove the 2 screws on the bracket of the front panel.

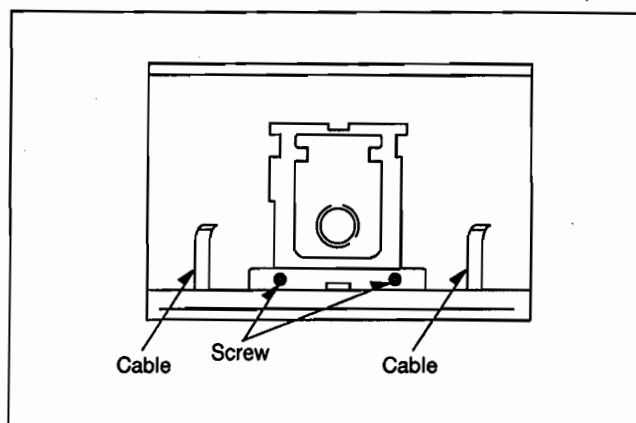


Fig. 1-2-2 Removal of the Front Panel

5. Unhook the 3 tabs on the bottom of the front panel, the 2 tabs on both the left and right and the 2 tabs on the traverse Unit, and remove the front panel.

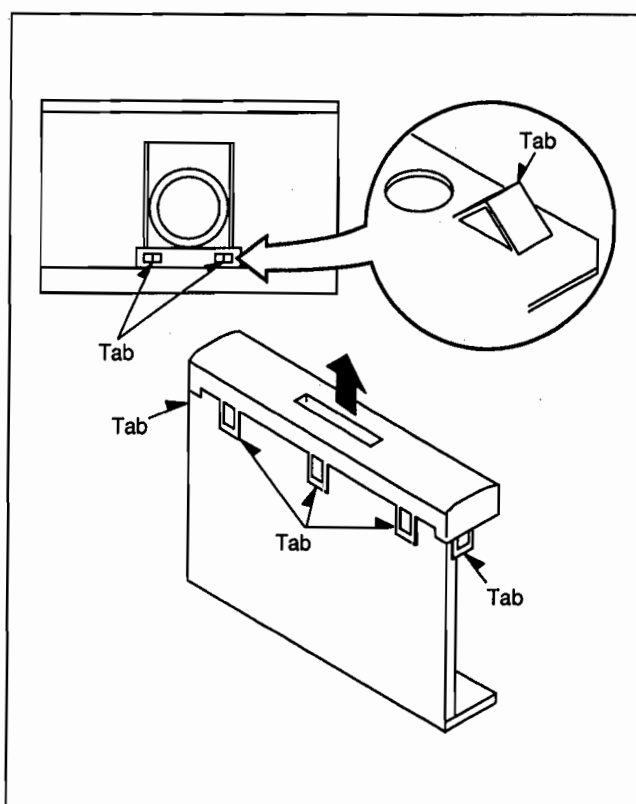
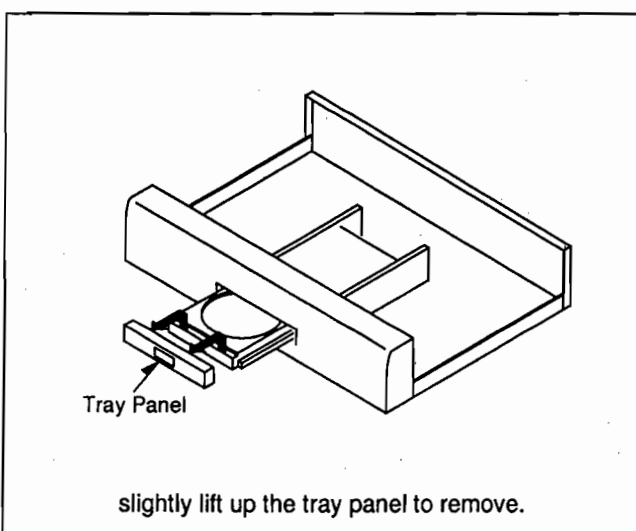


Fig. 1-2-3 Location of Tabs on the Front Panel

1-2. Removing the Front Panel

If the tray can be opened electrically.

1. Perform this operation after the top cover has already been removed.
2. Press the Open/Close button and open the tray.
If there is a disc in the tray, remove the disc, taking care not to damage it.
Then remove the tray panel attached to the front edge of the tray.



slightly lift up the tray panel to remove.

Fig. 1-2-1 Removal of the Tray Panel

If the tray cannot be opened electrically (if the disc does not eject even after pushing the Open/Close button).

1. Perform this procedure after the top cover has already been removed as shown in Fig. A.
2. Remove the 4 screws on the Clamp Support Plate as shown in Fig. B.
3. If there is a disc in the tray, remove the disc, taking care not to damage it as shown in Fig. C.
Refer to "How to Remove the Disc on the Tray in Trouble" with respect to the above procedures.
4. You will see a portion of the rotary cam from the mechanism moving hole at the bottom of the unit. Use a pair of tweezers to move this section to the "Tray Open" position.

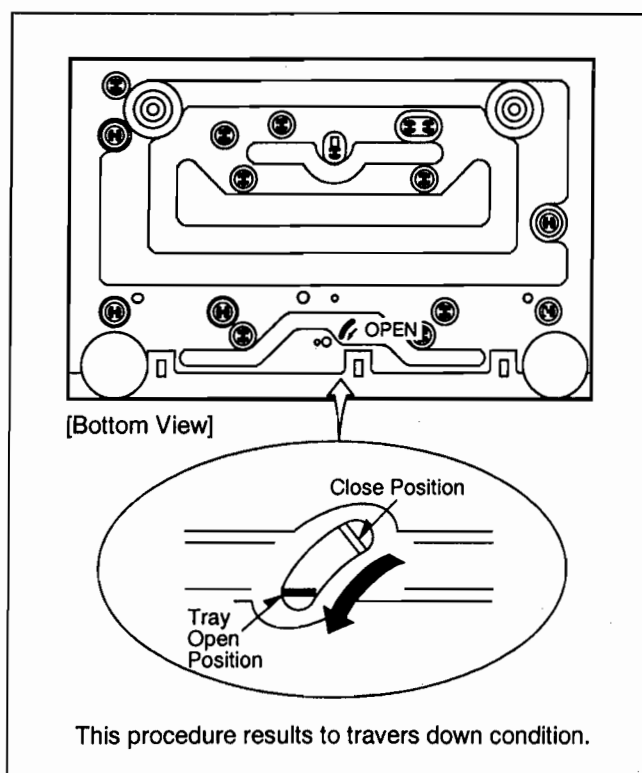


Fig. 1-2-4 Tray Open Position

5. The tray can be moved by hand to the open position.

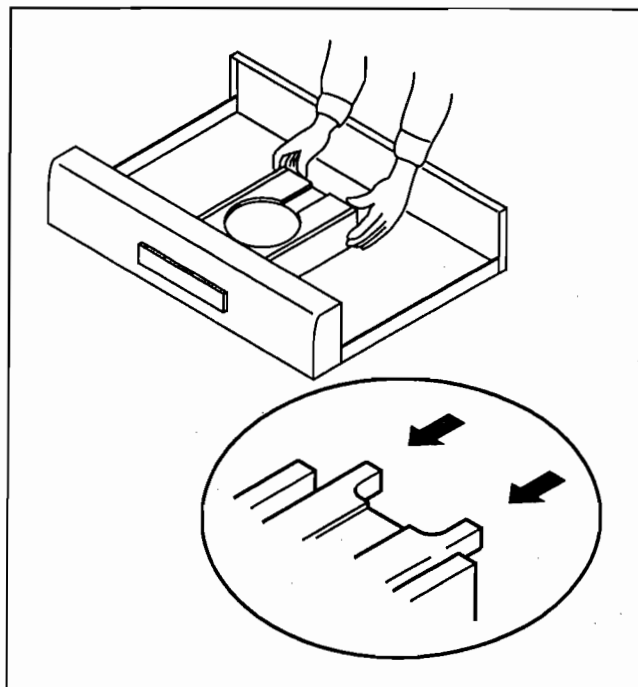


Fig. 1-2-5 Manual Movement of the Tray

6. Remove the tray panel attached to the front edge of the tray as shown in Fig. 1-2-1.
Then, load the tray manually and remove the front panel as shown in Fig. 1-2-2 and Fig. 1-2-3.

1-3. Reassembling the Casing Parts

1. Assemble in the reverse order used in the disassembly.

Please obey the following:

After repair is completed, use the following procedure to settled the Traverse Unit.

1. Push the power button and turn off the power.
Verify that the stand-by lamp is on.
2. Unplug the power cord.
3. After the stand-by lamp has been on, the power cord is unplugged to settle the traverse Unit automatically.

2. Disassembling and Reassembling the Loading Base

Please take proper care to prevent static electricity damage when touching the loading base. We recommend that you remove the entire loading base Unit before replacing the laser pick-up.

2-1. Removal of the Loading Base

1. Follow the "Top Cover," "Tray Panel" and "Front Panel" when removing the casing parts.

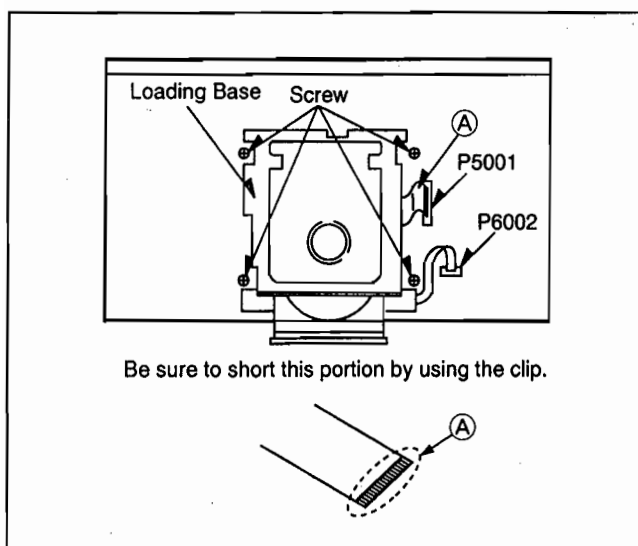


Fig. 2-1 Removal of the Loading Base

2. Remove the 2 Flexible Cables connecting the loading base and the main C.B.A. (Circuit Board Assembly) Static electricity destroys the laser diode. After removing the flexible cable (A), short the flexible cable (A) with a metal clip.
3. Remove the 4 screws attaching the Loading Base.

2-2. Disassembling the Clamp Support Plate and the Clamper

1. Remove the Clamp Support Plate from the Loading Base by removing the 4 screws.

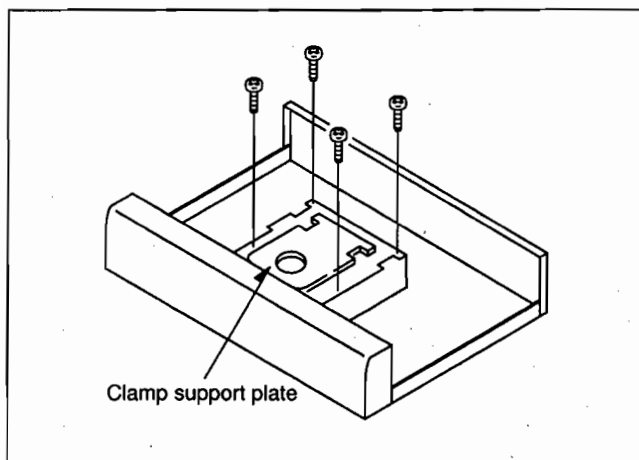


Fig. 2-2-1 Removal of the Clamp Support Plate

2. Remove the 4 screws.
3. Disassemble while unlocking the three tabs on the bottom of the clamper. Be careful not to damage these tabs.

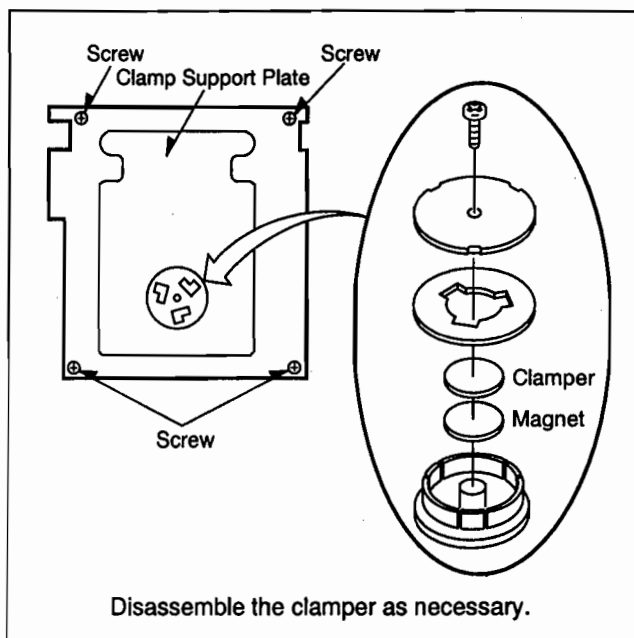


Fig. 2-2-2 Disassembly of the Clamper

2-3. Removing the Loading Tray

1. Move the portion of the Rotary Cam extending from the bottom of the loading base to the "Tray Open" position.

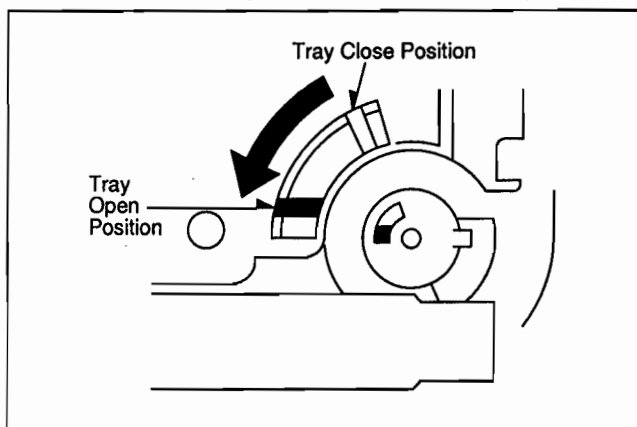


Fig. 2-3-1 Tray Open Position of the Rotary Cam

2. The tray can be manually moved to the open position.

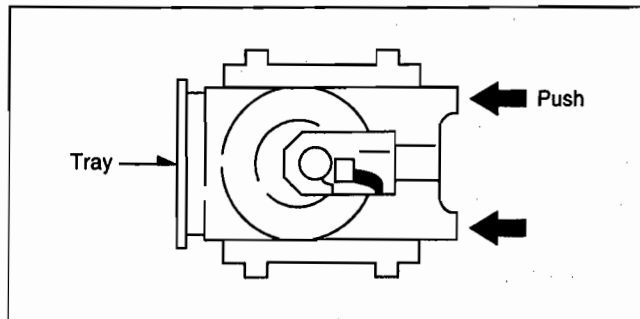


Fig. 2-3-2 Manual Movement of the Tray

3. The left and right catchers are locked so that the tray will not slip out. Therefore remove the tray while spreading these catchers outward.

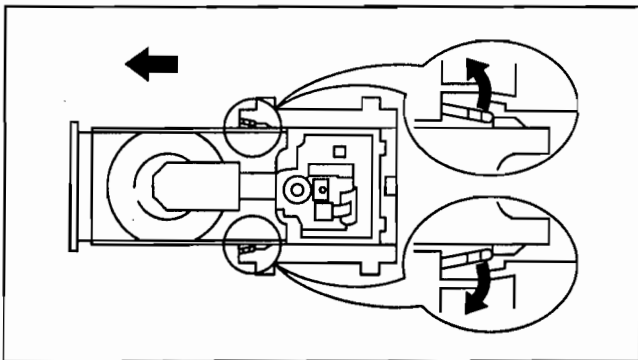


Fig. 2-3-3 Removal of the Tray

2-4. Removing the Traverse Unit

1. Remove the 2 screws setting the Rotary Support Plate Spring. Then remove the 2 screws fixing the Chassis Stoppers and the Springs (two each).

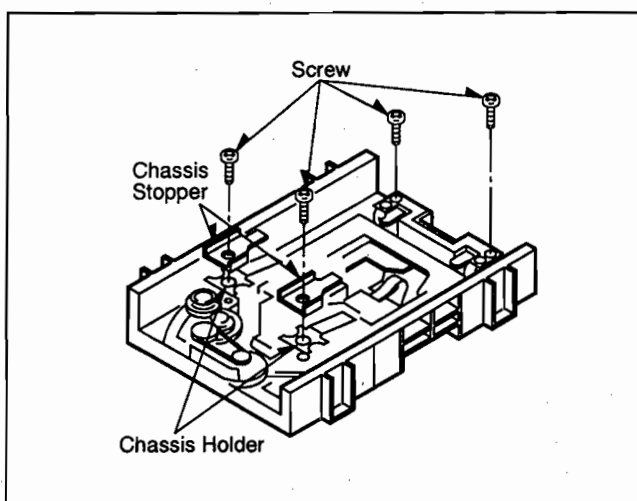


Fig. 2-4-1 Removal of the Traverse Unit

2. The Traverse Unit is connected to the Rotary Cam, slowly lift the back side (the side of Rotary Support Plate Springs) and remove.

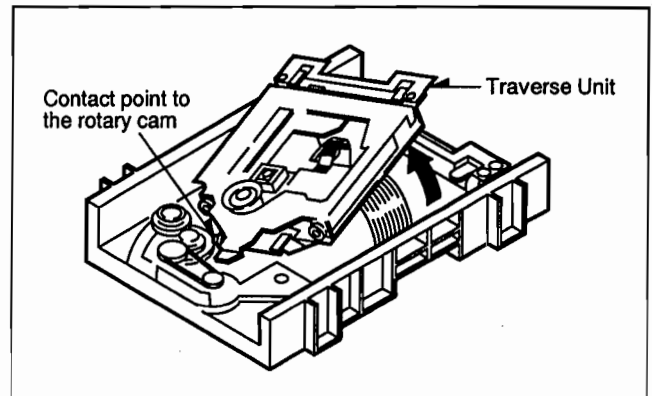


Fig. 2-4-2 Contact Point of the Traverse Unit and the Rotary Cam

2-5. Removing the Loading Section Parts

These parts can be removed even without taking out the Traverse Unit. Each gear and belt can be removed as shown in the figure below.

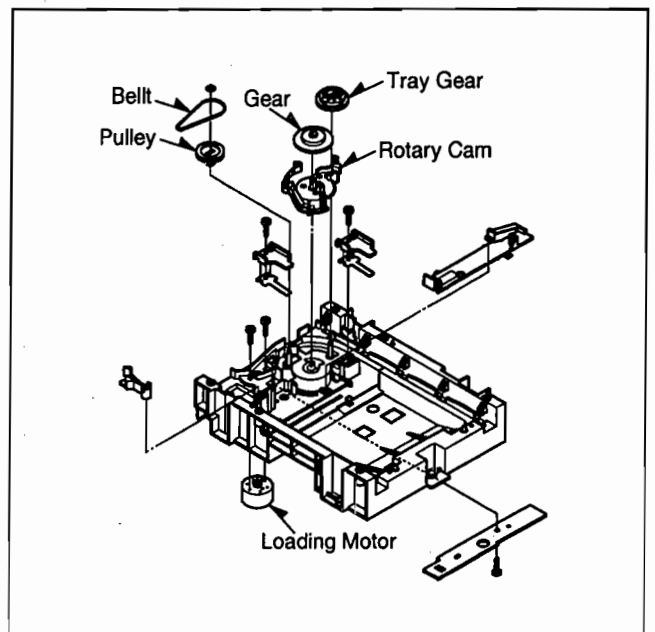


Fig. 2-5 Removal of the Loading Mechanism

2-6. Assembling the Loading Section Parts

Although the phases do not need to be aligned during assembly, please follow the order for assembly.

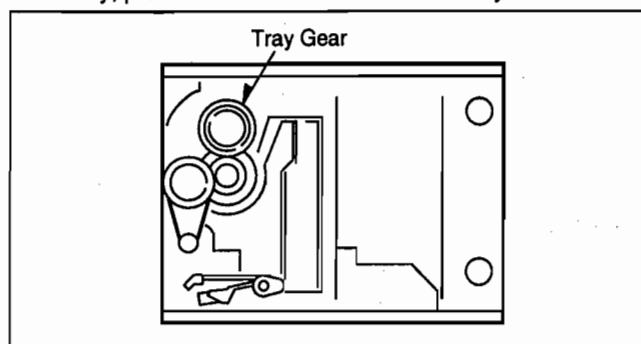


Fig. 2-6 Assembly of the Loading Mechanism

2-7. Assembling the Traverse Unit

1. Pull the Flexible Cable, which sticks out from the Traverse Unit, out from the inner side of the Loading Base.

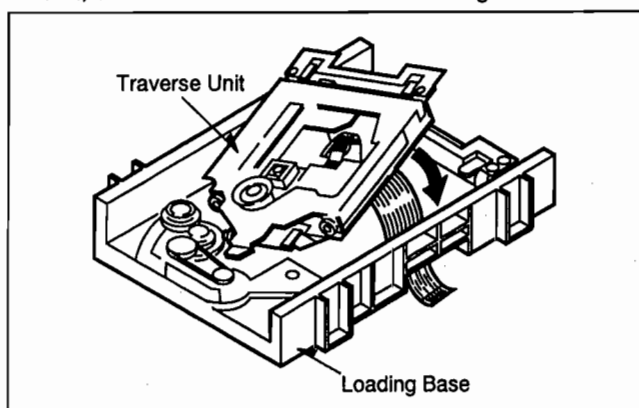


Fig. 2-7-1 Assembly of the Traverse Unit

2. Rotate the Tray Gear counterclockwise, then insert the end of the Traverse Unit into the groove in the Rotary Cam, and tighten the 4 screws.

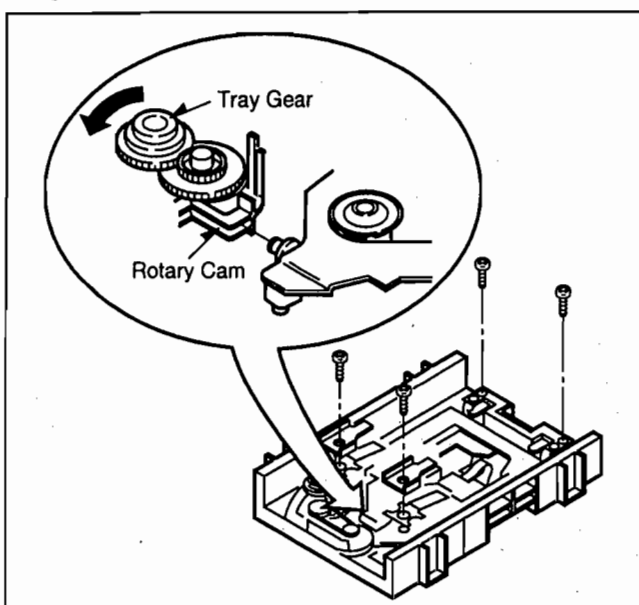


Fig. 2-7-2 Setting of the Traverse Unit and the Rotary Cam

2-8. Attaching the Loading Tray

1. Rotate the Tray Gear counterclockwise and verify that the Traverse Unit is at the lowest position.
2. Push the portion (A) of Rotary Cam in the direction of arrow.
3. Confirm that the Pawl of Rotary Cam is locked.

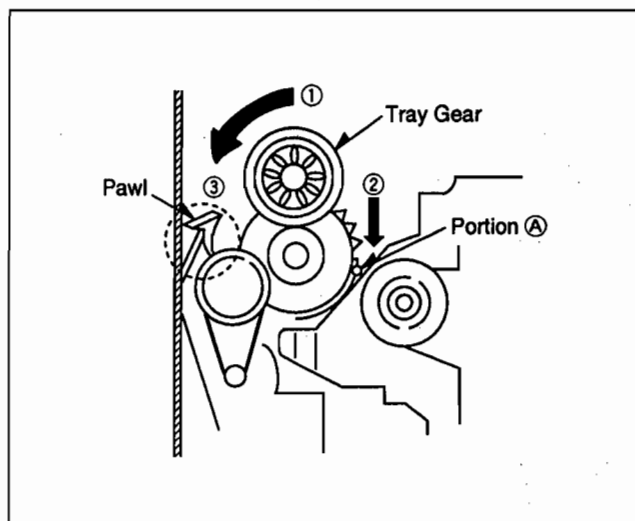


Fig. 2-8-1 Setting of the Tray

2. There is no phase alignment when inserting the tray. Insert the tray straight into the Loading Base.

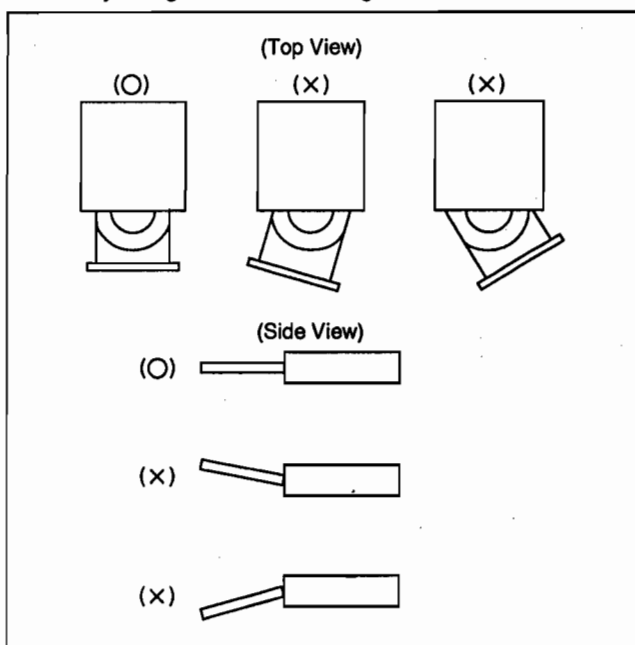


Fig. 2-8-2 Normal Setting of the Tray

2-9. Attaching the Clamp Support Plate

1. Attach the Clamp Support Plate and assemble the Loading Base.

3. Replacing the Main Parts of the Traverse Unit

This section describes the replacement of the main parts in the Traverse Unit, including the Laser Pick-Up, the Disc Motor, the Traverse Motor Unit.

Work should be performed after removing the Traverse Unit.

To Prevent Damage to the Laser Diode

Static electricity destroys the Laser Diode. Always take countermeasures to prevent static electricity damage when performing repairs around the Laser Pick-Up.

1. Do not touch the area around the Laser Pick-Up or the Actuator.
2. Do not check the Laser Diode with a tester or other device (the Laser Diode can be broken quite easily).
3. Short-Circuit the Laser Pick-Up
Solder the Land in the center of the flexible cable of the Laser Pick-Up. This will short-circuit the Laser Diode and help prevent damage from static electricity.

Caution:

Do not forget to remove the soldered Laser Diode short-circuit after finishing repair, and leave the circuit open.

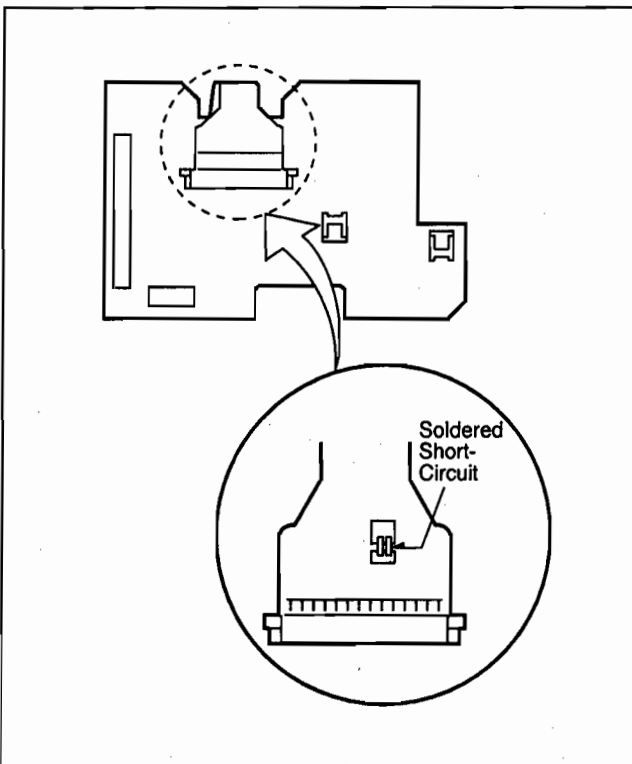


Fig. 3-A Short Circuit of the Laser Diode

Preparation Prior to Replacing the Parts

Always perform this work after taking action to prevent damage to the Laser Diode, regardless of whether or not the Laser Pick-Up is in working order.

1. Remove 2 connectors and 3 flexible cables on the Relay Board. FP0001–FP0003, FP0004 and FP0005.

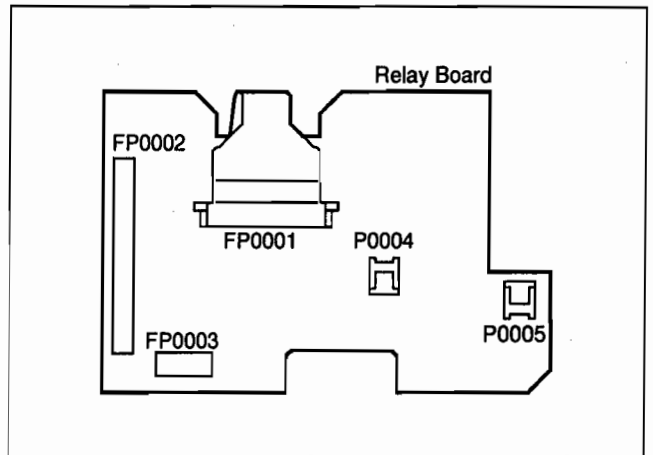


Fig. 3-B Relay Board

2. Remove the 3 screws, so that, traverse Unit can be separated into two sections.

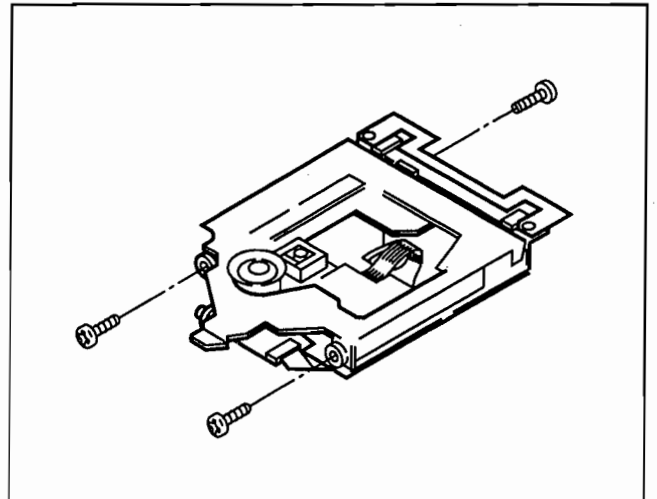


Fig. 3-C Disassembly of the Traverse Unit

3-1. Replacing the Laser Pick-Up

1. Remove the 2 screws.
2. Remove the Laser Pick-Up.

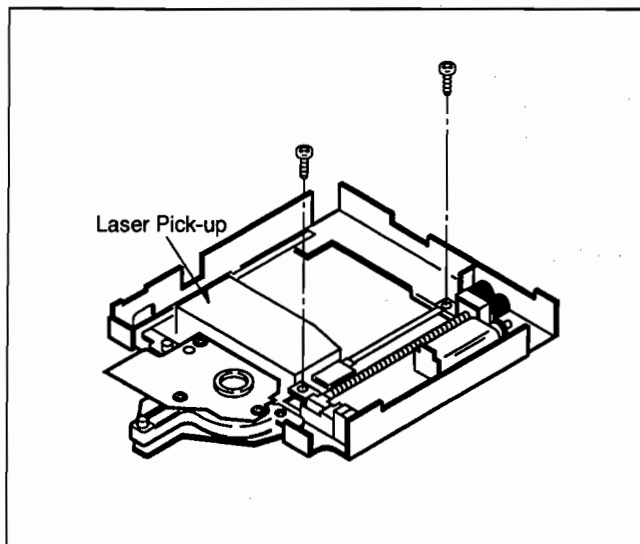


Fig. 3-1 Replacement of the Laser Pick-up

3-2. Replacing the Traverse Motor Unit

1. After the Laser Pick-Up has been removed, remove the 2 screws.
2. Remove the Traverse Motor Unit.

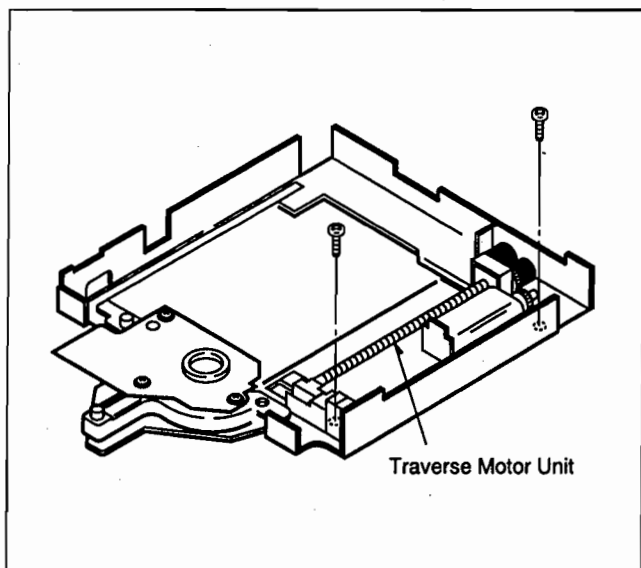


Fig. 3-2 Replacement of the Traverse Motor Unit

3-3. Replacing the Disc Motor

1. This disc motor can be removed after the Traverse Unit has been separated into two sections.
2. Remove the 2 screws A.
3. Remove the 2 screws B using an Hex. wrench.

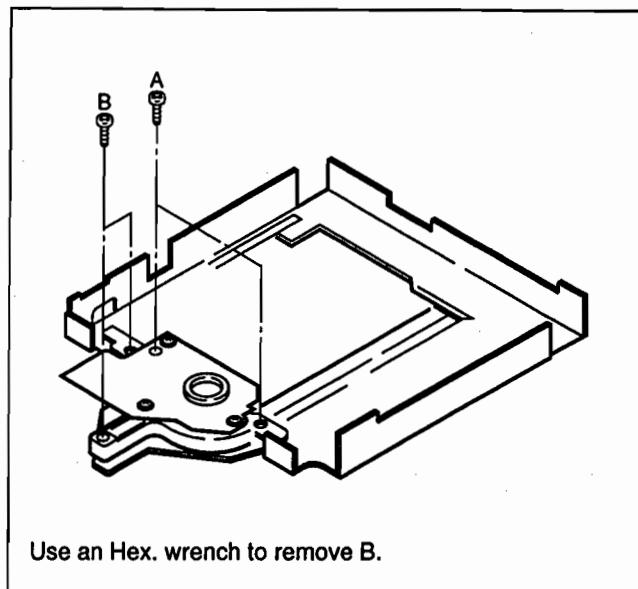


Fig. 3-3 Replacement of the Disc Motor

Note: It is not necessary to remove the Laser Pick-Up for replacement of the Disc Motor.

3-4. Disc Motor Assembly/Tentative Tilt Adjustment

1. For the Disc Motor assembling, install the 2 Screw B (adjustment screw) after firmly tightening the 2 Screws A. (Refer to the figure 3-3.)
2. Use the 2 Screws B to temporarily set the Disc Motor so that it rests parallel to the Base.

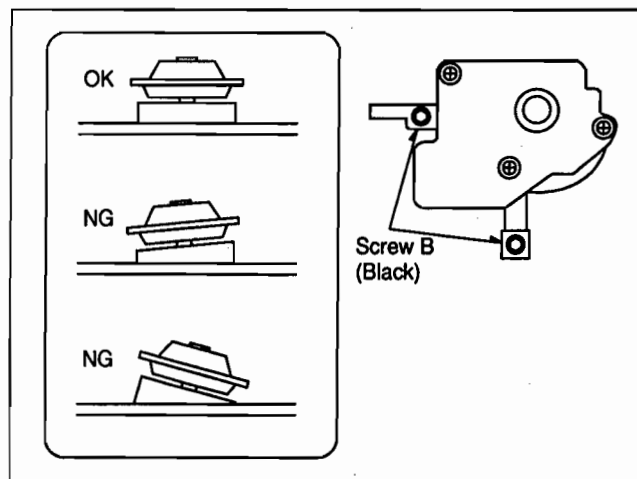


Fig. 3-4 Disc Motor Assembling

3. For final adjustment, proceed the Tilt Adjustment of Disc Motor (Page 2-12).

3-5. Others

1. Reassemble the Laser Pick-Up and the Traverse Motor Unit in precisely the reverse order as they were disassembled.
2. After reassemble the Laser Pick-up and the Traverse Motor Unit, perform the Tilt Adjustment of Disc Motor (Page 2-12).

4. Printed Circuit Board Location and Wiring Connection Diagram

4-1. Printed Circuit Board Location

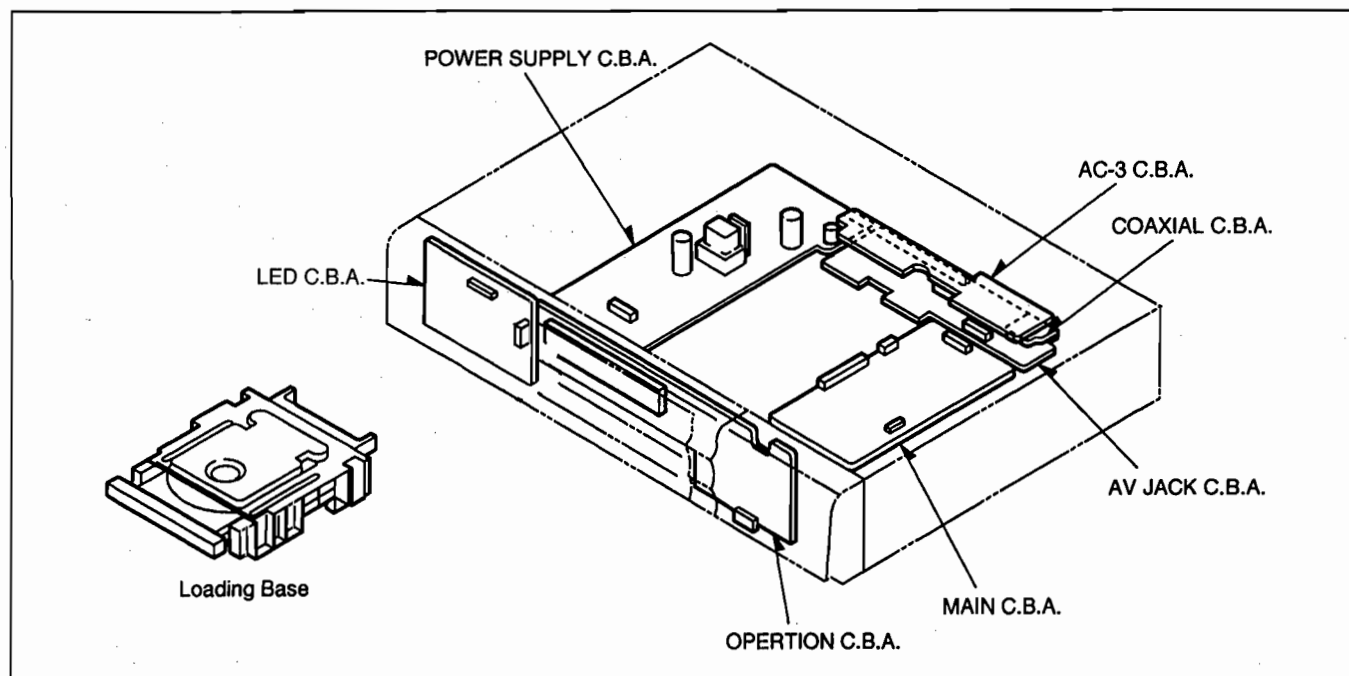
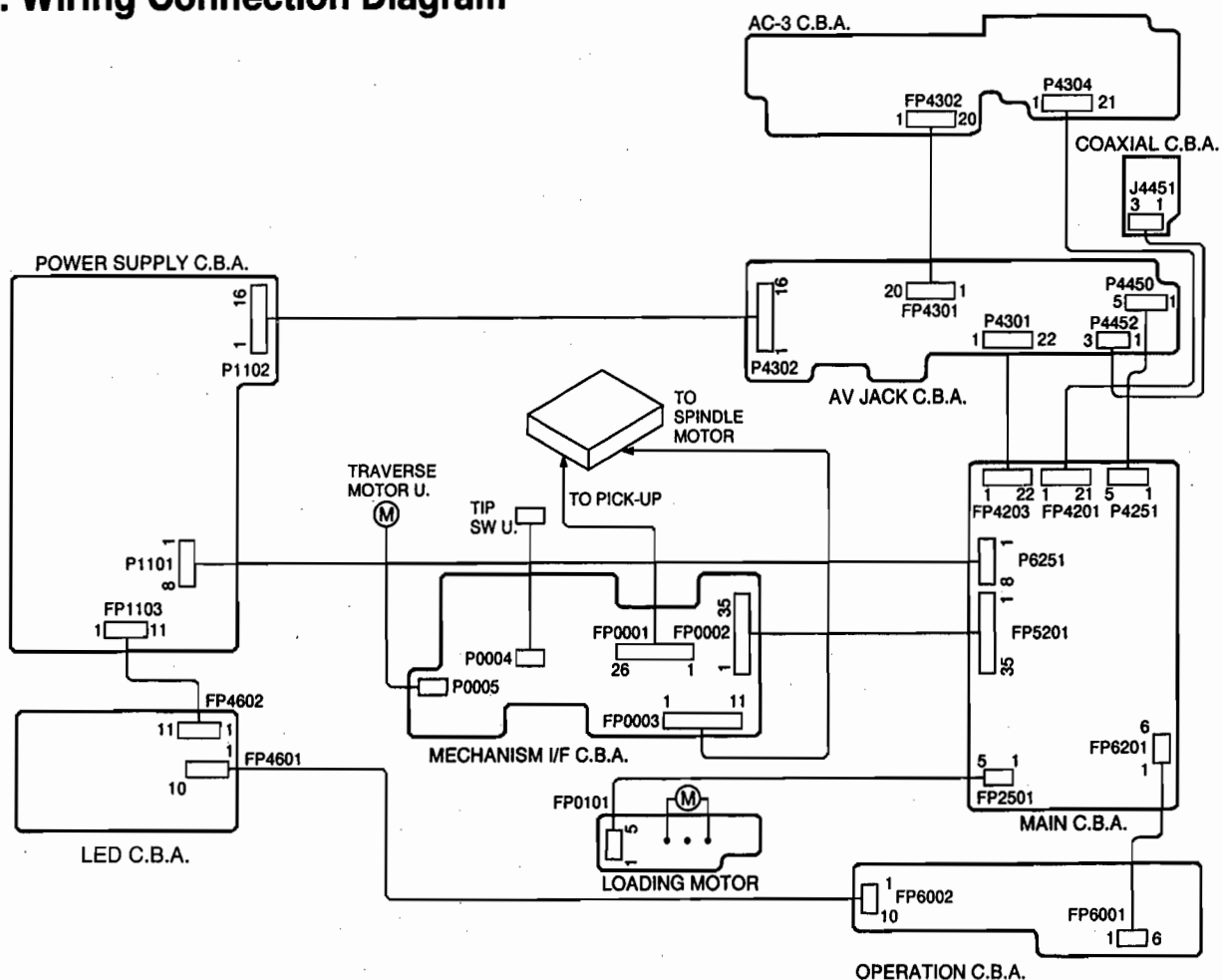


Fig. 4-1 Printed Circuit Board Location

4-2. Wiring Connection Diagram



5. Disassembly and Check Method of Printed Circuit Board Assembly (C.B.A.)

5-1. Replacing the Main C.B.A.

1. Remove 4 screws and check the Main C.B.A.

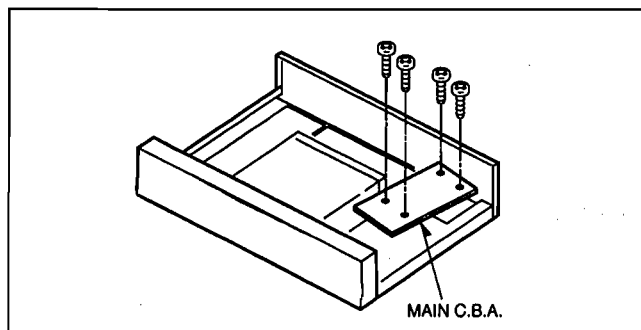


Fig. 5-1 Main C.B.A.

When the Main C.B.A. has been replaced, perform the Initialization.

5-2. Check Method of AV Jack C.B.A., AC-3 C.B.A., and COAXIAL C.B.A.

1. Remove 8 screws on the Rear Panel.

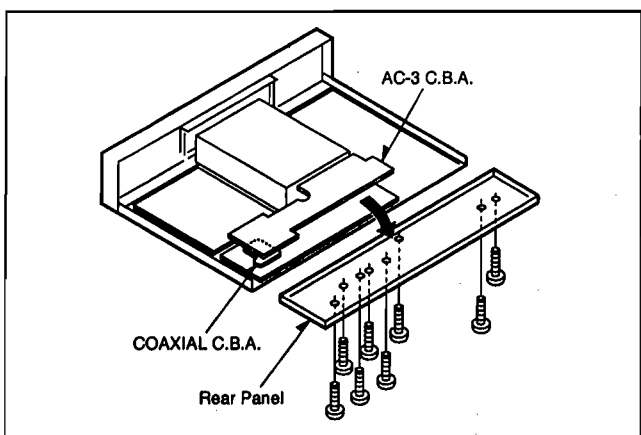


Fig. 5-2-1 Removal of the Rear Panel

2. Remove the AC-3 C.B.A. from the locking card spacer.
3. Remove 3 screws on the AV Jack C.B.A.
Disconnect the Cable connected to the Power Supply C.B.A.

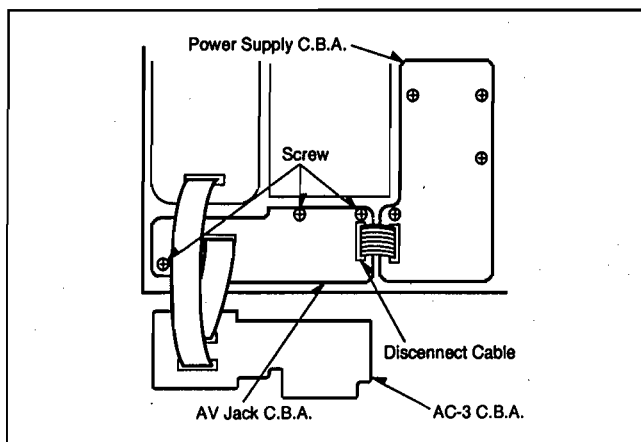


Fig. 5-2-2 AV Jack C.B.A.

5-3. Check Method of Power Supply C.B.A.

1. Remove 2 screws of the AC inlet on the Rear Panel.

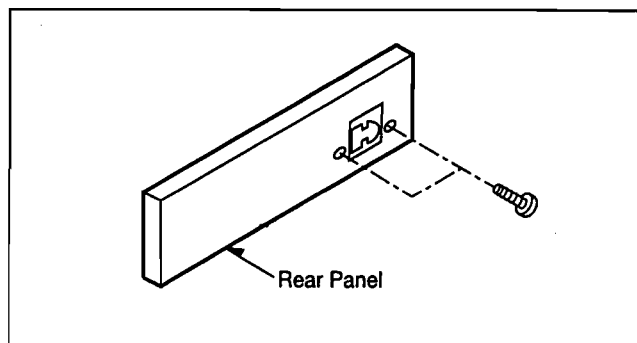


Fig. 5-3-1 AC INLET

2. Remove 4 screws on the Power Supply C.B.A.
Disconnect the Cable connected to the AV Jack C.B.A.

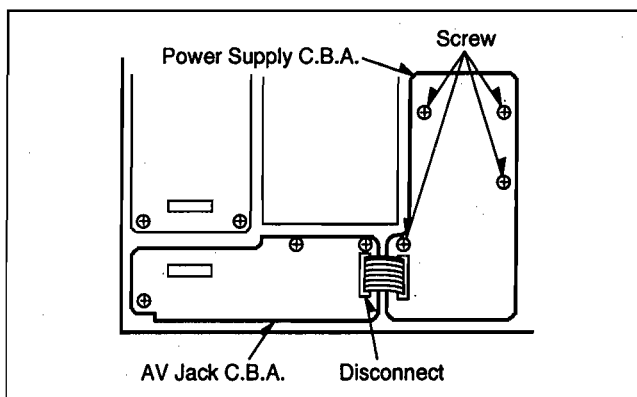


Fig. 5-3-2 Power Supply C.B.A.

5-4. Check Method of Operation C.B.A.

1. Refer to the disassembly procedure (Item 1-2.), and remove the Front Panel.
2. Check the Operation C.B.A. as the figure shown below.

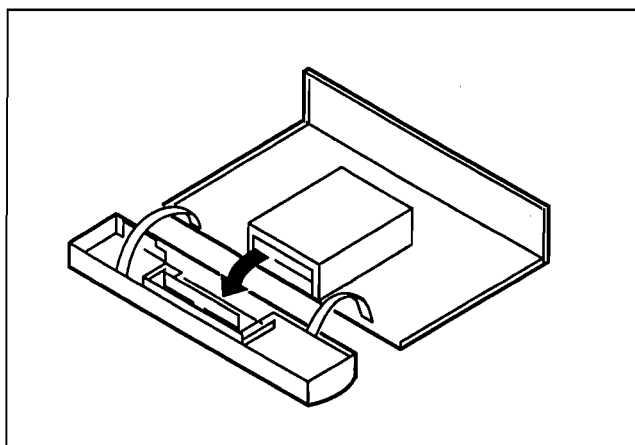


Fig. 5-4 Operation C.B.A.

When the Operation C.B.A. has been replaced, perform the Initialization.

6. Adjustment Procedures

Equipment Necessary for Adjustment

1. Measuring Equipments
General measuring equipments including an oscilloscope.
2. DVD Test Disc
Part No. DVDT-S01 (Single Layer) (P/No. TX946080)
3. Video-CD/CD-DA Test Disc
Part No. PVCD_K06 (P/No. TX946090)
4. Multi-system TV Monitor
5. Others
Conventional tools, Hex. wrench 2.0 mm, etc.

6-1. Mechanical Adjustment Procedures

6-1-1. Tilt Adjustment of Disc Motor

After replacing parts in the Traverse Unit, it is necessary to adjust the Tilt Adjustment of Disc motor from bottom side. Please follow the following procedures for adjusting:

Caution:

1. Optical adjustment inside the laser pick-up is not possible.
2. Prior to adjusting, take countermeasures to prevent damage from static electricity.

When the following parts have been replaced, disc motor adjustment will be required.

1. The disc motor.
2. The laser pick-up.
3. The Traverse motor unit.
4. The parts around the laser pick-up (rail, etc.).

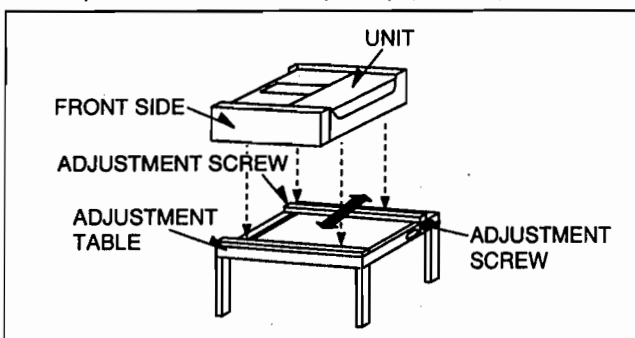


Fig. 6-1-1 Adjustment Table

Use a hex. wrench (2.0 mm) to adjust from the hole of the bottom plate.

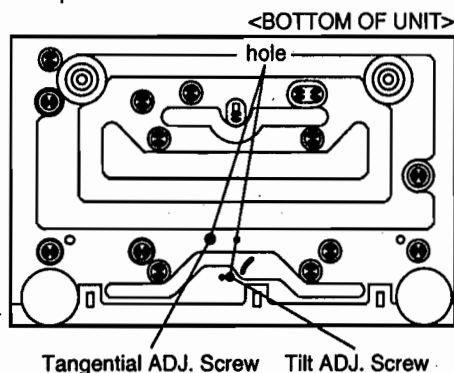


Fig. 6-1-2 Adjustment Hole of the Bottom Plate

Measurement Point	Adjustment Point	Mode	Test Disc
TL5206 GND: Chassis	Tilt adjustment screw	Play title 8, Pause	DVDT-S01
Measuring Equipment		Adjustment Value	
Oscilloscope DC 500mV/div., 20 msec./div.		Adjust until the bottom section of the waveform becomes flat and the DC components are minimum.	

Table 6-1 Tilt Adjustment

1. Play back the DVD test disc and then place the unit in play mode with title 8, then push the Pause button.
 2. At first, Adjust Tangential Adjustment Screw then adjust Tilt Adjustment Screw with the Hex Wrench (2.0 mm) from bottom side.
Repeat 2 to 3 times alternately until the waveform at TL5206 indicated below is obtained.
Final adjustment should be Tilt Adjustment.
- The valley sections of the waveform should be as flat as possible.
 - The total DC level should be obtained minimized as much as possible.
 - The waveform whisker sections will not disappear.

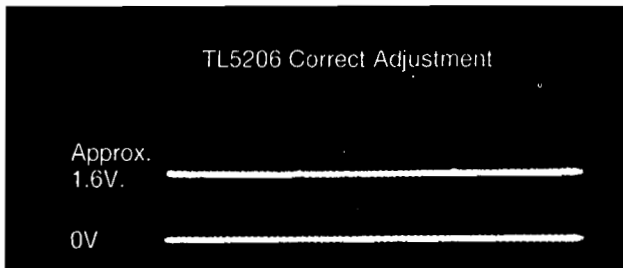


Fig. 6-1-3 Correct Tilt Adjustment Waveform

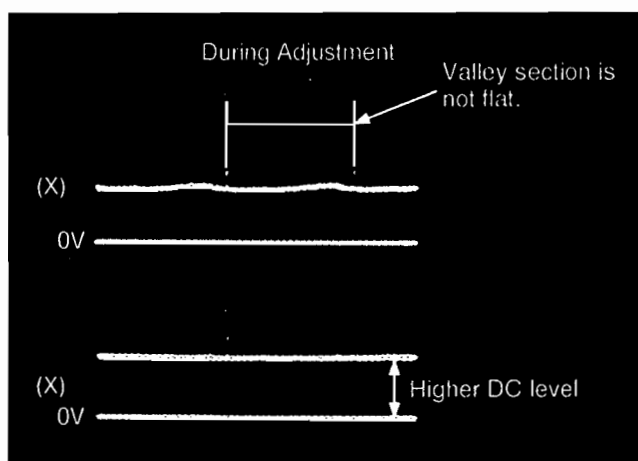


Fig. 6-1-4 Tilt Adjustment Waveform During Adjusting

After Adjusting Check the following

1. After adjusting by the DVD test disc, play a video CD or CD-DA and check that there is no abnormal operation.

6-2. Electrical Adjustment Procedures

The following adjustment is electrical adjustments. These adjustments are to be performed after replacing the printed circuit boards.

6-2-1. Video Output (Luminance Signal) Adjustment

Measurement Point	Adjustment Point	Mode	Disc
Video Output Pin Terminal GND: Chassis	VR3232	Playback Title 12 (Color Bar)	DVDT-S01
Measuring Device		Adjustment Value	
Oscilloscope 500 mV/div, 10 μ s/div		1000 $\pm$ 20 mV p-p	

For compatibility of video signal output.

1. Connect the monitor TV to the video output terminal and terminate at 75 Ohms.
2. Play back the color bar part Title 12 of the DVD Test Disc title.
3. Adjust the VR3232 so that the luminance signal output is as shown below.
4. Confirm the signal on the AV Jack board side.

Adjustment Value = 1000 $\pm$ 20 mV p-p

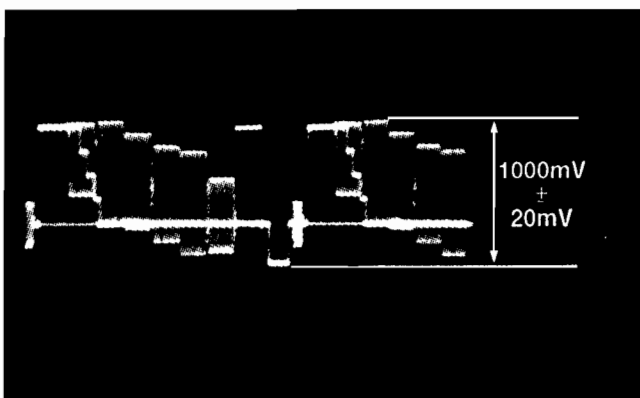


Fig. 6-2-1 Luminance Signal Output

6-2-2. Video Output (Chrominance Signal) Adjustment

Measurement Point	Adjustment Point	Mode	Disc
Video Output Pin Terminal GND: Chassis	VR3233	Playback Title 12 (Color Bar)	DVDT-S01
Measuring Device		Adjustment Value	
Oscilloscope 500 mV/div, 10 μ s/div		U, C models	671 $\pm$ 13 mV p-p
		R, A G models	657 $\pm$ 13 mV p-p

For compatibility of video signal output.

1. Connect the monitor TV to the video output terminal and terminate at 75 Ohms.
2. Play back the color bar part Title 12 of the DVD Test Disc title.
3. Adjust the VR3233 so that the chrominance (CYAN) signal output is as shown below.
4. Confirm the signal on the AV Jack board side.

Adjustment Value

U, C models 671 $\pm$ 13 mV p-p
R, A G models 657 $\pm$ 13 mV p-p

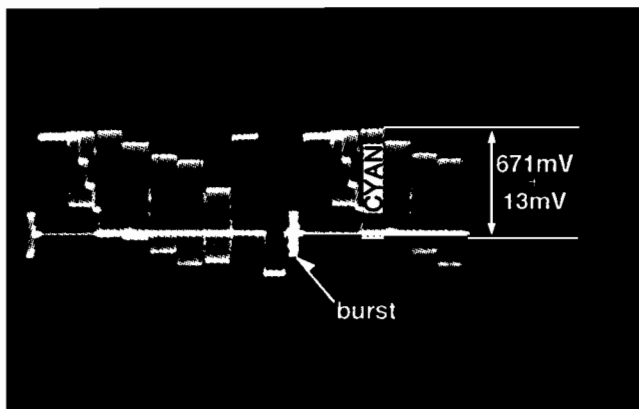
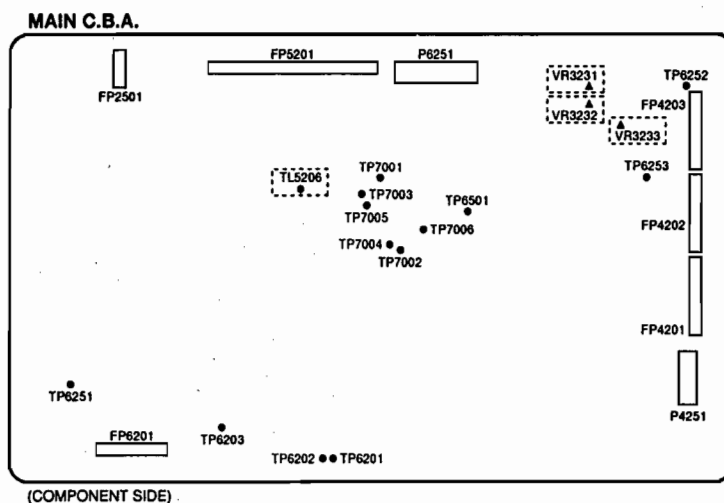


Fig. 6-2-2 Chrominance Signal Output

Test Points & Controls Location



6-2-3. Video Output (PB Signal) Adjustment

NOTE : This adjustment should be performed U, C models only.

Measurement Point	Adjustment Point	Mode	Disc
Y Output Pin terminal PB Output Pin terminal	VR3231	Playback Title 12 (Color Bar)	DVDT-SOI
Measuring Device		Adjustment Value	
Oscilloscope 200 mV/div, 10 μ s/div		525 $\pm$ 11mVp-p	

NOTE: Y Output and PB Output should be 75 Ω terminate.

For compatibility of video signal output.

1. Connect the monitor TV to the video output terminal and terminate at 75 Ohms.
2. Connect the oscilloscope to PB output Pin terminal for CH-1 and Y output Pin terminal for CH-2. (Trigger)
3. Playback the color bar part title 12 of the DVD Test Disc title.
4. Adjust the VR3231 so that the PB signal output is as shown below.
5. Confirm the signal on the AV jack board side.

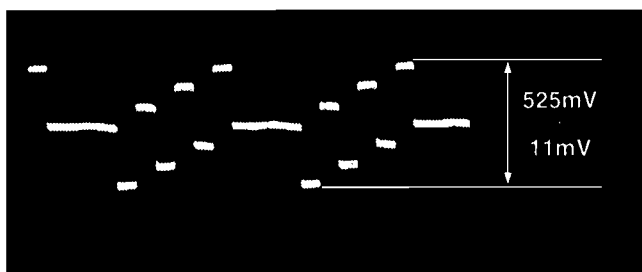


Fig. 6-2-3 PB Signal Output

6-2-4. Fc Correction

NOTE: This adjustment should be performed only when the FEP IC (IC5201) has been replaced.

Measurement Point	Adjustment Point	Mode	Test Disc (Input Signal)
TC5236 TC5235 TC2006	—	—	—
Measuring Equipment		Adjustment Value	
DC POWER SUPPLY Oscilloscope 200 mV/div, 50 ns/div, AC coupling		REFER TO FIG. 6-2-4B	

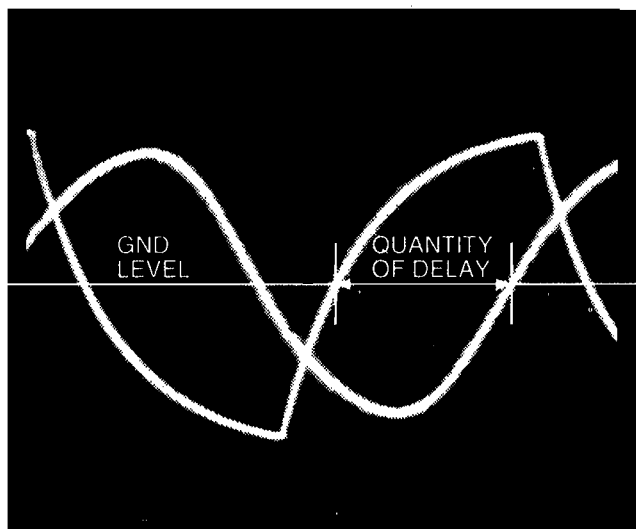


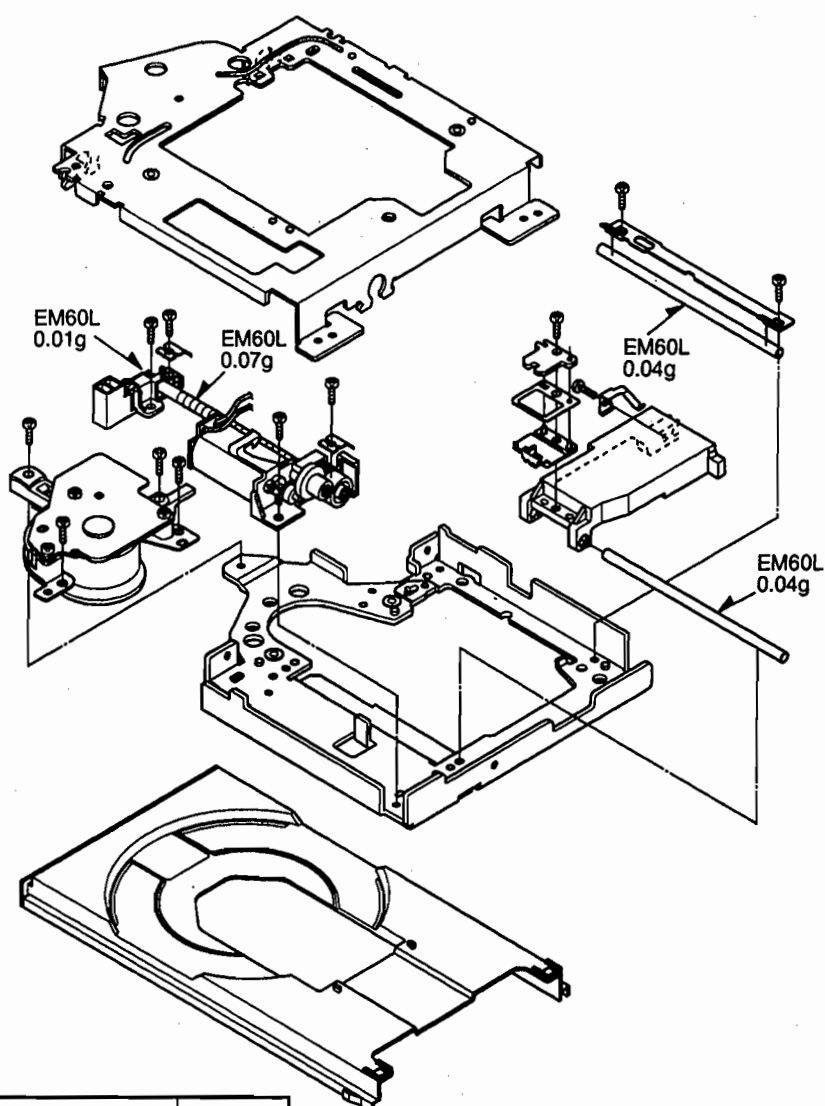
Fig. 6-2-4A

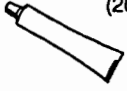
1. During pressing both [STILL/PAUSE] and [OPEN/CLOSE] buttons of the DVD Player, push [CLEAR] button of the Remote Controller.
2. Connect the oscilloscope to TC5236 for CH-1 and TC5235 for CH-2 (Trigger).
3. According to a quantity of delay, supply TC2006 with DC Voltage by the DC Power Supply as shown in Fig. 6-2-4B.
4. The letter of [FEP_ * *] is displayed on the FL display.
5. Confirm whether shown in Fig. 6-2-4B agrees with letter of [FEP_ * *].
6. Push [STOP] button of the DVD Players. (Write in E2PROM)

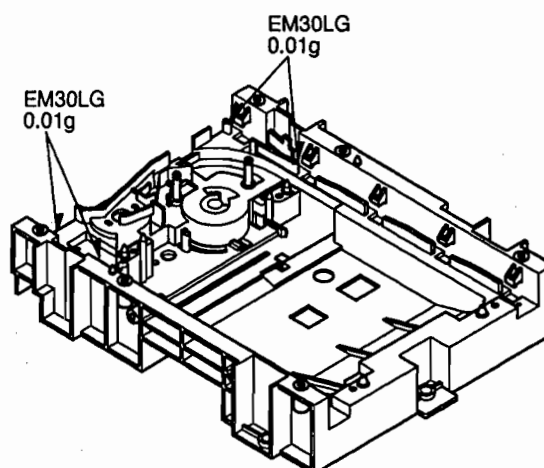
Quantity of delay	TC2006 SUPPLY Voltage	FL Display
~ 325 ns	1.2 V	FEP_10
325 ~ 355 ns	1.7 V	FEP_11
355 ~ 385 ns	2.1 V	FEP_12
385 ~ 415 ns	2.6 V	FEP_13
415 ~ ns	3.1 V	FEP_14

Fig. 6-2-4B

7. Lubrication Information



	Appearance	Part No
Grease	Molykote EM30LG (20g) 	JGS0091 (TX946260)
Grease	Molykote EM60L (20g) 	JGS0092 (TX946270)
Test Disc	DVD Test Disc 	DVDT-S01 (TX946080)



MEMO

For R, A, G models

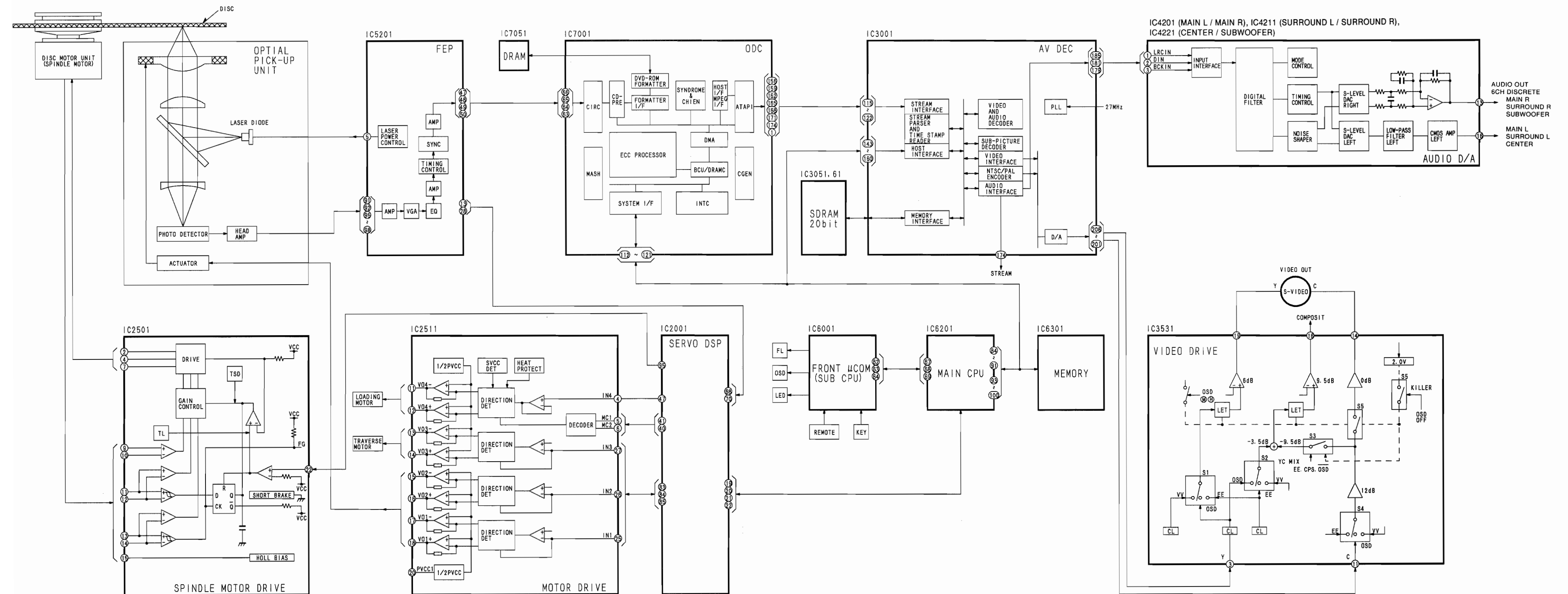
SECTION 3 BLOCK DIAGRAM/SCHEMATIC DIAGRAM/CIRCUIT BOARD DIAGRAM

ABBREVIATIONS

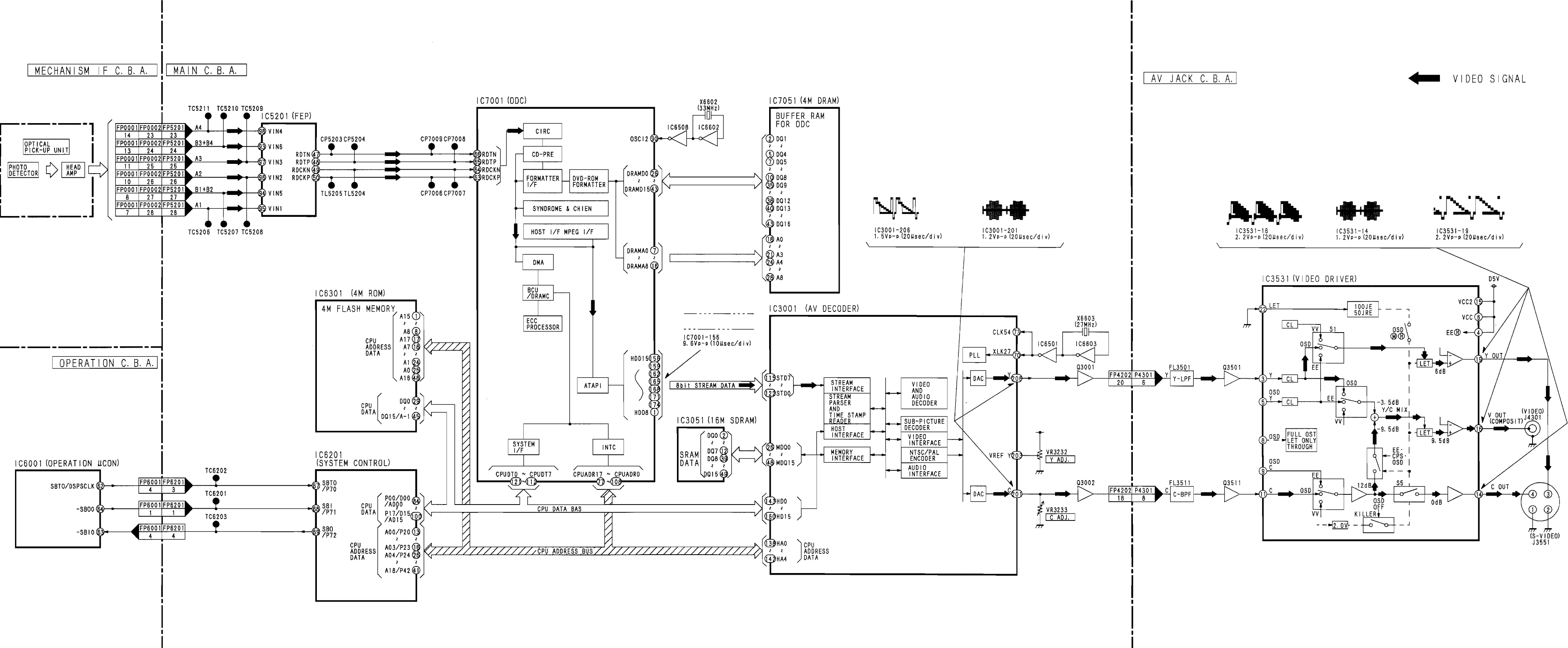
INITIAL/LOGO		ABBREVIATIONS	INITIAL/LOGO		ABBREVIATIONS
A	A0~UP	ADDRESS		DSC	DIGITAL SERVO CONTROLLER
	ACLK	AUDIO CLOCK		DSLIF	DATA SLICE LOOP FILTER
	AD0~UP	ADDRESS BUS		DVD	DIGITAL VIDEO DISC
	ADATA	AUDIO PES PACKET DATA			
	ALE	ADDRESS LATCH ENABLE	E	EC	ERROR TORQUE CONTROL
	AMUTE	AUDIO MUTE		ECR	ERROR TORQUE CONTROL
	AREQ	AUDIO PES PACKET REQUEST			REFERENCE
	ARF	AUDIO RF		ENCSEL	ENCODER SELECT
	ASI	SERVO AMP INVERTED INPUT		ETMCLK	EXTERNAL M CLOCK (81MHz/40.5MHz)
	ASO	SERVO AMP OUTPUT		ETSCLK	EXTERNAL S CLOCK (54MHz)
	ASYN	AUDIO WORD DISTINCTION SYNC			
B	BCK	BIT CLOCK (PCM)	F	FBAL	FOCUS BALANCE
	BCKIN	BIT CLOCK INPUT		FCLK	FRAME CLOCK
	BDO	BLACK DROP OUT		FE	FOCUS ERROR
	BLKCK	SUB CODE BLOCK CLOCK		FFI	FOCUS ERROR AMP INVERTED INPUT
	BOTTOM	CAP. FOR BOTTOM HOLD		FEO	FOCUS ERROR AMP OUTPUT
	BYP	BYPATH		FG	FREQUENCY GENERATOR
	BYTCK	BYTE CLOCK		FSC	FREQUENCY SUB CARRIER
				FSCK	FS (384 OVER SAMPLING) CLOCK
C	CAV	CONSTANT AUGULAS VELOCITY	G	GND	COMMON GROUNDING (EARTH)
	CBDO	CAP. BLACK DROP OUT			
	CD	COMPACT DISC	H	HA0~UP	HOST ADDRESS
	CDSCK	CD SERIAL DATA CLOCK		HD0~UP	HOST DATA
	CDSRDATA	CD SERIAL DATA		HINT	HOST INTERRUPT
	CDRF	CD RF (EFM) SIGNAL		HRXW	HOST READ/WRITE
	CDV	COMPACT DISC-VIDEO	I	IECOUT	IEC958 FORMAT DATA OUTPUT
	CHNDATA	CHANNEL DATA		IPFLAG	INTERPOLATION FLAG
	CKSL	SYSTEM CLOCK SELECT		IREF	I (CURRENT) REFERENCE
	CLV	CONSTANT LINEAR VELOCITY		ISEL	INTERFACE MODE SELECT
	COFTR	CAP. OFF TRACK	L	LDON	LASER DIODE CONTROL
	CPA	CPU ADDRESS		LPC	LASER POWER CONTROL
	CPCS	CPU CHIP SELECT		LRCK	L CH/R CH DISTINCTION CLOCK
	CPDT	CPU DATA			
	CPUADR	CPU ADDRESS LATCH	M	MA0~UP	MEMORY ADDRESS
	CPUADT	CPU ADDRESS DATA BUS		MCK	MEMORY CLOCK
	CPUIRQ	CPU INTERRUPT REQUEST		MCKI	MEMORY CLOCK INPUT
	CPRD	CPU READ ENABLE		MCLK	MEMORY SERIAL COMMAND CLOCK
	CPWR	CPU WRITE ENABLE		MCLK	MEMORY SERIAL COMMAND DATA
	CS	CHIP SELECT		MDATA	MEMORY SERIAL COMMAND DATA
	CSYNIN	COMPOSITE SYNC IN		MDQ0~UP	MEMORY DATA INPUT/OUTPUT
	CSYNOUT	COMPOSITE SYNC OUT		MDQM	MEMORY DATA I/O MASK
				MLD	MEMORY SERIAL COMMAND LOAD
				MPEG	MOTION PICTURE IMAGE CODING
D	DACCK	D/A CONVERTER CLOCK			EXPERT GROUP
	DEEMP	DEEMPHASIS BIT ON/OFF	O	ODC	OPTICAL DISC CONTROLLER
	DEMPH	DEEMPHASIS SWITCHING		OFTR	OFF TRACKING
	DIG0~UP	FL DIGIT OUTPUT		OSCI	OSCILLATOR INPUT
	DIN	DATA INPUT		OSCO	OSCILLATOR OUTPUT
	DMSRCK	DM SERIAL DATA READ CLOCK		OSD	ON SCREEN DISPLAY
	DMUTE	DIGITAL MUTE CONTROL	P	P1~UP	PORT
	DO	DROP OUT		PCD	CD TRACKING PHASE DIFFERENCE
	DOUT0~UP	DATA OUTPUT		PCK	PLL CLOCK
	DRF	DATA SLICE RF (BIAS)			
	DRPOUT	DROP OUT SIGNAL			
	DREQ	DATA REQUEST			
	DRESP	DATA RESPONSE			

INITIAL/LOGO		ABBREVIATIONS	INITIAL/LOGO		ABBREVIATIONS
	PDVD PEAK PLLCLK PLLOK PWMCTL PWMDA PWMOA, B	DVD TRACKING PHASE DIFFERENCE CAP. FOR PEAK HOLD CHANNEL PLL CLOCK PLL LOCK PWM OUTPUT CONTROL PULSE WAVE MOTOR DRIVE A PULSE WAVE MOTOR OUT A, B		TRON TRSON	TRACKING ON TRAVERSE SERVO ON
			V	VBLANK VCC VCDCONT VDD VFB VREF VSS	V BLANKING COLLECTOR POWER SUPPLY VOLTAGE VIDEO CD CONTROL (TRACKING BALANCE) DRAIN POWER SUPPLY VOLTAGE VIDEO FEED BACK VOLTAGE REFERENCE SOURCE POWER SUPPLY VOLTAGE
R	RE RFENV RFO RS RSEL RST RSV	READ ENABLE RF ENVELOPE RF PHASE DIFFERENCE OUTPUT (CD-ROM) REGISTER SELECT RF POLARITY SELECT RESET RESERVE	W	WAIT WDCK WEH WSR	BUS CYCLE WAIT WORD CLOCK WRITE ENABLE HIGH WORD SELECT RECEIVER
S	SBI0, 1 SBO0 SBT0, 1 SCK SCKR SCL SCLK SDA SEG0~UP SELCLK SEN SIN1, 2 SOUT1, 2 SPDI SPDO SPEN SPRCLK SPWCLK SQCK SQCX SRDATA SRMADR SRMDT0~7 SS STAT STCLK STD0~UP STENABLE STSEL STVALID SUBC SBCK SUBQ SYSCLK	SERIAL DATA INPUT SERIAL DATA OUTPUT SERIAL CLOCK SERIAL DATA CLOCK AUDIO SERIAL CLOCK RECEIVER SERIAL CLOCK SERIAL CLOCK SERIAL DATA FL SEGMENT OUTPUT SELECT CLOCK SERIAL PORT ENABLE SERIAL DATA IN SERIAL DATA OUT SERIAL PORT DATA INPUT SERIAL PORT DATA OUTPUT SERIAL PORT R/W ENABLE SERIAL PORT READ CLOCK SERIAL PORT WRITE CLOCK SUB CODE Q CLOCK SUB CODE Q DATA READ CLOCK SERIAL DATA SRAM ADDRESS BUS SRAM DATA BUS 0~7 START/STOP STATUS STREAM DATA CLOCK STREAM DATA STREAM DATA INPUT ENABLE STREAM DATA POLARITY SELECT STREAM DATA VALIDITY SUB CODE SERIAL SUB CODE CLOCK SUB CODE Q DATA SYSTEM CLOCK	X	X XALE XAREQ XCDROM XCS XCSYNC XDS XHSYNCO XHINT XI XINT XMW XO XRE XSRMCE XSRMOE XSRMWE XVCS XVDS XVSYNCO	X'TAL X ADDRESS LATCH ENABLE X AUDIO DATA REQUEST X CD ROM CHIP SELECT X CHIP SELECT X COMPOSITE SYNC X DATA STROBE X HORIZONTAL SYNC OUTPUT XH INTERRUPT REQUEST X'TAL OSCILLATOR INPUT X INTERRUPT X MEMORY WRITE ENABLE X'TAL OSCILLATOR OUTPUT X READ ENABLE X SRAM CHIP ENABLE X SRAM OUTPUT ENABLE X SRAM WRITE ENABLE X V-DEC CHIP SELECT X V-DEC CONTROL BUS STROBE X VERTICAL SYNC OUTPUT
T	TE TIBAL TID TIN TIP TIS TPSN TPSO TPSP TRCRS	TRACKING ERROR BALANCE CONTROL BALANCE OUTPUT 1 BALANCE INPUT BALANCE INPUT BALANCE OUTPUT 2 OP AMP INPUT OP AMP OUTPUT OP AMP INVERTED INPUT TRACK CROSS SIGNAL			

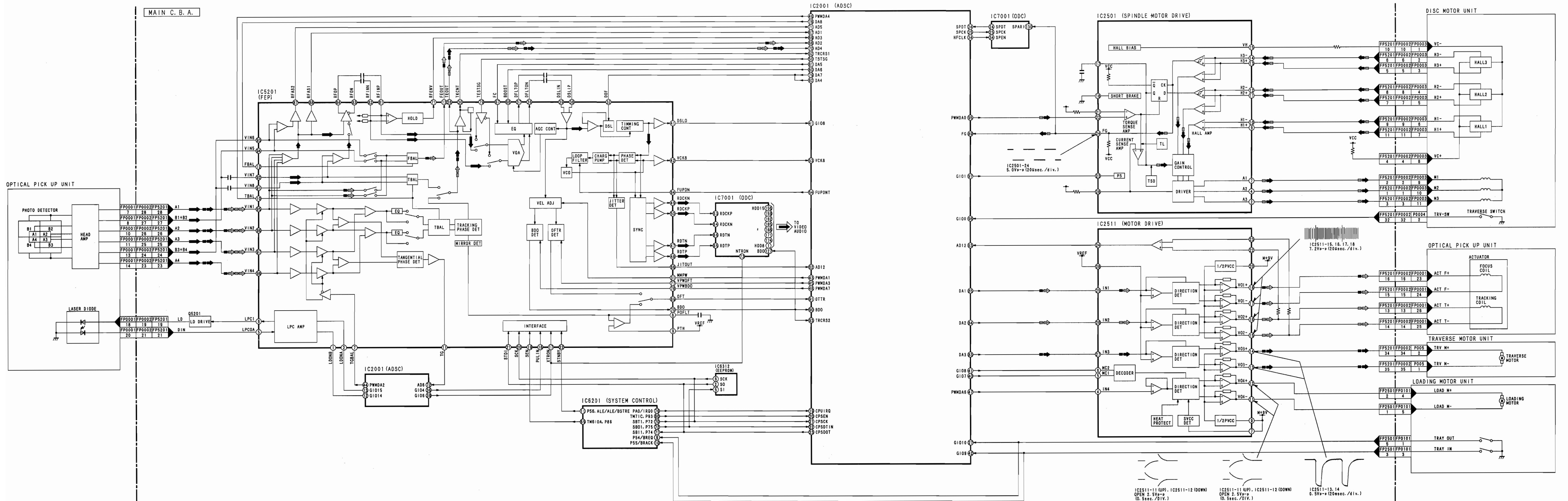
1. OVERALL BLOCK DIAGRAM



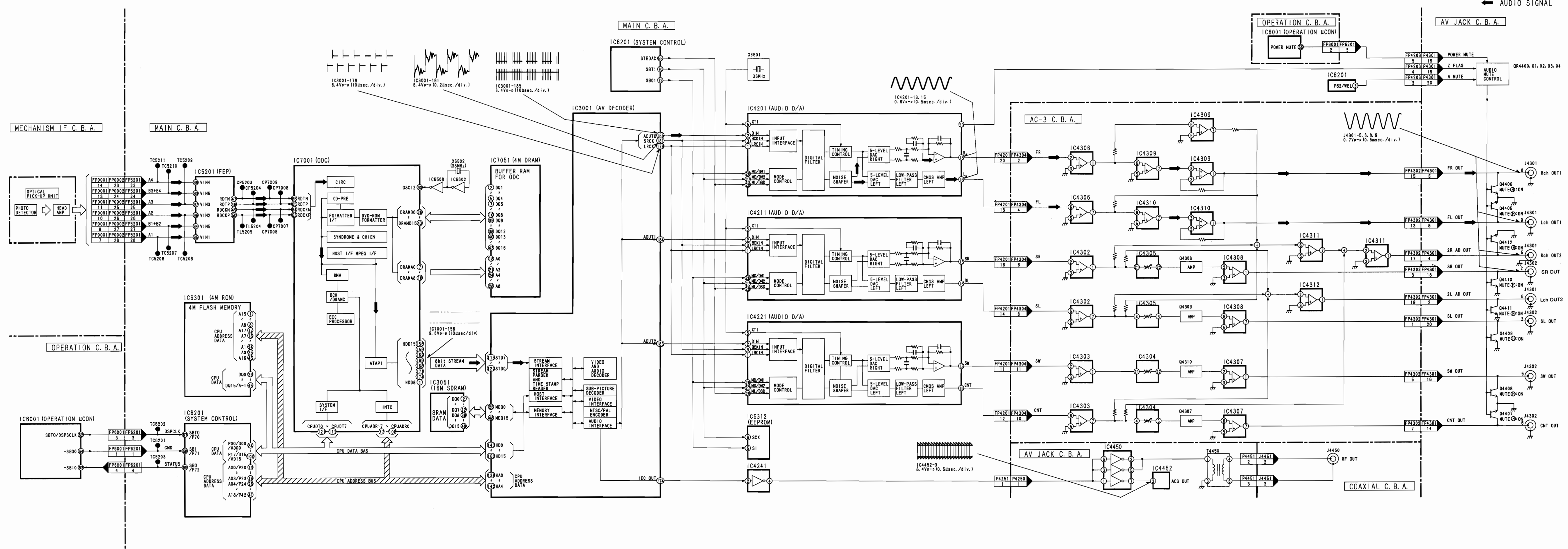
2. VIDEO BLOCK DIAGRAM



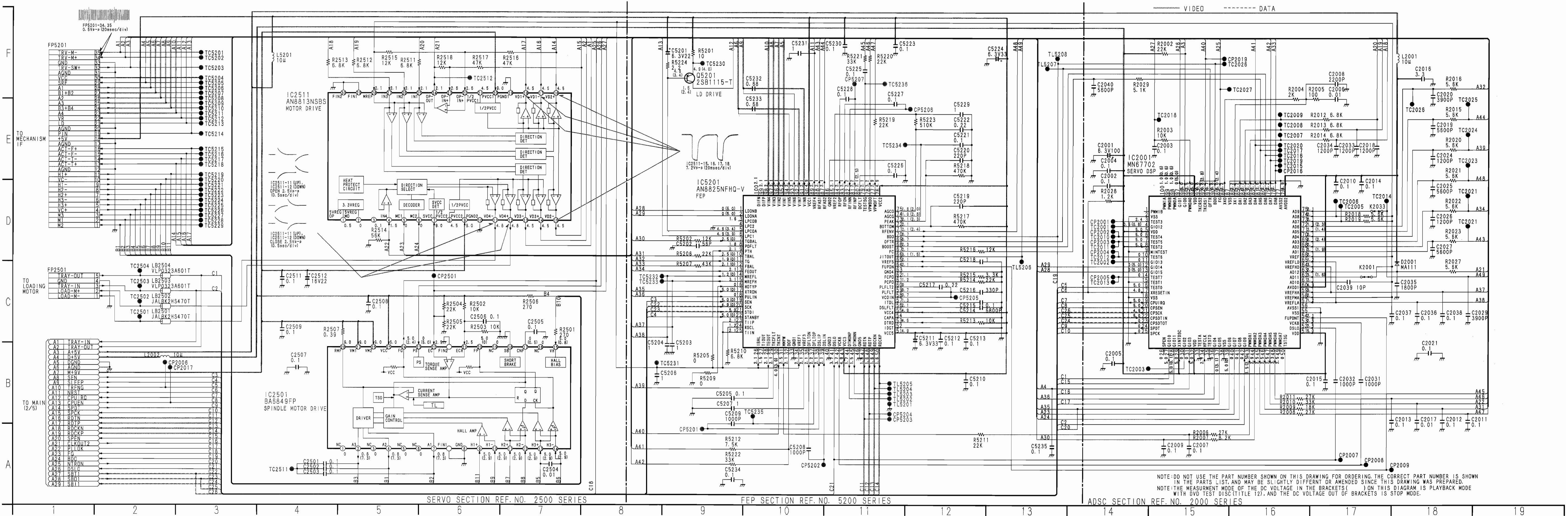
3. SERVO BLOCK DIAGRAM



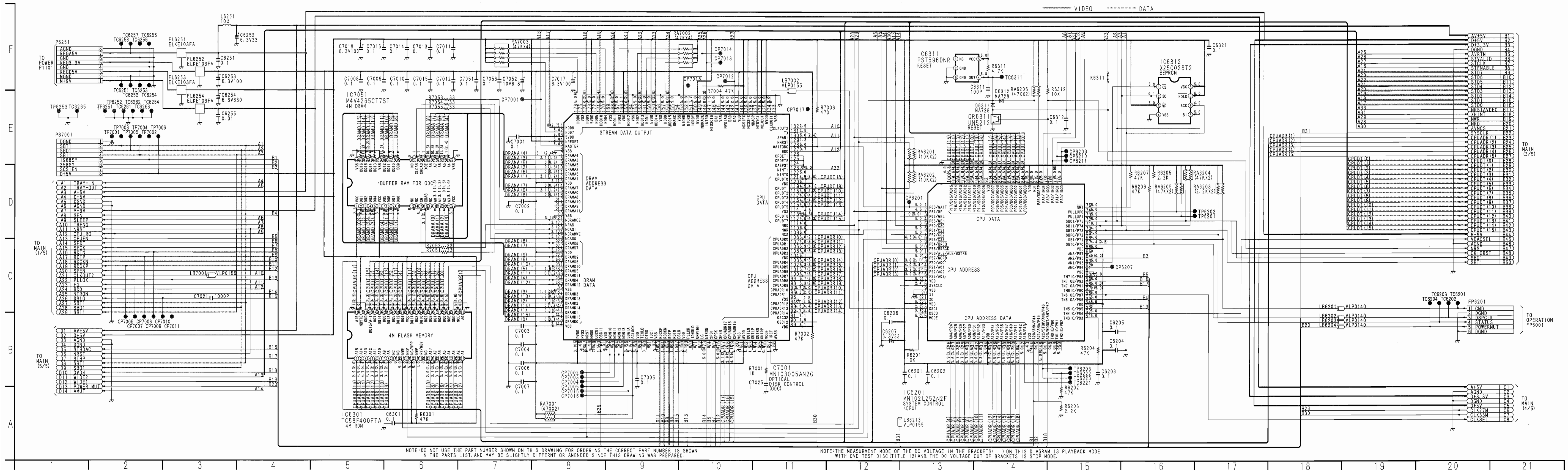
4. AUDIO BLOCK DIAGRAM



5. FEP AND ADSC AND SERVO SECTION (MAIN C.B.A. 1/5) SCHEMTIC DIAGRAM



6. ODC AND CPU SECTION (MAIN C.B.A. 2/5) SCHEMATIC DIAGRAM



A
B
C
D
E
F



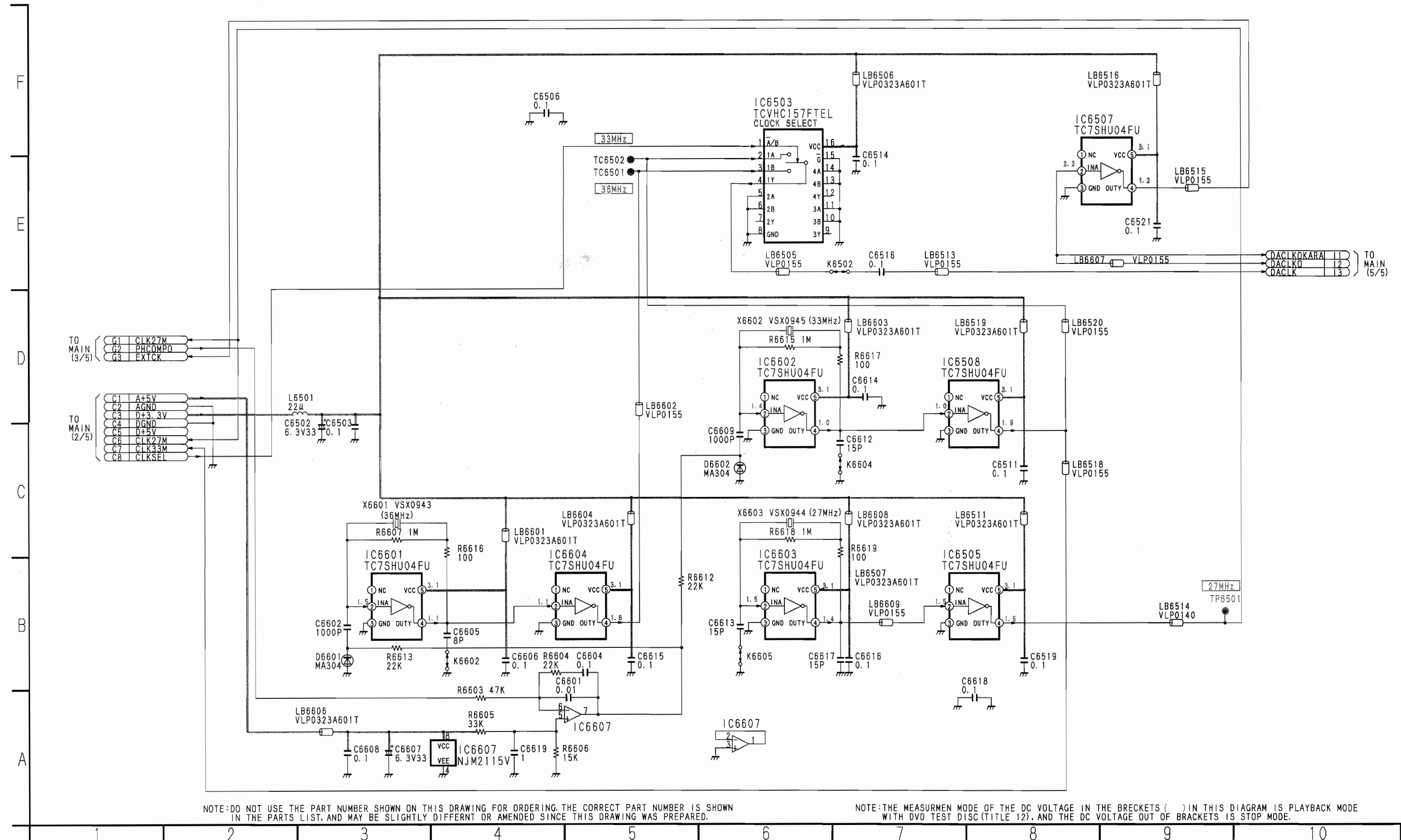
TO
MAIN
(2/5)

A

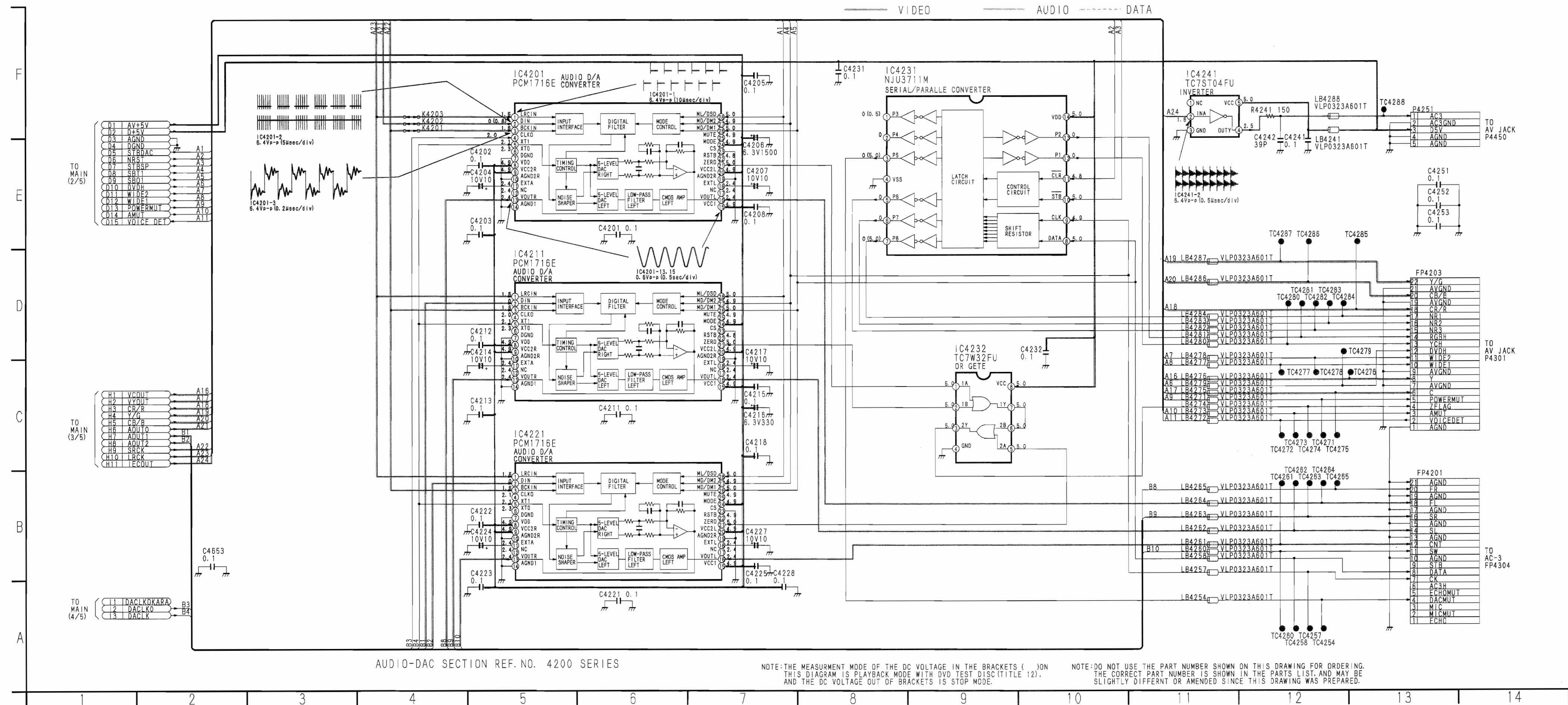
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS () ON THIS DIAGRAM IS PLAYBACK MODE WITH DVD TEST DISC (TITLE 12), AND THE DC VOLTAGE OUT OF BRACKETS IS STOP MODE.

AV DECODER SECTION REF. NO. 3000 SERIES

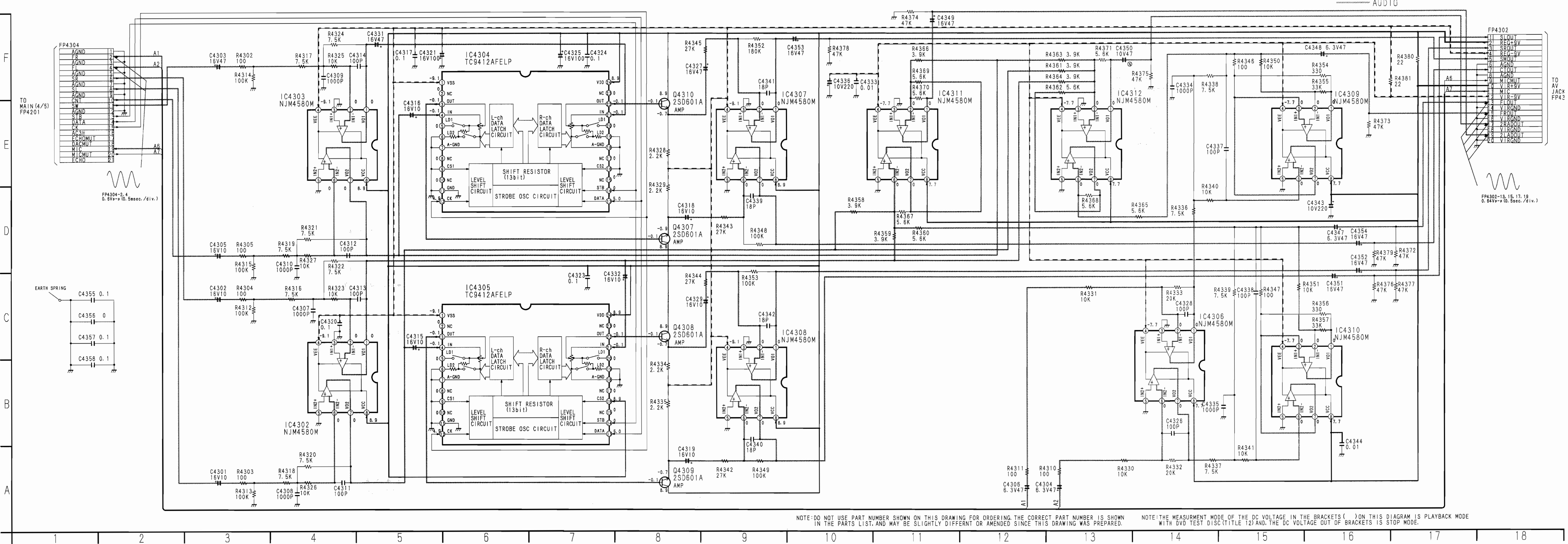
8. CLOCK SYNC SECTION (MAIN C.B.A. 4/5) SCHEMATIC DIAGRAM



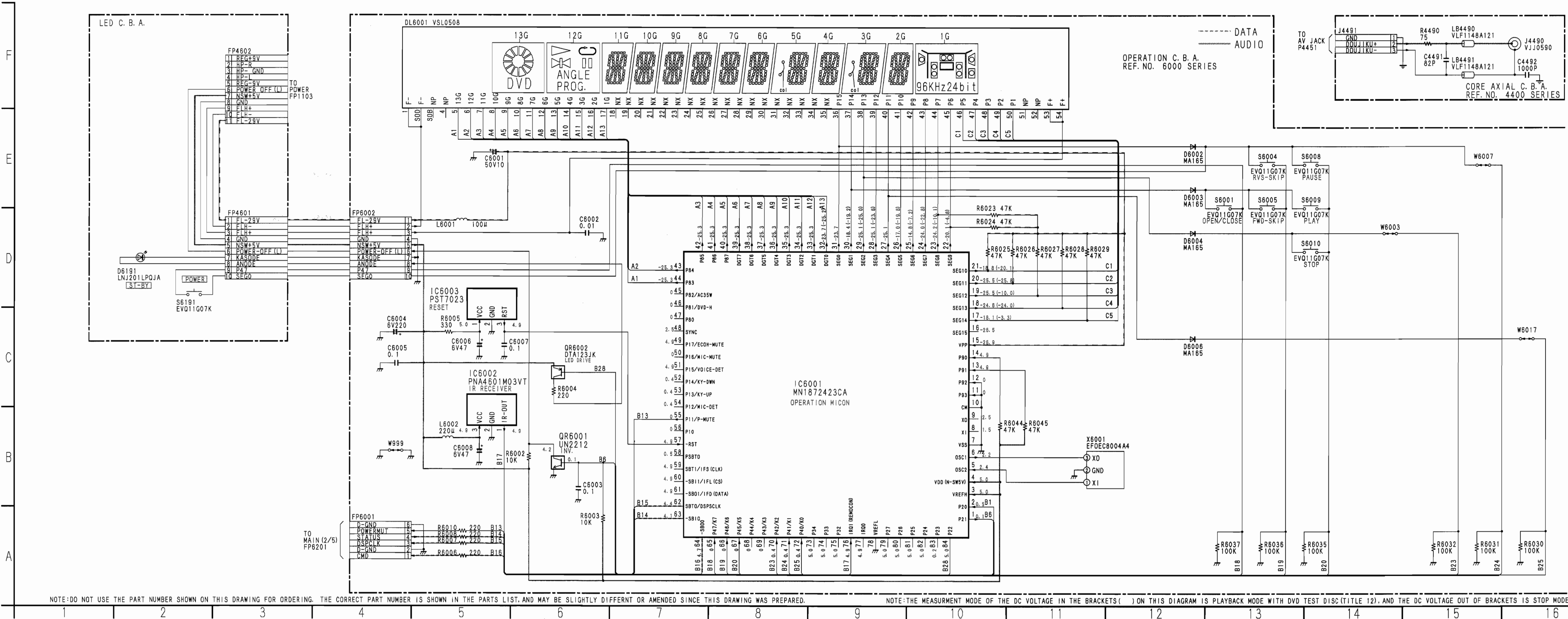
9. AUDIO DAC SECTION (MAIN C.B.A. 5/5) SCHEMATIC DIAGRAM



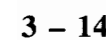
10. AC-3 SCHEMATIC DIAGRAM



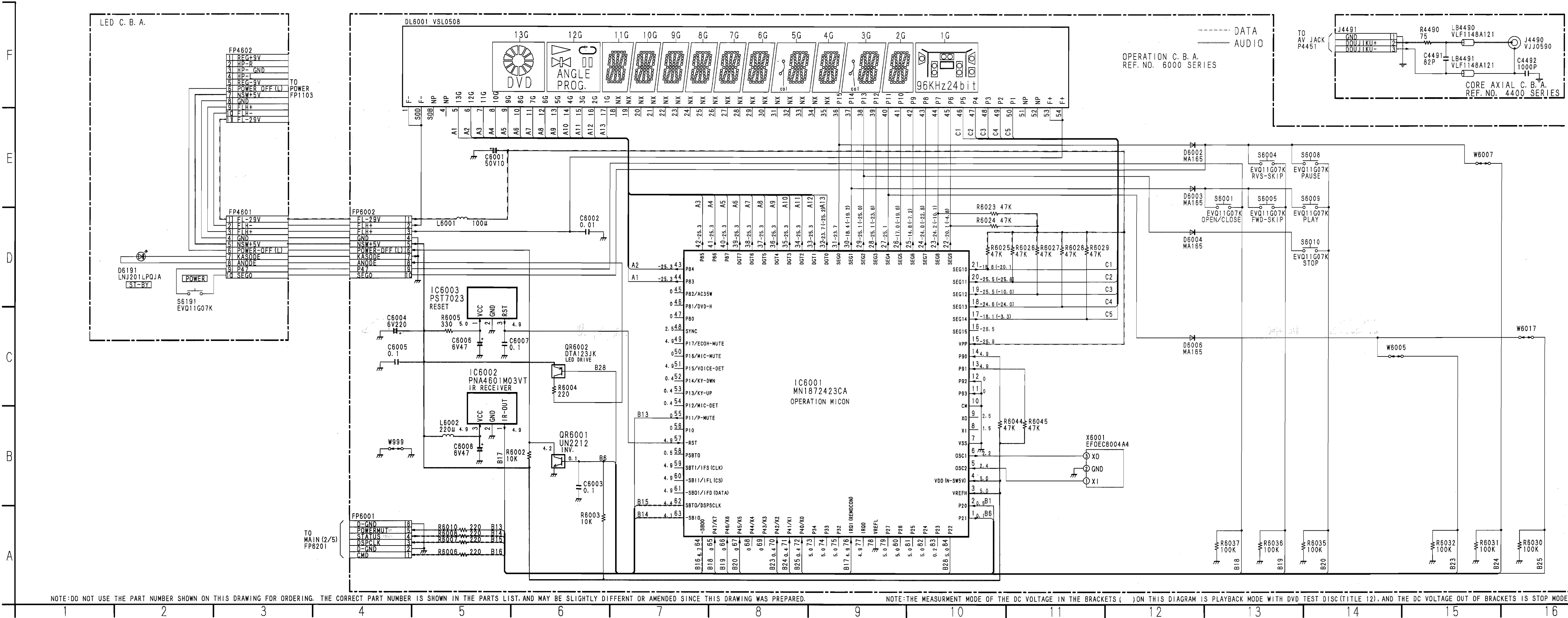
11. OPERATION AND LED AND COAXIAL SCHEMATIC DIAGRAM (G model)



3 - 14

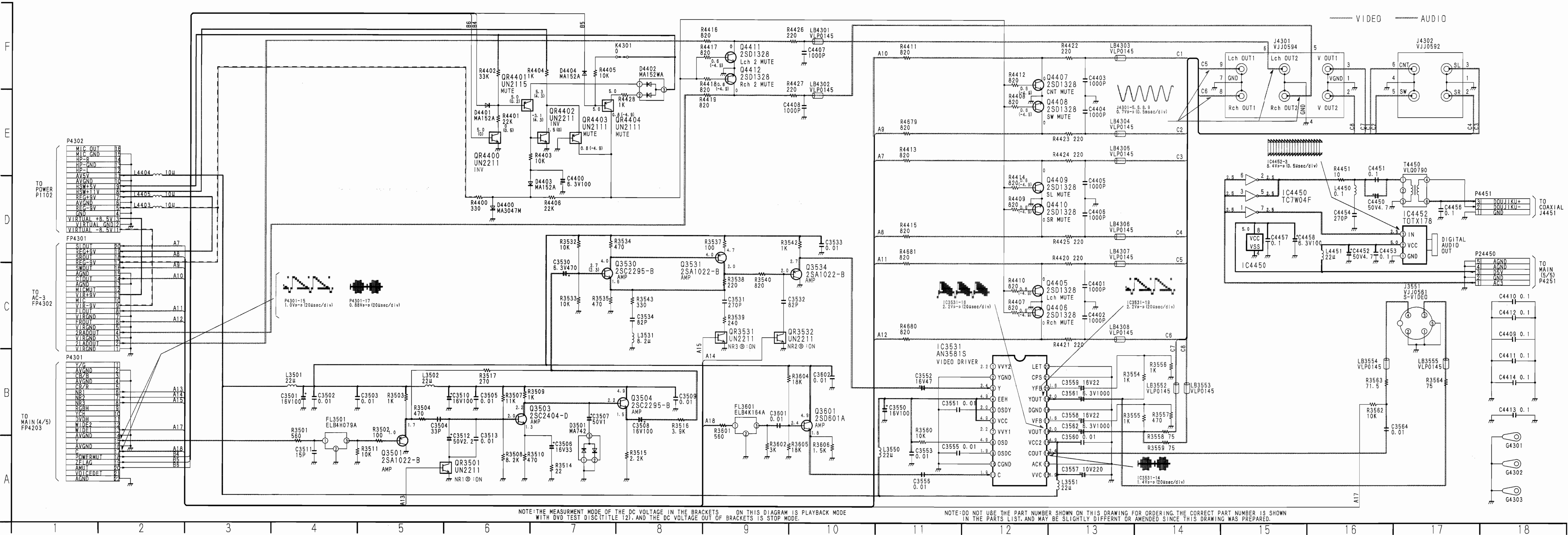


11. OPERATION AND LED AND COAXIAL SCHEMATIC DIAGRAM (R model)



General model

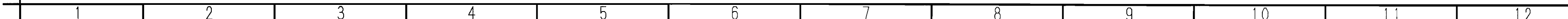
12. AV JACK SCHEMATIC DIAGRAM



A vertical number line with tick marks labeled A, B, C, D, E, and F from bottom to top.

CAUTION

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK  HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.



European model

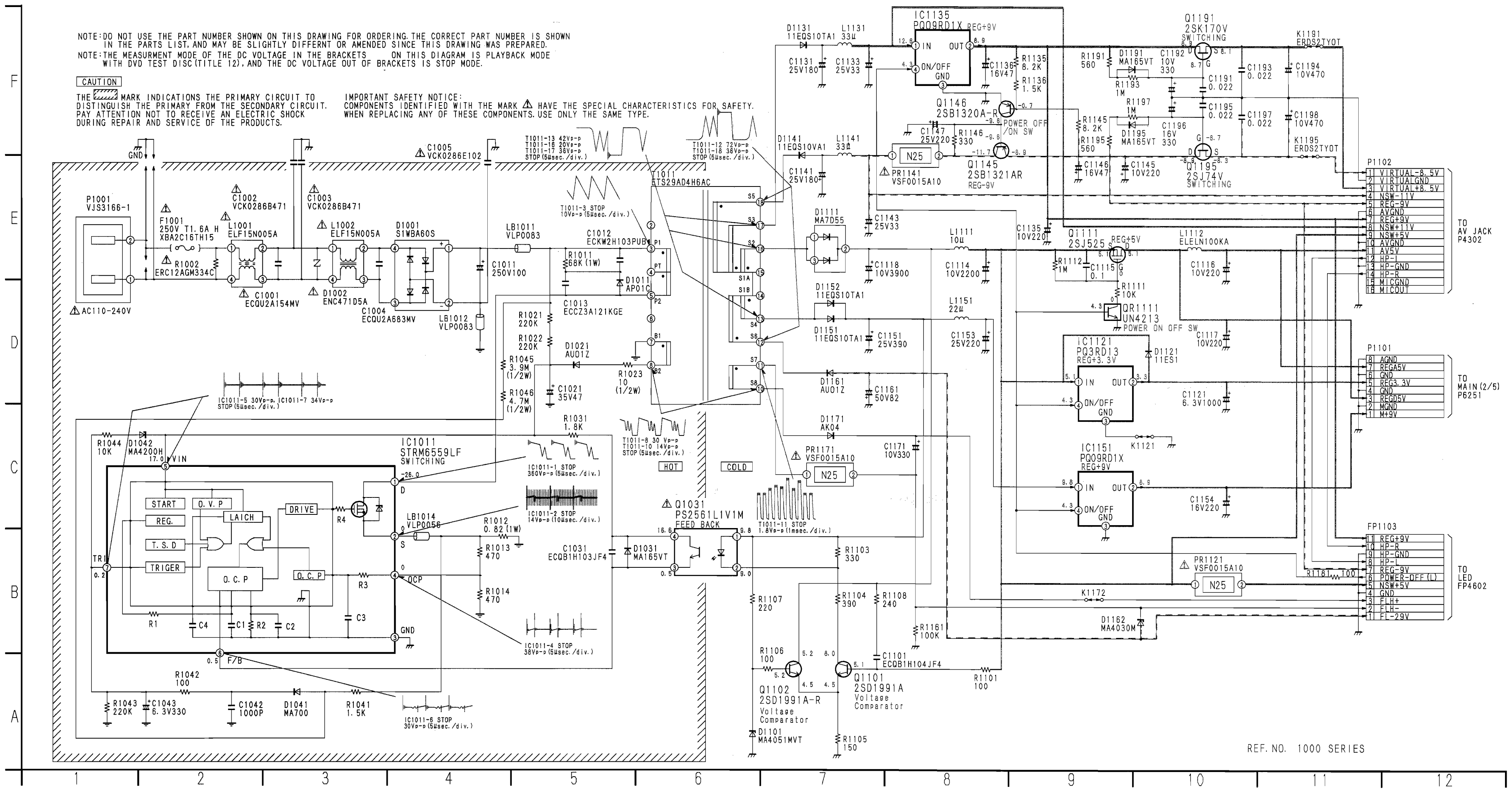
13. POWER SUPPLY SCHEMATIC DIAGRAM (A model)

NOTE: DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR ORDERING. THE CORRECT PART NUMBER IS SHOWN IN THE PARTS LIST, AND MAY BE SLIGHTLY DIFFERENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.
NOTE: THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH DVD TEST DISC (TITLE 12), AND THE DC VOLTAGE OUT OF BRACKETS IS STOP MODE.

CAUTION

THE  MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT. PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK  HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.



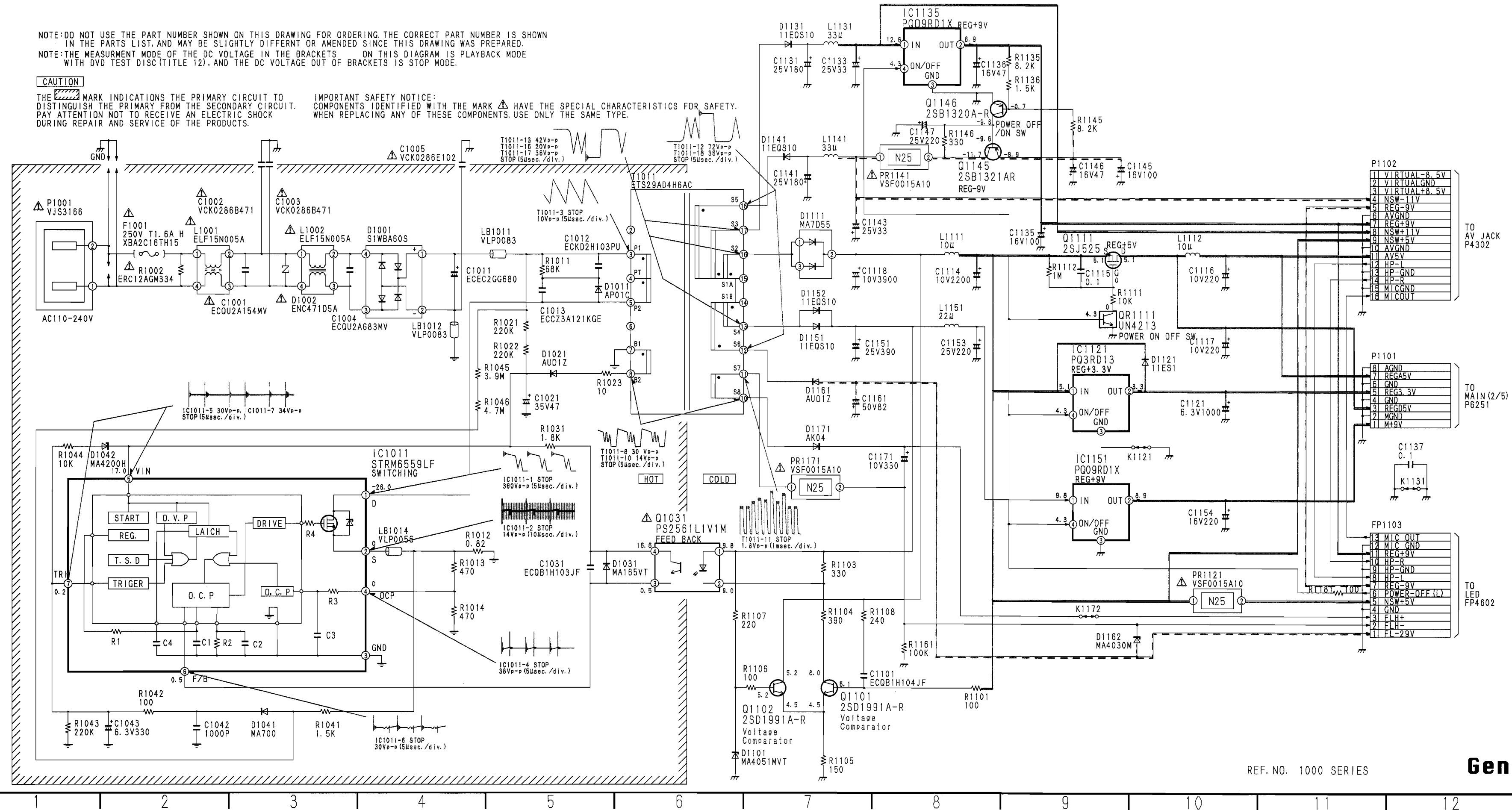
13. POWER SUPPLY SCHEMATIC DIAGRAM (R model)

NOTE:DO NOT USE THE PART NUMBER SHOWN ON THIS DRAWING FOR ORDERING.THE CORRECT PART NUMBER IS SHOWN IN THE PARTS LIST,AND MAY BE SLIGHTLY DIFFERENT OR AMENDED SINCE THIS DRAWING WAS PREPARED.
NOTE:THE MEASUREMENT MODE OF THE DC VOLTAGE IN THE BRACKETS ON THIS DIAGRAM IS PLAYBACK MODE WITH DVD TEST DISC(TITLE 12),AND THE DC VOLTAGE OUT OF BRACKETS IS STOP MODE.

CAUTION

THE  MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT. PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

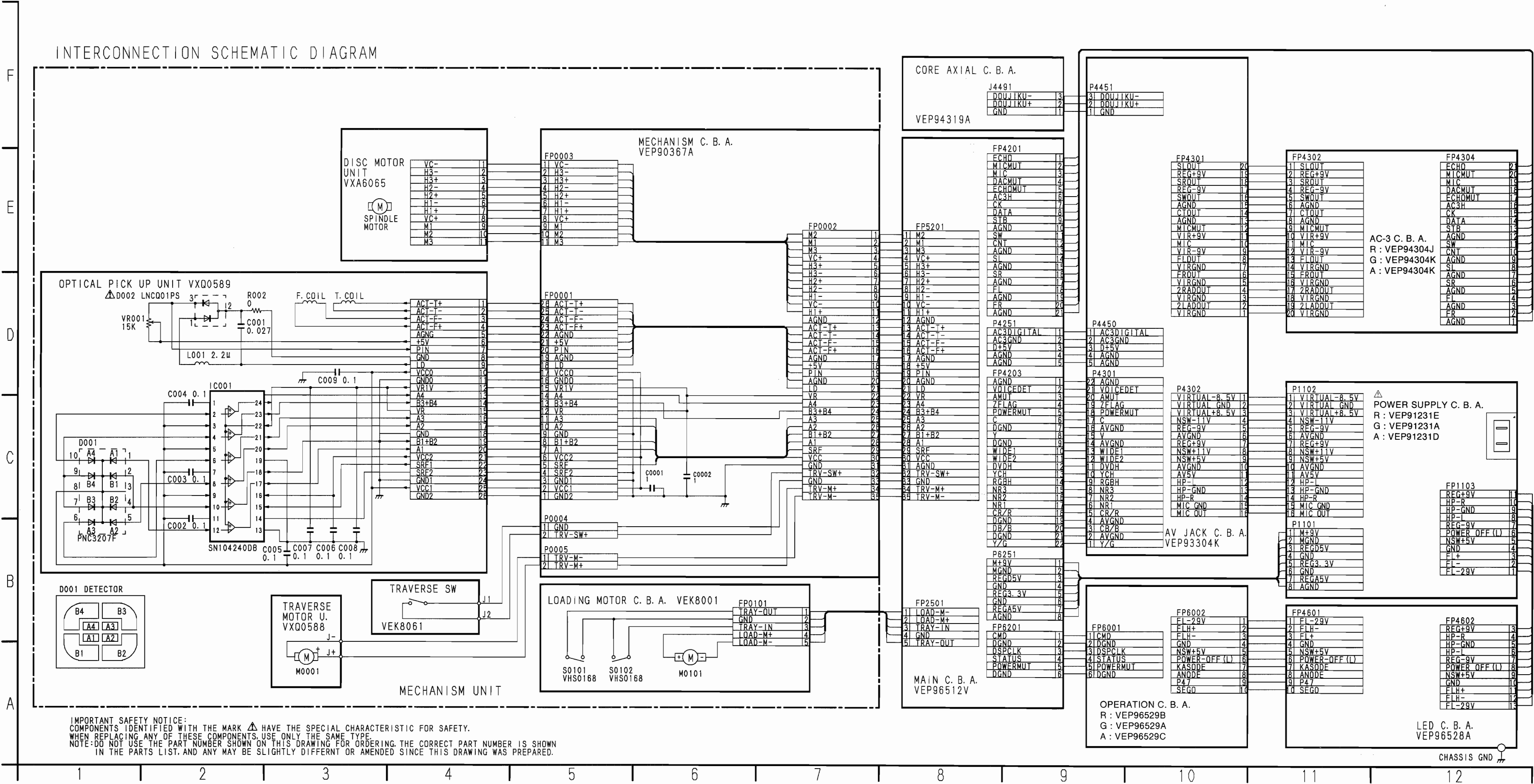
IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK  HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS,USE ONLY THE SAME TYPE.



REF.NO. 1000 SERIES

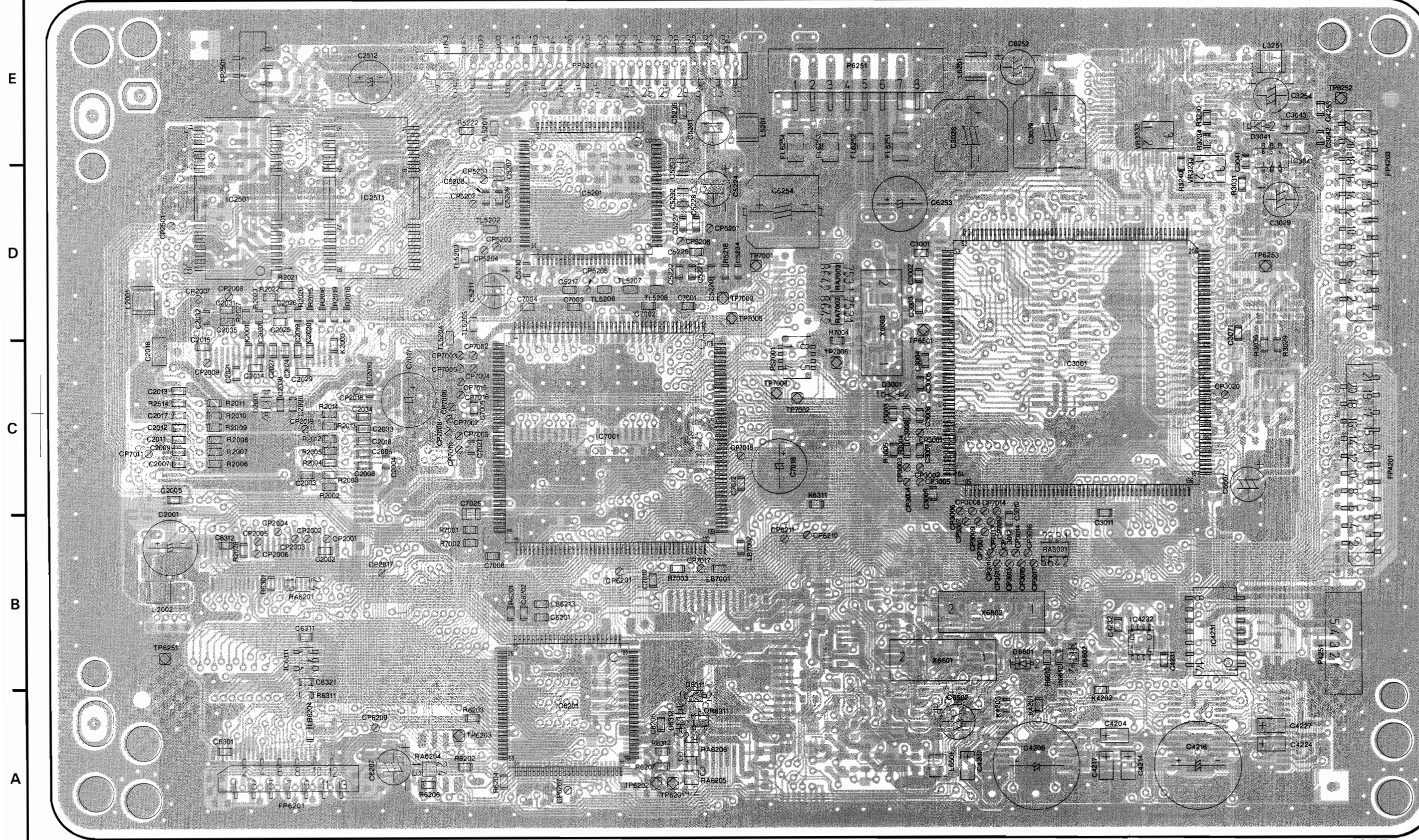
General model

14. INTERCONNECTION SCHEMATIC DIAGRAM



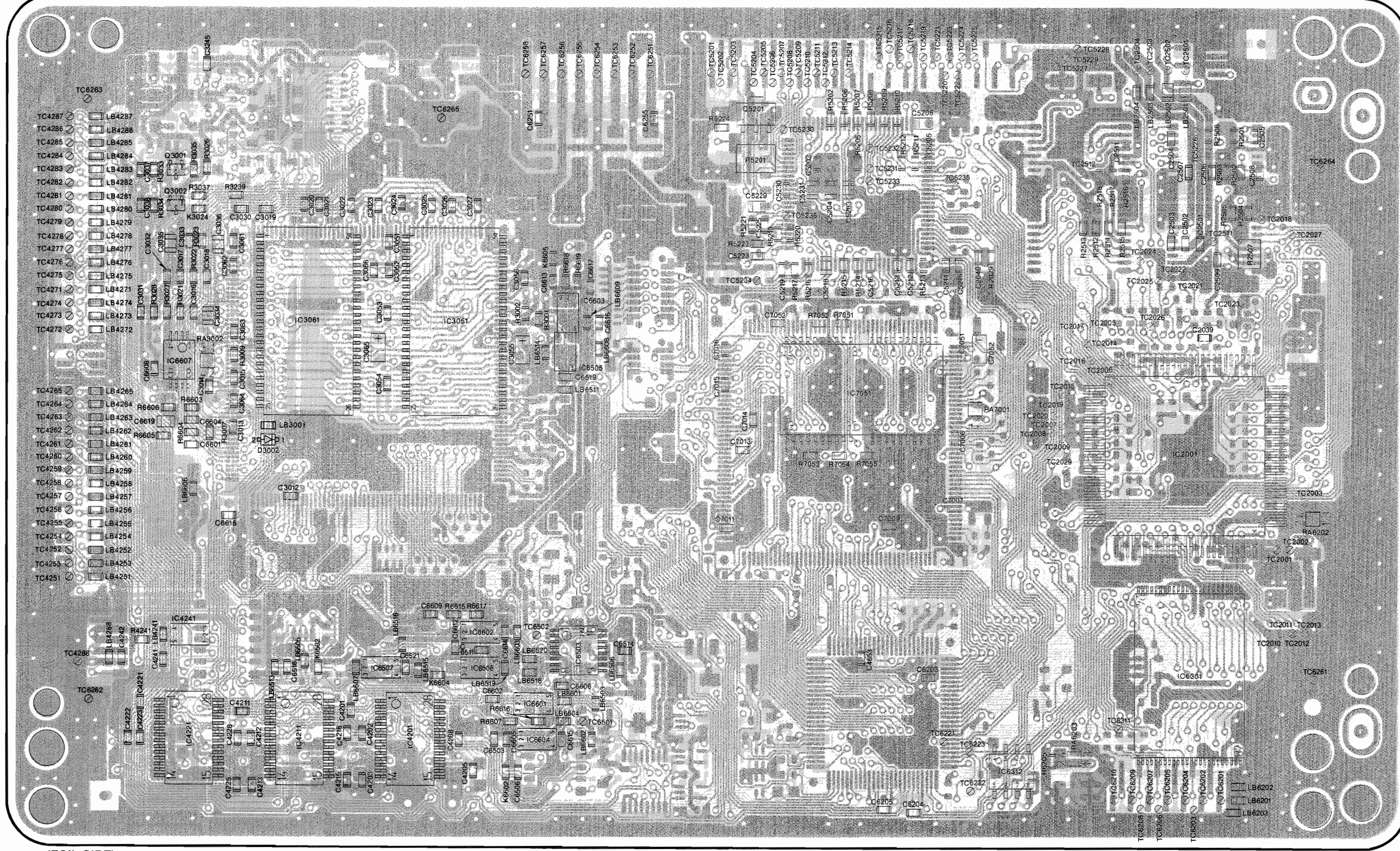
15. MAIN C.B.A.

MAIN C.B.A. (1/2)



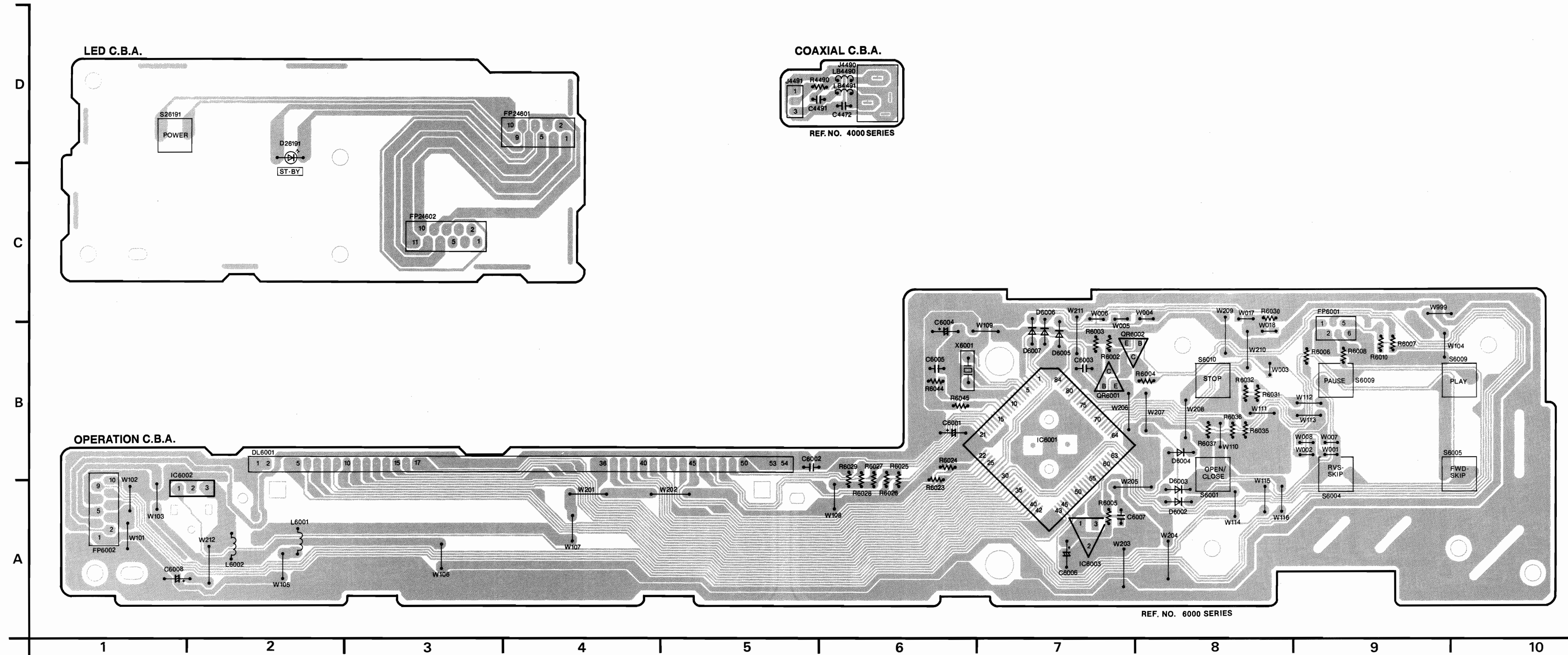
(COMPONENT SIDE)

MAIN C.B.A. (2/2)



(FOIL SIDE)

16. OPERATINON C.B.A. AND LED C.B.A. AND COAXIAL C.B.A.



17. POWER SUPPLY C.B.A. (G, A models)

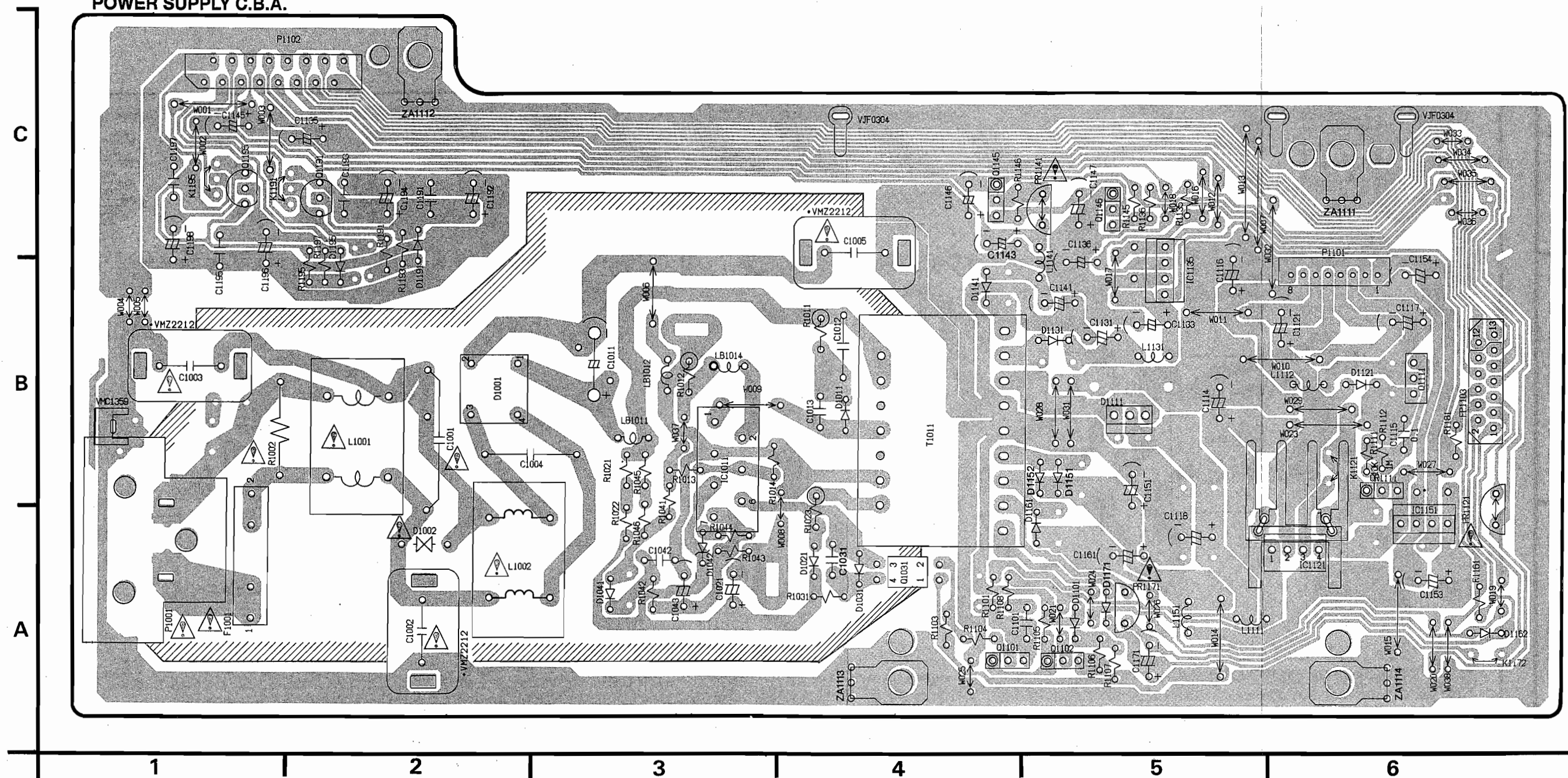
European & Australian models

CAUTION

THE RED MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

1. Components identified with the mark  have the special characteristics for safety. When replacing any of these components, use only the same type.
2.  High voltage is applied here. Pay extreme attention, when replacing.
3. When servicing, remove the power cord from the power outlet.
4. When replacing any components, confirm the correct part number with the parts list.

POWER SUPPLY C.B.A.



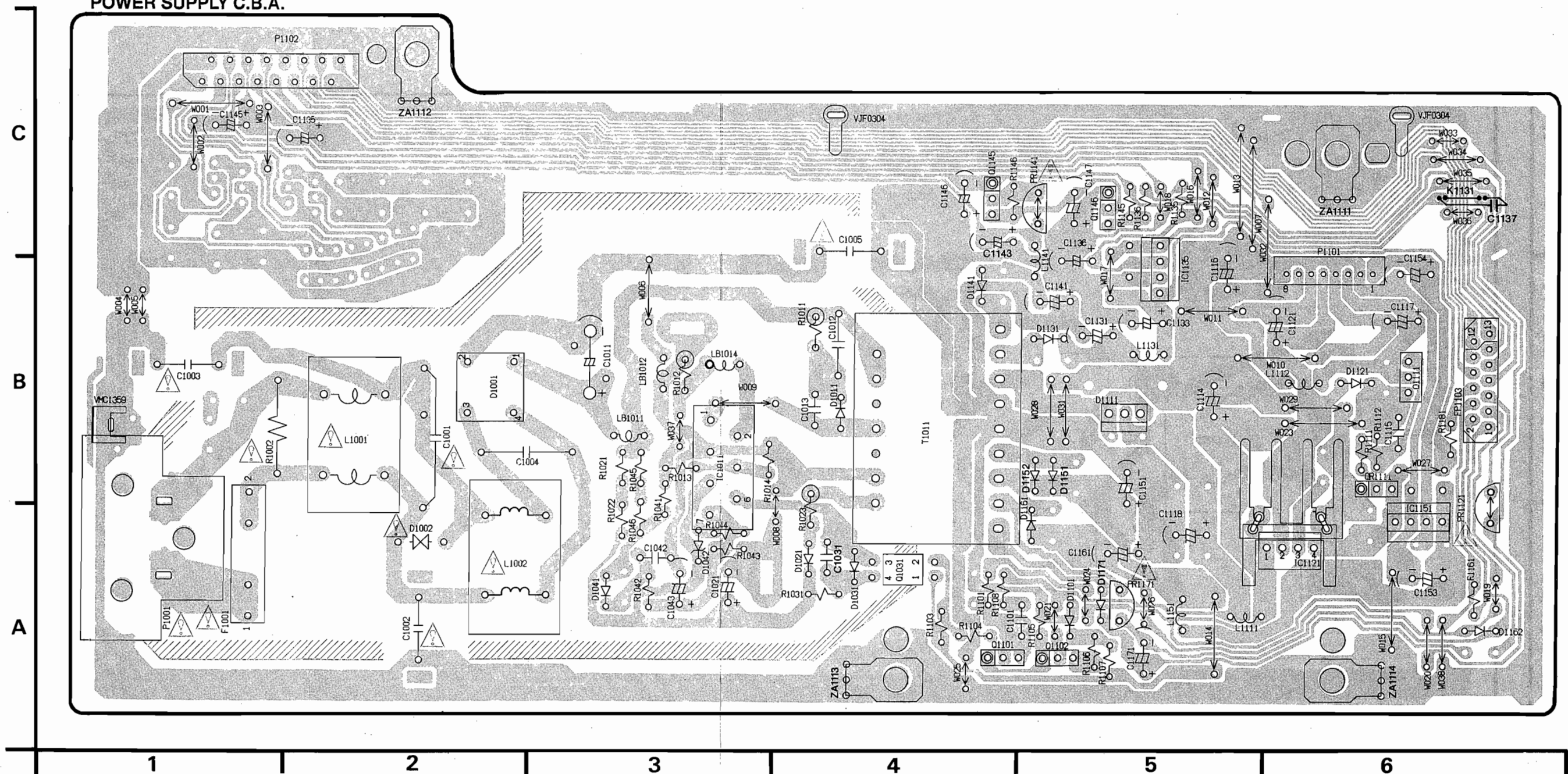
17. POWER SUPPLY C.B.A. (R model)

General model

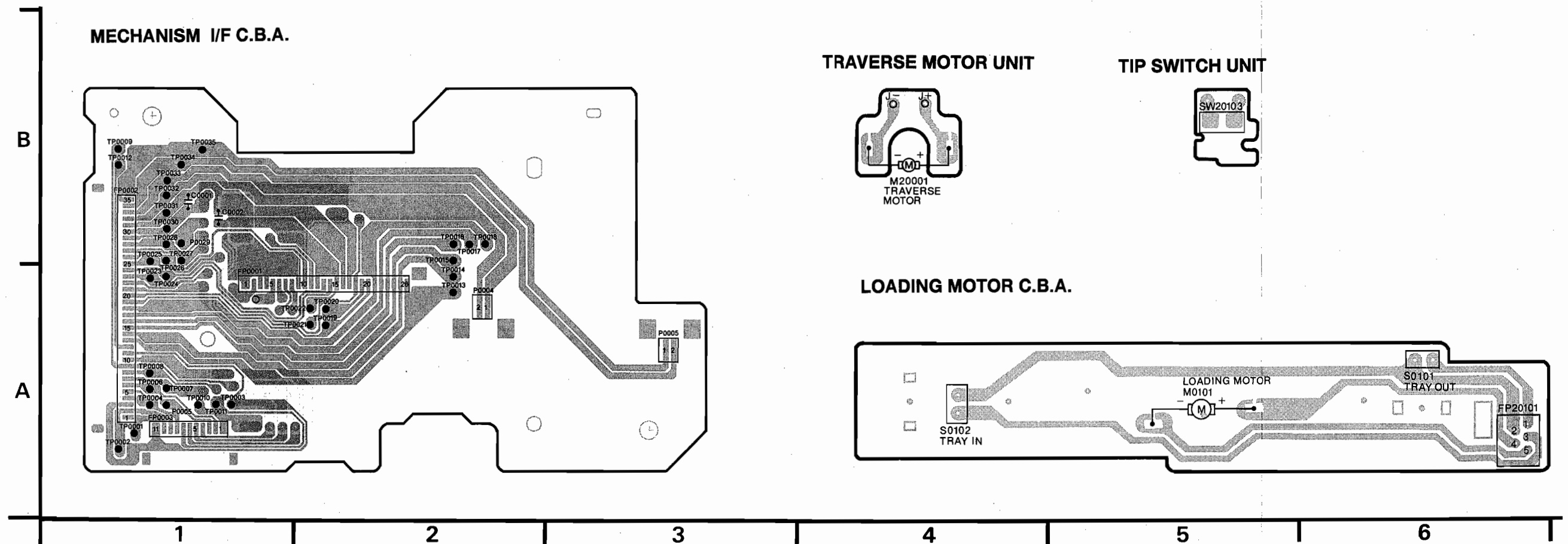


1. Components identified with the mark  have the special characteristics for safety. When replacing any of these components, use only the same type.
2.  High voltage is applied here. Pay extreme attention, when replacing.
3. When servicing, remove the power cord from the power outlet.
4. When replacing any components, confirm the correct part number with the parts list.

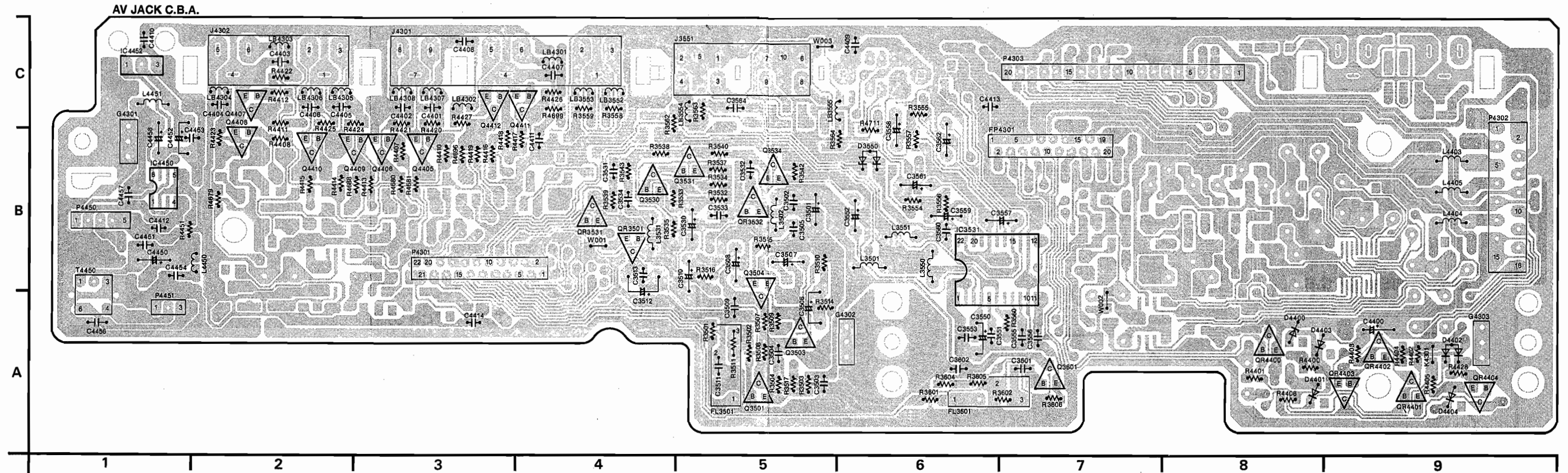
POWER SUPPLY C.B.A.



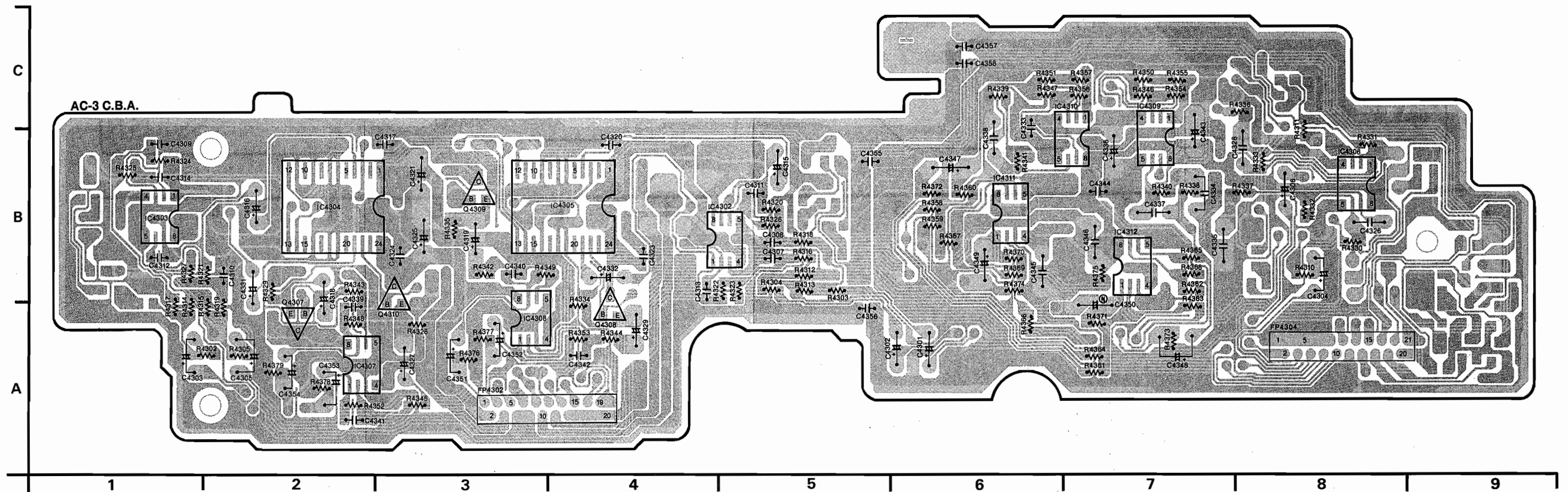
18. MECHANISM IF C.B.A. AND TRAVERSE MOTOR U. AND LOADING MOTOR C.B.A. AND TIP SW U.



19. AV JACK C.B.A.



20. AC-3 C.B.A.



SECTION 4 EXPLODED VIEWS & REPLACEMENT PARTS LIST

1. Electrical Replacement Parts List

■ WARNING

Components having special characteristics are marked $\triangle$ and must be replaced with parts having specifications equal to those originally installed.

- Carbon resistors (1/6W or 1/4W) are not included in the ELECTRICAL PARTS List. For the part Nos. of the carbon resistors, refer to page 4 - 23.

ABBREVIATIONS IN THIS LIST ARE AS FOLLOWS :

C.A.EL.CHP	: CHIP ALUMI. ELECTROLYTIC CAP	L.EMIT	: LIGHT EMITTING MODULE
C.CE	: CERAMIC CAP	LED.DSPLY	: LED DISPLAY
C.CE.ARRAY	: CERAMIC CAP ARRAY	LED.INFRD	: LED, INFRARED
C.CE.CHP	: CHIP CERAMIC CAP	MODUL.RF	: MODULATOR, RF
C.CE.ML	: MULTILAYER CERAMIC CAP	PHOT.CPL	: PHOTO COUPLER
C.CE.M.CHP	: CHIP MULTILAYER CERAMIC CAP	PHOT.INTR	: PHOTO INTERRUPTER
C.CE.SAFTY	: RECOGNIZED CERAMIC CAP	PHOT.RFLCT	: PHOTO REFLECTOR
C.CE.TUBLR	: CERAMIC TUBULAR CAP	PIN.TEST	: PIN, TEST POINT
C.CE.SMI	: SEMI CONDUCTIVE CERAMIC CAP	PLST.RIVET	: PLASTIC RIVET
C.EL	: ELECTROLYTIC CAP	R.ARRAY	: RESISTOR ARRAY
C.MICA	: MICA CAP	R.CAR	: CARBON RESISTOR
C.ML.FLM	: MULTILAYER FILM CAP	R.CAR.CHP	: CHIP RESISTOR
C.MP	: METALLIZED PAPER CAP	R.CAR.FP	: FLAME PROOF CARBON RESISTOR
C.MYLAR	: MYLAR FILM CAP	R.FUS	: FUSABLE RESISTOR
C.MYLAR.ML	: MULTILAYER MYLAR FILM CAP	R.MTL.CHP	: CHIP METAL FILM RESISTOR
C.PAPER	: PAPER CAPACITOR	R.MTL.FLM	: METAL FILM RESISTOR
C.PLS	: POLYSTYRENE FILM CAP	R.MTL.OXD	: METAL OXIDE FILM RESISTOR
C.POL	: POLYESTER FILM CAP	R.MTL.PLAT	: METAL PLATE RESISTOR
C.POLY	: POLYETHYLENE FILM CAP	RSNR.CE	: CERAMIC RESONATOR
C.PP	: POLYPROPYLENE FILM CAP	RSNR.CRYS	: CRYSTAL RESONATOR
C.TNTL	: TANTALUM CAP	R.TW.CEM	: TWIN CEMENT FIXED RESISTOR
C.TNTL.CHP	: CHIP TANTALUM CAP	R.WW	: WIRE WOUND RESISTOR
C.TRIM	: TRIMMER CAP	SCR.BND.HD	: BIND HEAD B-TITE SCREW
CN	: CONNECTOR	SCR.BW.HD	: BW HEAD TAPPING SCREW
CN.BS.PIN	: CONNECTOR, BASE PIN	SCR.CUP	: CUP TITE SCREW
CN.CANNON	: CONNECTOR, CANNON	SCR.TERM	: SCREW TERMINAL
CN.DIN	: CONNECTOR, DIN	SCR.TR	: SCREW, TRANSISTOR
CN.FLAT	: CONNECTOR, FLAT CABLE	SUPRT.PCB	: SUPPORT, P.C.B.
CN.POST	: CONNECTOR, BASE POST	SURG.PRTCT	: SURGE PROTECTOR
COIL.MX.AM	: COIL, AM MIX	SW.TACT	: TACT SWITCH
COIL.AT.FM	: COIL, FM ANTENNA	SW.LEAF	: LEAF SWITCH
COIL.DT.FM	: COIL, FM DETECT	SW.LEVER	: LEVER SWITCH
COIL.MX.FM	: COIL, FM MIX	SW.MICRO	: MICRO SWITCH
COIL.OUTPT	: OUTPUT COIL	SW.PUSH	: PUSH SWITCH
DIOD.ARRAY	: DIODE ARRAY	SW.RT.ENC	: ROTARY ENCODER
DIODE.BRG	: DIODE BRIDGE	SW.RT.MTR	: ROTARY SWITCH WITH MOTOR
DIODE.CHP	: CHIP DIODE	SW.RT	: ROTARY SWITCH
DIODE.VAR	: VARACTOR DIODE	SW.SLIDE	: SLIDE SWITCH
DIOD.Z.CHP	: CHIP ZENER DIODE	TERM.SP	: SPEAKER TERMINAL
DIODE.ZENR	: ZENER DIODE	TERM.WRAP	: WRAPPING TERMINAL
DSCR.CE	: CERAMIC DISCRIMINATOR	THRMST.CHP	: CHIP THERMISTOR
FER.BEAD	: FERRITE BEADS	TR.CHP	: CHIP TRANSISTOR
FER.CORE	: FERRITE CORE	TR.DGT	: DIGITAL TRANSISTOR
FET.CHP	: CHIP FET	TR.DGT.CHP	: CHIP DIGITAL TRANSISTOR
FL.DSPLY	: FLUORESCENT DISPLAY	TRANS	: TRANSFORMER
FLTR.CE	: CERAMIC FILTER	TRANS.PULS	: PULSE TRANSFORMER
FLTR.COMB	: COMB FILTER MODULE	TRANS.PWR	: POWER TRANSFORMER ASS'y
FLTR.LC.RF	: LC FILTER ,EMI	TUNER.AM	: TUNER PACK, AM
GND.MTL	: GROUND PLATE	TUNER.FM	: TUNER PACK, FM
GND.TERM	: GROUND TERMINAL	TUNER.PK	: FRONT-END TUNER PACK
HOLDER.FUS	: FUSE HOLDER	VR	: ROTARY POTENTIOMETER
IC.PRTCT	: IC PROTECTOR	VR.MTR	: POTENTIOMETER WITH MOTOR
JUMPER.CN	: JUMPER CONNECTOR	VR.SW	: POTENTIOMETER WITH ROTARY SW
JUMPER.TST	: JUMPER, TEST POINT	VR.SLIDE	: SLIDE POTENTIOMETER
L.DTCT	: LIGHT DETECTING MODULE	VR.TRIM	: TRIMMER POTENTIOMETER

Schm	Ref.	PART NO.	Description	Remarks
*		NX701930	P. C. B.	MAIN (AGR) VEP96512V
*		NX703810	P. C. B.	MAIN (UC) VEP96512W
*		NX701920	P. C. B.	OPERATION (R) VEP96529B
*		NX703780	P. C. B.	OPERATION (G) VEP96529A
*		NX703790	P. C. B.	OPERATION (A) VEP96529C
*		NX703800	P. C. B.	OPERATION (UC) VEP96529D
*		NX701900	P. C. B.	AV JACK (AGR) VEP93304K
*		NX703760	P. C. B.	AV JACK (UC) VEP93304L
△*		NX701950	P. C. B.	POWER (R) VEP91231E
△*		NX703820	P. C. B.	POWER (UC) VEP91230A
△*		NX703830	P. C. B.	POWER (G) VEP91231A
△*		NX703840	P. C. B.	POWER (A) VEP91231D
*		NX701910	P. C. B.	LED (AGR) VEP96528A
*		NX703770	P. C. B.	LED (UC) VEP96528B
*		NX701960	P. C. B.	COAXIAL (AGR) VEP94319A
*		NX703850	P. C. B.	COAXIAL (UC) VEP94319B
*		NX701890	P. C. B.	AC-3 (R) VEP94304J
*		NX703740	P. C. B.	AC-3 (UC) VEP94304F
*		NX703750	P. C. B.	AC-3 (AG) VEP94304K
*		NX701940	P. C. B.	MECHANISM IF VEP90367A
*		NX635750	P. C. B.	LOADING MOTOR VEK8001
*	C0001	FX612010	C. CE	1uF 16V ECUM1C105ZF
*	C0002	FX612010	C. CE	1uF 16V ECUM1C105ZF
△*	C1001	FX612570	C. POL	68uF 50V (UC) ECQU2A683MV
△*	C1001	FX612850	C. POL	0.15uF (AGR) ECQU2A154MV
△*	C1002	FX611960	C. CE	1000pF (UC) ECKMNA102MEF
△*	C1002	NX702590	C. CE	VCK0286B471 (AGR) VCK0286B471
△*	C1003	FX611960	C. CE	1000pF (UC) ECKMNA102MEF
△*	C1003	NX702590	C. CE	VCK0286B471 (AGR) VCK0286B471
*	C1004	FX612570	C. POL	68uF 50V ECQU2A683MV
△*	C1005	FX611970	C. CE	2200pF (UC) ECKMNA222MEF
△*	C1005	NX702600	C. CE	VCK0286E102 (AGR) VCK0286E102
*	C1006	NX703920	C. EL	100uF 250V (UC) ECA2EGE101
*	C1011	FX612650	C. EL	(AGR) ECEC2GG680
*	C1011	NX704000	C. CE	VCK0266K182 (UC) VCK0266K182
*	C1012	FX612780	C. CE	0.01uF 500V (AGR) ECKD2H103PU
*	C1012	NX704010	C. CE	VCK0266K471 (UC) VCK0266K471
*	C1013	FX612630	C. EL	(AGR) ECCZ3A121KGE
*	C1021	FX612770	C.	(AGR) VCEA1VJC470
*	C1021	NX704200	C. POL	0.1uF 50V (UC) ECQV1H104JM
*	C1031	FX612830	C. POL	0.01uF (AGR) ECQB1H103JF
*	C1031	NX704180	C. POL	1800pF 50V (UC) ECQB1H182JF
*	C1032	FX612830	C. POL	0.01uF (UC) ECQB1H103JF
*	C1041	NX703960	C. EL	100uF 6.3V (UC) VCEA1CJC101
*	C1042	FX612790	C. CE	(AGR) ECKF1H102KB
*	C1043	FX612680	C.	(AGR) VCEA0JJC331
*	C1051	NX703980	C. EL	2.2uF 50V (UC) VCEA1HJC2R2
*	C1101	FX612840	C. POL	ECQB1H104JF
*	C1114	FX612710	C.	VCEA1AJC222
*	C1115	NX702090	C. EL	0.1uF 25V (AGR) ECFR1E104ZF
*	C1116	NX701990	C. EL	220uF 10V (RUC) ECA1APX221
*	C1116	NX703900	C. EL	220uF 10V (AG) ECA1APXS221

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	C1117	NX701990	C. EL	220uF 10V ECA1APX221
*	C1118	NX702570	C. CE	3900uF 10V EEUFA1A392
*	C1121	FX611470	C. EL	1000uF 6.3VCH ECA0JM102
*	C1131	NX702110	C. EL	180uF 25V VCEA1EJH181
*	C1133	FX612760	C.	VCEA1EJC330
*	C1134	NX702090	C. EL	0.1uF 25V (UC) ECFR1E104ZF
*	C1135	NX701990	C. EL	220uF 10V (AG) ECA1APX221
*	C1135	NX702000	C. EL	100uF 16V (RUC) ECA1CM101
*	C1136	FX612740	C.	(AGR) VCEA1CJC470
*	C1141	NX702110	C. EL	180uF 25V VCEA1EJH181
*	C1143	FX612760	C.	VCEA1EJC330
*	C1144	NX702090	C. EL	0.1uF 25V (UC) ECFR1E104ZF
*	C1145	NX701990	C. EL	220uF 10V (AG) ECA1APX221
*	C1145	NX702000	C. EL	100uF 16V (R) ECA1CM101
*	C1145	NX703910	C. EL	330uF 16V (UC) ECA1CM331
*	C1146	FX612740	C.	(AGR) VCEA1CJC470
*	C1147	FX612750	C.	(AGR) VCEA1EJC221
*	C1151	FX611840	C. EL	390uF 25V EEUFA1E391
*	C1153	FX612750	C.	VCEA1EJC221
*	C1154	NX702010	C. EL	220uF 16V ECA1CM221
*	C1161	NX702120	C. CE	82uF 50V VCEA1HJH820
*	C1171	FX612720	C.	VCEA1AJH331
*	C1181	NX703970	C. EL	470uF 25V (UC) VCEA1EJH471
*	C1182	NX702090	C. EL	0.1uF 25V (UC) ECFR1E104ZF
*	C1183	NX703950	C. EL	220uF 6.3V (UC) VCEA0JJC221
*	C1185	NX703960	C. EL	100uF 6.3V (UC) VCEA1CJC101
*	C1191	NX704190	C. POL	0.022uF 50V (AG) ECQB1H223JF
*	C1192	NX703880	C. EL	330uF 10V (AG) ECA1APX331
*	C1193	NX704190	C. POL	0.022uF 50V (AG) ECQB1H223JF
*	C1194	NX703890	C. EL	470uF 10V (AG) ECA1APX471
*	C1195	NX704190	C. POL	0.022uF 50V (AG) ECQB1H223JF
*	C1196	NX703880	C. EL	330uF 10V (AG) ECA1APX331
*	C1197	NX704190	C. POL	0.022uF 50V (AG) ECQB1H223JF
*	C1198	NX703890	C. EL	470uF 10V (AG) ECA1APX471
*	C2001	NX702100	C. EL	100uF 6.3V EEVHBOJ101
*	C2002	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFV
*	C2003	FX612210	C. CE	0.1uF 16V CH ECUX1C104KBV
*	C2004	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFV
*	C2005	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFV
*	C2006	FX612310	C. CE	0.01uF 50V CH ECUX1H103KBV
*	C2007	FX612210	C. CE	0.1uF 16V CH ECUX1C104KBV
*	C2008	FX612400	C. CE	2200pF 50V CH ECUX1H222KBV
*	C2009	FX612210	C. CE	0.1uF 16V CH ECUX1C104KBV
*	C2010	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFV
*	C2011	FX612210	C. CE	0.1uF 16V CH ECUX1C104KBV
*	C2012	FX612210	C. CE	0.1uF 16V CH ECUX1C104KBV
*	C2013	FX612210	C. CE	0.1uF 16V CH ECUX1C104KBV
*	C2014	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFV
*	C2015	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFV
*	C2016	NX702420	C. CE	3.3uF 10V ECUM1A335KBM
*	C2017	FX612310	C. CE	0.01uF 50V CH ECUX1H103KBV
*	C2018	FX612360	C. CE	1200pF 50V CH ECUX1H122KBV
*	C2019	FX612470	C. CE	5600pF 50V CH ECUX1H562KBV

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	C2020	NX702550	C. CE	3900pF 50V CH ECUX1H392KBV
*	C2021	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C2024	FX612360	C. CE	1200pF 50V CH ECUX1H122KBV
*	C2025	FX612470	C. CE	5600pF 50V CH ECUX1H562KBV
*	C2026	FX612360	C. CE	1200pF 50V CH ECUX1H122KBV
*	C2027	FX612470	C. CE	5600pF 50V CH ECUX1H562KBV
*	C2029	NX702550	C. CE	3900pF 50V CH ECUX1H392KBV
*	C2031	FX612300	C. CE	1000pF 50V CH ECUX1H102KBV
*	C2032	FX612300	C. CE	1000pF 50V CH ECUX1H102KBV
*	C2033	FX612360	C. CE	1200pF 50V CH ECUX1H122KBV
*	C2034	FX612360	C. CE	1200pF 50V CH ECUX1H122KBV
*	C2035	NX702540	C. CE	1800pF 50V CH ECUX1H182KBV
*	C2036	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C2037	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C2038	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C2039	NX702490	C. CE	10pF 50V ECUX1H100DCV
*	C2040	FX612470	C. CE	5600pF 50V CH ECUX1H562KBV
*	C2501	FX612210	C. CE	0.1uF 16V CH ECUX1C104KBV
*	C2502	FX612210	C. CE	0.1uF 16V CH ECUX1C104KBV
*	C2503	FX612210	C. CE	0.1uF 16V CH ECUX1C104KBV
*	C2504	FX612310	C. CE	0.01uF 50V CH ECUX1H103KBV
*	C2505	FX612210	C. CE	0.1uF 16V CH ECUX1C104KBV
*	C2506	FX612210	C. CE	0.1uF 16V CH ECUX1C104KBV
*	C2507	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C2508	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C2509	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C2511	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C2512	NX702580	C. CE	22uF 16V EEVHB1C220
*	C3001	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3002	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3003	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3004	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3005	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3006	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3007	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3008	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3009	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3010	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3011	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3012	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3013	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3014	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3015	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3016	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3017	FX612220	C. CE	0.1uF 16V CH(AGR) ECUX1C104ZfV
*	C3018	FX612220	C. CE	0.1uF 16V CH(AGR) ECUX1C104ZfV
*	C3019	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3020	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3021	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3022	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3023	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3024	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3025	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV

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Schm	Ref.	PART NO.	Description	Remarks
*	C3026	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3027	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3028	FX611790	C. EL	330uF 6.3VCH ECEV0JA331
*	C3029	FX611880	C. EL	33uF 6.3V(AGR) EEVHBOJ330
*	C3030	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3031	FX612220	C. CE	0.1uF 16V CH(AGR) ECUX1C104ZfV
*	C3032	FX612220	C. CE	0.1uF 16V CH(AGR) ECUX1C104ZfV
*	C3033	FX612220	C. CE	0.1uF 16V CH(AGR) ECUX1C104ZfV
*	C3034	FX611980	C. CE	1uF 10V CH(AGR) ECUM1A105KBN
*	C3035	FX611980	C. CE	1uF 10V CH(AGR) ECUM1A105KBN
*	C3036	FX611980	C. CE	1uF 10V CH(AGR) ECUM1A105KBN
*	C3037	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3038	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3039	FX611790	C. EL	330uF 6.3VCH ECEV0JA331
*	C3041	FX612220	C. CE	0.1uF 16V CH(AGR) ECUX1C104ZfV
*	C3042	FX612220	C. CE	0.1uF 16V CH(AGR) ECUX1C104ZfV
*	C3043	NX702720	C. TNTL. CHP	10uF 10V(AGR) ECST1AY106Z
*	C3051	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3052	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3053	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3054	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3055	NX702720	C. TNTL. CHP	10uF 10V ECST1AY106Z
*	C3056	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3061	FX612220	C. CE	0.1uF 16V CH(AGR) ECUX1C104ZfV
*	C3062	FX612220	C. CE	0.1uF 16V CH(AGR) ECUX1C104ZfV
*	C3063	FX612220	C. CE	0.1uF 16V CH(AGR) ECUX1C104ZfV
*	C3064	FX612220	C. CE	0.1uF 16V CH(AGR) ECUX1C104ZfV
*	C3065	NX702720	C. TNTL. CHP	10uF 10V(AGR) ECST1AY106Z
*	C3066	FX612220	C. CE	0.1uF 16V CH(AGR) ECUX1C104ZfV
*	C3071	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3072	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3201	FX612330	C. CE	0.01uF 50V CH(UC) ECUX1H103ZfV
*	C3202	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3212	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3221	FX612330	C. CE	0.01uF 50V CH(UC) ECUX1H103ZfV
*	C3222	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3223	FX611980	C. CE	1uF 10V CH(UC) ECUM1A105KBN
*	C3224	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3225	FX611980	C. CE	1uF 10V CH(UC) ECUM1A105KBN
*	C3226	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3227	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3241	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3242	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3243	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3244	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3245	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZfV
*	C3251	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3252	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZfV
*	C3253	FX612510	C. TNTL	10uF 16V CH(UC) ECST1CX106
*	C3254	FX611880	C. EL	33uF 6.3V EEVHBOJ330
*	C3501	NX702030	C. EL	100uF 16V ECEA1CKA101
*	C3502	FX612080	C. CE	0.01uF 50V CH ECUM1H103ZfN
*	C3503	FX612080	C. CE	0.01uF 50V CH ECUM1H103ZfN

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Schm	Ref.	PART NO.	Description	Remarks
*	C3504	NX702450	C. CE	33pF 50V CH ECUM1H330JCN
*	C3505	FX612080	C. CE	0.01uF 50V CH ECUM1H103ZFN
*	C3506	NX702050	C. EL	33uF 16V ECEA1CKA330
*	C3507	NX702070	C. EL	1uF 50V ECEA1HKA010
*	C3508	NX702030	C. EL	100uF 16V ECEA1CKA101
*	C3509	FX612080	C. CE	0.01uF 50V CH ECUM1H103ZFN
*	C3510	NX702030	C. EL	100uF 16V ECEA1CKA101
*	C3511	FX612100	C. CE	15pF 50V CH ECUM1H150JCN
*	C3512	NX702080	C. EL	2.2uF 50V ECEA1HKA2R2
*	C3513	FX612070	C. CE	0.01uF 50V CH ECUM1H103KBN
*	C3530	FX611490	C. EL	470uF 6.3V ECA0JM471
*	C3531	NX702440	C. CE	270pF 50V CH ECUM1H271JCN
*	C3532	NX702460	C. CE	82pF 50V CH ECUM1H820JCN
*	C3533	FX612080	C. CE	0.01uF 50V CH ECUM1H103ZFN
*	C3534	NX702460	C. CE	82pF 50V CH ECUM1H820JCN
*	C3550	NX702030	C. EL	100uF 16V ECEA1CKA101
*	C3551	FX612080	C. CE	0.01uF 50V CH ECUM1H103ZFN
*	C3552	NX702060	C. EL	47uF 16V ECEA1CKA470
*	C3553	FX612080	C. CE	0.01uF 50V CH ECUM1H103ZFN
*	C3555	FX612080	C. CE	0.01uF 50V CH ECUM1H103ZFN
*	C3556	FX612070	C. CE	0.01uF 50V CH ECUM1H103KBN
*	C3557	NX702020	C. EL	220uF 10V ECEA1KA221
*	C3558	NX702040	C. EL	22uF 16V ECEA1CKA220
*	C3559	NX702040	C. EL	22uF 16V ECEA1CKA220
*	C3560	FX612080	C. CE	0.01uF 50V CH ECUM1H103ZFN
*	C3561	FX611470	C. EL	1000uF 6.3VCH ECA0JM102
*	C3562	FX611470	C. EL	1000uF 6.3VCH ECA0JM102
*	C3564	FX612070	C. CE	0.01uF 50V CH ECUM1H103KBN
*	C3601	FX612070	C. CE	0.01uF 50V CH ECUM1H103KBN
*	C3602	FX612080	C. CE	0.01uF 50V CH ECUM1H103ZFN
*	C3661	FX612080	C. CE	0.01uF 50V CH(UC) ECUM1H103ZFN
*	C3671	FX612080	C. CE	0.01uF 50V CH(UC) ECUM1H103ZFN
*	C3680	NX702010	C. EL	220uF 16V(UC) ECA1QM221
*	C3681	FX612080	C. CE	0.01uF 50V CH(UC) ECUM1H103ZFN
*	C3684	FX611600	C. EL	220uF 6.3V(UC) ECEA0JKA221
*	C3685	NX702040	C. EL	22uF 16V(UC) ECEA1CKA220
*	C3686	FX611600	C. EL	220uF 6.3V(UC) ECEA0JKA221
*	C3687	NX702040	C. EL	22uF 16V(UC) ECEA1CKA220
*	C4201	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4202	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4203	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4204	NX702720	C. TNLT. CHP	10uF 10V ECST1AY106Z
*	C4205	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4206	FX612660	C. EL	(AGR) ECEVOJA102
*	C4206	NX703930	C. EL	1500uF 6.3V(UC) EEVFC0J152XP
*	C4207	NX702720	C. TNLT. CHP	10uF 10V ECST1AY106Z
*	C4208	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4211	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4212	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4213	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4214	NX702720	C. TNLT. CHP	10uF 10V ECST1AY106Z
*	C4215	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4216	FX611790	C. EL	330uF 6.3VCH(UC) ECEVOJA331

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Schm	Ref.	PART NO.	Description	Remarks
*	C4216	FX612660	C. EL	(AGR) ECEVOJA102
*	C4217	NX702720	C. TNLT. CHP	10uF 10V ECST1AY106Z
*	C4218	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4221	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4222	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4223	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4224	NX702720	C. TNLT. CHP	10uF 10V ECST1AY106Z
*	C4225	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4227	NX702720	C. TNLT. CHP	10uF 10V ECST1AY106Z
*	C4228	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4231	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4232	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4241	FX612220	C. CE	0.1uF 16V CH ECUX1C104ZFN
*	C4242	FX611800	C. EL	39pF 50V CH ECUX1H390JCV
*	C4251	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZFN
*	C4252	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZFN
*	C4253	FX612220	C. CE	0.1uF 16V CH(UC) ECUX1C104ZFN
*	C4301	FX611520	C. EL	10uF 16V ECA1CAK100X
*	C4302	FX611520	C. EL	10uF 16V ECA1CAK100X
*	C4303	FX611550	C. EL	47uF 16V ECA1CAK470X
*	C4304	FX611620	C. EL	47uF 6.3V(RUC) ECEA0JPZ470
*	C4304	NX703940	C. EL	47uF 6.3V(AG) VCEA0JAE470
*	C4305	FX611520	C. EL	10uF 16V(RUC) ECA1CAK100X
*	C4305	FX611620	C. EL	47uF 6.3V(AG) ECEA0JPZ470
*	C4306	FX611620	C. EL	47uF 6.3V(RUC) ECEA0JPZ470
*	C4306	NX703940	C. EL	47uF 6.3V(AG) VCEA0JAE470
*	C4307	FX612060	C. CE	1000pF 50V CH ECUM1H102JCN
*	C4308	FX612060	C. CE	1000pF 50V CH ECUM1H102JCN
*	C4309	FX612060	C. CE	1000pF 50V CH ECUM1H102JCN
*	C4310	FX612060	C. CE	1000pF 50V CH ECUM1H102JCN
*	C4311	FX612050	C. CE	100pF 50V CH ECUM1H101JCN
*	C4312	FX612050	C. CE	100pF 50V CH ECUM1H101JCN
*	C4313	FX612050	C. CE	100pF 50V CH ECUM1H101JCN
*	C4314	FX612050	C. CE	100pF 50V CH ECUM1H101JCN
*	C4315	FX611520	C. EL	10uF 16V ECA1CAK100X
*	C4316	FX611520	C. EL	10uF 16V(RUC) ECA1CAK100X
*	C4316	FX611620	C. EL	47uF 6.3V(AG) ECEA0JPZ470
*	C4317	FX612090	C. CE	0.1uF 50V CH ECUM1H104ZFN
*	C4318	FX611520	C. EL	10uF 16V(RUC) ECA1CAK100X
*	C4318	FX611620	C. EL	47uF 6.3V(AG) ECEA0JPZ470
*	C4319	FX611520	C. EL	10uF 16V ECA1CAK100X
*	C4320	FX612090	C. CE	0.1uF 50V CH ECUM1H104ZFN
*	C4321	FX611530	C. EL	100uF 16V(RUC) ECA1CAK101X
*	C4321	NX701990	C. EL	220uF 10V(AG) ECA1APX221
*	C4323	FX612090	C. CE	0.1uF 50V CH ECUM1H104ZFN
*	C4324	FX612090	C. CE	0.1uF 50V CH ECUM1H104ZFN
*	C4325	FX611530	C. EL	100uF 16V(RUC) ECA1CAK101X
*	C4325	NX701990	C. EL	220uF 10V(AG) ECA1APX221
*	C4326	FX612530	C. POL	100pF 50V ECHR1H101JZ
*	C4327	FX611550	C. EL	47uF 16V ECA1CAK470X
*	C4328	FX612530	C. POL	100pF 50V ECHR1H101JZ
*	C4329	FX611520	C. EL	10uF 16V ECA1CAK100X
*	C4331	FX611550	C. EL	47uF 16V ECA1CAK470X

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	C4332	FX611520	C.EL 10uF 16V	ECA1CAK100X
*	C4333	FX612080	C.CE 0.01uF 50V CH	ECUM1H103ZFN
*	C4334	FX612540	C.POL 1000pF 50V	ECHR1H102JZ
*	C4335	FX612540	C.POL 1000pF 50V	ECHR1H102JZ
*	C4336	NX701990	C.EL 220uF 10V (RUC)	ECA1APX221
*	C4336	NX703890	C.EL 470uF 10V (AG)	ECA1APX471
*	C4337	FX612530	C.POL 100pF 50V	ECHR1H101JZ
*	C4338	FX612530	C.POL 100pF 50V	ECHR1H101JZ
*	C4339	FX612120	C.CE 18pF 50V CH	ECUM1H180JCN
*	C4340	FX612120	C.CE 18pF 50V CH	ECUM1H180JCN
*	C4341	FX612120	C.CE 18pF 50V CH	ECUM1H180JCN
*	C4342	FX612120	C.CE 18pF 50V CH	ECUM1H180JCN
*	C4343	NX701990	C.EL 220uF 10V (RUC)	ECA1APX221
*	C4343	NX703890	C.EL 470uF 10V (AG)	ECA1APX471
*	C4344	FX612080	C.CE 0.01uF 50V CH	ECUM1H103ZFN
*	C4345	NX704170	C.POL 0.022uF 50V (AG)	ECHR1H223JZ
*	C4346	NX704170	C.POL 0.022uF 50V (AG)	ECHR1H223JZ
*	C4347	FX611620	C.EL 47uF 6.3V (RUC)	ECEAOJPZ470
*	C4347	NX703940	C.EL 47uF 6.3V (AG)	VCEAOJAE470
*	C4348	FX611620	C.EL 47uF 6.3V (RUC)	ECEAOJPZ470
*	C4348	NX703940	C.EL 47uF 6.3V (AG)	VCEAOJAE470
*	C4349	FX611550	C.EL 47uF 16V	ECA1CAK470X
*	C4350	FX611510	C.EL 47uF 10V	ECA1ANK470X
*	C4351	FX611550	C.EL 47uF 16V	ECA1CAK470X
*	C4352	FX611550	C.EL 47uF 16V	ECA1CAK470X
*	C4353	FX611550	C.EL 47uF 16V	ECA1CAK470X
*	C4354	FX611550	C.EL 47uF 16V (RUC)	ECA1CAK470X
*	C4354	FX611620	C.EL 47uF 6.3V (AG)	ECEAOJPZ470
*	C4355	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C4357	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C4358	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C4400	FX611590	C.EL 100uF 6.3V	ECEAOJKA101
*	C4401	FX612060	C.CE 1000pF 50V CH	ECUM1H102JCN
*	C4402	FX612060	C.CE 1000pF 50V CH	ECUM1H102JCN
*	C4403	FX612060	C.CE 1000pF 50V CH	ECUM1H102JCN
*	C4404	FX612060	C.CE 1000pF 50V CH	ECUM1H102JCN
*	C4405	FX612060	C.CE 1000pF 50V CH	ECUM1H102JCN
*	C4406	FX612060	C.CE 1000pF 50V CH	ECUM1H102JCN
*	C4407	FX612060	C.CE 1000pF 50V CH	ECUM1H102JCN
*	C4408	FX612060	C.CE 1000pF 50V CH	ECUM1H102JCN
*	C4409	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C4410	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C4411	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C4412	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C4413	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C4414	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C4450	FX611740	C.EL 4.7uF 50V	ECEA1HKA4R7
*	C4451	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C4452	FX611740	C.EL 4.7uF 50V	ECEA1HKA4R7
*	C4453	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C4454	NX702440	C.CE 270pF 50V CH	ECUM1H271JCN
*	C4456	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C4457	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	C4458	FX611590	C.EL 100uF 6.3V	ECEAOJKA101
*	C4491	NX702460	C.CE 82pF 50V CH	ECUM1H820JCN
*	C4492	FX612090	C.CE 0.1uF 50V CH (RUC)	ECUM1H104ZFN
*	C4492	NX702430	C.CE 1000pF 50V CH (AG)	ECUM1H102KBN
*	C4653	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV
*	C5201	FX611870	C.EL 22uF 6.3V	EEVHB0J220
*	C5202	FX612460	C.CE 56pF 50V CH	ECUX1H560JCV
*	C5203	FX611980	C.CE 1uF 10V CH	ECUM1A105KBN
*	C5204	FX611980	C.CE 1uF 10V CH	ECUM1A105KBN
*	C5205	NX702410	C.CE 0.18uF 10V	ECUM1A184KBV
*	C5206	FX611980	C.CE 1uF 10V CH	ECUM1A105KBN
*	C5207	FX611980	C.CE 1uF 10V CH	ECUM1A105KBN
*	C5208	FX612300	C.CE 1000pF 50V CH	ECUX1H102KBV
*	C5209	FX612300	C.CE 1000pF 50V CH	ECUX1H102KBV
*	C5210	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV
*	C5211	FX611880	C.EL 33uF 6.3V	EEVHB0J330
*	C5212	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV
*	C5213	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV
*	C5214	NX702560	C.CE 6800pF 50V CH	ECUX1H682KBV
*	C5215	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV
*	C5216	FX612430	C.CE 330P 50V CH	ECUX1H331JCV
*	C5217	NX702470	C.CE 0.22uF 10V CH	ECUX1A224KBV
*	C5218	FX611980	C.CE 1uF 10V CH	ECUM1A105KBN
*	C5219	FX612390	C.CE 220pF 50V CH	ECUX1H221JCV
*	C5220	FX612390	C.CE 220pF 50V CH	ECUX1H221JCV
*	C5221	FX612210	C.CE 0.1uF 16V CH	ECUX1C104KBV
*	C5222	NX702470	C.CE 0.22uF 10V CH	ECUX1A224KBV
*	C5223	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV
*	C5224	FX611880	C.EL 33uF 6.3V	EEVHB0J330
*	C5225	FX612210	C.CE 0.1uF 16V CH	ECUX1C104KBV
*	C5226	FX612210	C.CE 0.1uF 16V CH	ECUX1C104KBV
*	C5227	FX612210	C.CE 0.1uF 16V CH	ECUX1C104KBV
*	C5228	FX612210	C.CE 0.1uF 16V CH	ECUX1C104KBV
*	C5229	FX611980	C.CE 1uF 10V CH	ECUM1A105KBN
*	C5230	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV
*	C5231	FX611980	C.CE 1uF 10V CH	ECUM1A105KBN
*	C5232	FX611990	C.CE 0.68uF 10V CH	ECUM1A684KBN
*	C5233	FX611990	C.CE 0.68uF 10V CH	ECUM1A684KBN
*	C5234	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV
*	C5235	FX612210	C.CE 0.1uF 16V CH	ECUX1C104KBV
*	C6001	FX611720	C.EL 10uF 50V	ECEA1HKA100
*	C6002	FX612080	C.CE 0.01uF 50V CH	ECUM1H103ZFN
*	C6003	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C6004	FX611600	C.EL 220uF 6.3V	ECEAOJKA221
*	C6005	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C6006	FX611610	C.EL 47uF 6.3V	ECEAOJKA470
*	C6007	FX612090	C.CE 0.1uF 50V CH	ECUM1H104ZFN
*	C6008	FX611610	C.EL 47uF 6.3V	ECEAOJKA470
*	C6201	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV
*	C6202	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV
*	C6203	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV
*	C6204	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV
*	C6205	FX612220	C.CE 0.1uF 16V CH	ECUX1C104ZV

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	C6206	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6207	FX611880	C. EL 33uF 6.3V	EEVHB0J330
*	C6251	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6252	FX611880	C. EL 33uF 6.3V	EEVHB0J330
*	C6253	NX702100	C. EL 100uF 6.3V	EEVHB0J101
*	C6254	FX611790	C. EL 330uF 6.3VCH	ECEV0JA331
*	C6255	FX612330	C. CE 0.01uF 50V CH	ECUX1H103ZFV
*	C6301	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6311	NX702500	C. CE 10pF 50V CH	ECUX1H101JCV
*	C6312	FX612210	C. CE 0.1uF 16V CH	ECUX1C104KBV
*	C6321	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6502	FX611880	C. EL 33uF 6.3V	EEVHB0J330
*	C6503	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6506	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6511	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6514	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6516	FX612210	C. CE 0.1uF 16V CH	ECUX1C104KBV
*	C6519	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6521	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6601	FX612310	C. CE 0.01uF 50V CH	ECUX1H103KBV
*	C6602	NX702510	C. CE 1000pF 50V CH	ECUX1H102JCV
*	C6604	FX612210	C. CE 0.1uF 16V CH	ECUX1C104KBV
*	C6605	NX702480	C. CE 8pF 50V CH	ECUX1H080DCV
*	C6606	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6607	FX611880	C. EL 33uF 6.3V	EEVHB0J330
*	C6608	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6609	NX702510	C. CE 1000pF 50V CH	ECUX1H102JCV
*	C6612	NX702520	C. CE 12pF 50V CH	ECUX1H120JCV
*	C6613	NX702530	C. CE 15pF 50V CH	ECUX1H150JCV
*	C6614	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6615	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6616	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6617	NX702530	C. CE 15pF 50V CH	ECUX1H150JCV
*	C6618	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C6619	FX611980	C. CE 1uF 10V CH	ECUM1A105KBN
*	C7001	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7002	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7003	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7004	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7005	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7006	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7007	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7008	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7009	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7010	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7011	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7012	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7013	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7014	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7015	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7016	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7017	NX702100	C. EL 100uF 6.3V	EEVHB0J101
*	C7018	NX702100	C. EL 100uF 6.3V	EEVHB0J101

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	C7021	FX612300	C. CE 1000pF 50V CH	ECUX1H102KBV
*	C7025	FX611980	C. CE 1uF 10V CH	ECUM1A105KBN
*	C7051	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	C7052	NX702730	C. TNL. CHP 6.8uF 10V	ECST1AY685Z
*	C7053	FX612220	C. CE 0.1uF 16V CH	ECUX1C104ZFV
*	D1001	iX637120	DIODE	S1WBA60S
△	D1002	iX636910	IC	(AGR) ENC471D5A
△	D1002	NX703860	MODUL. RF	ENC221D5ATRB (UC) ENC221D5ATRB
△	D1003	NX703870	MODUL. RF	ENC471D5ATUB (UC) ENC471D5ATUB
*	D1011	iX637340	DIODE	AP01C (AGR) AP01C
*	D1011	NX704060	DIODE	VSD0002 (UC) VSD0002
*	D1021	iX636960	DIODE	AU01Z AU01Z
*	D1031	iX637030	DIODE	MA165VT MA165VT
*	D1032	iX637030	DIODE	MA165VT (UC) MA165VT
*	D1033	NX704020	DIODE	MA178 (U) MA178
*	D1034	iX637030	DIODE	MA165VT MA165VT
*	D1041	iX637380	DIODE	MA700 (AGR) MA700
*	D1042	iX637370	DIODE	MA4200-H (AGR) MA4200H
*	D1101	iX637360	DIODE	MA4051MVT MA4051MVT
*	D1111	NX702700	DIODE	MA7D55 (AGR) MA7D55
*	D1111	NX704040	DIODE	MA7D49 (UC) MA7D49
*	D1121	NX702620	DIODE	11ES1 11ES1
*	D1131	iX634150	DIODE. SHOT	11EQS06 (UC) 11EQS06
*	D1131	NX702610	DIODE	11EQS10 (AGR) 11EQS10
*	D1132	NX702620	DIODE	11ES1 (UC) 11ES1
*	D1135	iX636950	DIODE	AK04 (AGR) AK04
*	D1141	iX634150	DIODE. SHOT	11EQS06 (UC) 11EQS06
*	D1141	NX702610	DIODE	11EQS10 (AGR) 11EQS10
*	D1142	NX704030	DIODE	MA7150B (UC) MA7150B
*	D1151	iX634150	DIODE. SHOT	11EQS06 (UC) 11EQS06
*	D1151	NX702610	DIODE	11EQS10 (AGR) 11EQS10
*	D1152	iX634150	DIODE. SHOT	11EQS06 (UC) 11EQS06
*	D1152	NX702610	DIODE	11EQS10 (AGR) 11EQS10
*	D1161	iX636960	DIODE	AU01Z AU01Z
*	D1162	NX702670	DIODE	MA4030M MA4030M
*	D1171	iX636950	DIODE	AK04 AK04
*	D1172	NX702620	DIODE	11ES1 (UC) 11ES1
*	D1181	NX702620	DIODE	11ES1 (UC) 11ES1
*	D1182	NX702620	DIODE	11ES1 (UC) 11ES1
*	D1183	NX702620	DIODE	11ES1 (UC) 11ES1
*	D1184	NX702620	DIODE	11ES1 (UC) 11ES1
*	D1185	NX702620	DIODE	11ES1 (UC) 11ES1
*	D1186	NX702620	DIODE	11ES1 (UC) 11ES1
*	D1191	iX637030	DIODE	MA165VT (AG) MA165VT
*	D1195	iX637030	DIODE	MA165VT (AG) MA165VT
*	D2001	NX702630	DIODE	MA111 MA111
*	D3001	NX704050	DIODE	MA8030-H MA8030H
*	D3002	NX702630	DIODE	MA111 MA111
*	D3041	NX702630	DIODE	MA111 (AGR) MA111
*	D3501	NX702690	DIODE	MA742 MA742
*	D4301	iX637000	DIODE	MA151WK (AGR) MA151WK
*	D4302	iX637010	DIODE	MA152WA (AGR) MA152WA

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	D4303	iX637010	DIODE	MA152WA (AGR)
*	D4400	NX702660	DIODE	MA3047M
*	D4401	NX702640	DIODE	MA152A
*	D4402	iX637010	DIODE	MA152WA
*	D4403	NX702640	DIODE	MA152A
*	D4404	NX702640	DIODE	MA152A
*	D4674	iX637010	DIODE	MA152WA (AGR)
*	D6002	iX637030	DIODE	MA165VT
*	D6003	iX637030	DIODE	MA165VT
*	D6004	iX637030	DIODE	MA165VT
*	D6005	iX637030	DIODE	MA165VT
*	D6006	iX637030	DIODE	MA165VT
*	D6007	iX637030	DIODE	MA165VT
*	D6191	NX701880	LED	LNJ201LPQJA (AGR)
*	D6311	NX702680	DIODE	MA728
*	D6312	NX702680	DIODE	MA728
*	D6601	NX702650	DIODE	MA304
*	D6602	NX702650	DIODE	MA304
*	DL6001	NX703210	FL. DSPLY	VSL0508
△	DZ1001	NX703990	SURG. PRTCT	2.7KV (UC)
△	F1001	HX609850	FUSE	(AGR)
△	F1001	KX604730	FUSE	(UC)
*	FL3501	NX702950	FLTR	ELB4H079A
*	FL3601	NX702960	FLTR	ELB4K164A
*	FL3660	NX704150	FLTR	ELB4L182A (UC)
*	FL6251	GX609530	FLTR	ELKE103FA
*	FL6252	GX609530	FLTR	ELKE103FA
*	FL6253	GX609530	FLTR	ELKE103FA
*	FL6254	GX609530	FLTR	ELKE103FA
*	FP0001	LX610360	CN	VJS3915B026
*	FP0002	LX610350	CN	VJS3913B035
*	FP0003	LX610340	CN	11P
*	FP0101	LX610260	CN	5P
*	FP1103	LX610220	CN	11P
*	FP2501	NX702360	CN	5P
*	FP4201	NX702340	CN	21P
*	FP4203	NX702350	CN	22P
*	FP4301	NX702310	CN	20P
*	FP4302	NX702310	CN	20P
*	FP4304	NX702320	CN	21P
*	FP4601	LX610450	CN	10P
*	FP4602	LX610250	CN	VJS3537B011G
*	FP5201	LX610330	CN	35P
*	FP6001	NX702300	CN	6P
*	FP6002	LX610240	CN	10P
*	FP6201	NX702370	CN	6P
*	G4301	NX701970	GND. MTL	VJR0978

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	G4302	NX701970	GND. MTL	VJR0978
*	G4303	NX701970	GND. MTL	VJR0978
*	IC1011	iX637320	IC	STRM6559LF (AGR)
*	IC1121	iX636790	IC	PQ3RD13
*	IC1131	NX703670	IC	AN78N09 (UC)
*	IC1135	NX701760	IC	PQ09RD1X (AGR)
*	IC1141	NX703680	IC	AN79N09 (UC)
*	IC1151	NX701760	IC	PQ09RD1X (AGR)
*	IC1151	NX703720	IC	SI-3090FLF (UC)
*	IC1181	NX703730	IC	TA7805SBTP (UC)
*	IC2001	NX701710	IC	MN67702VRZC
*	IC2501	NX701650	IC	BA6849FP
*	IC2511	NX701630	IC	AN8813NSBS
*	IC3001	NX701720	IC	MN67750EXA (AGR)
*	IC3001	NX703710	IC	MN67751WCA (UC)
*	IC3041	NX701770	IC	PQ1R33 (AGR)
*	IC3051	NX701800	IC	T591616AFT12
*	IC3061	NX701660	IC	HM5241605T12 (AGR)
*	IC3201	NX703700	IC	MC44724VFU (UC)
*	IC3251	iX636530	IC	AN78L05M (UC)
*	IC3531	iX636520	IC	AN3581S
*	IC3650	NX703690	IC	BA7660FS (UC)
*	IC4201	NX701750	IC	PCM1716E
*	IC4211	NX701750	IC	PCM1716E
*	IC4221	NX701750	IC	PCM1716E
*	IC4231	NX701740	IC	NJU3711M
*	IC4232	NX701840	IC	TC7W32FU
*	IC4241	iX636880	IC	TC7ST04FU
*	IC4302	iX636760	IC	NJM4580M
*	IC4303	iX636760	IC	NJM4580M
*	IC4304	NX701850	IC	TC9412AFELP
*	IC4305	NX701850	IC	TC9412AFELP
*	IC4306	iX636760	IC	NJM4580M
*	IC4307	iX636760	IC	NJM4580M
*	IC4308	iX636760	IC	NJM4580M
*	IC4309	iX636760	IC	NJM4580M
*	IC4310	iX636760	IC	NJM4580M
*	IC4311	iX636760	IC	NJM4580M
*	IC4312	iX636760	IC	NJM4580M
*	IC4450	NX701830	IC	TC7W04F
*	IC4452	NX701790	IC	TOTX178
*	IC5201	NX701640	IC	AN8825NFHQ-V
*	IC6001	NX701700	IC	MN1872423CA
*	IC6002	iX636780	IC	PNA4601M03VT
*	IC6003	iX636800	IC	PST7023
*	IC6201	NX701680	IC	MN102L25ZN2F
*	IC6301	NX701810	IC	TC58F400FTA
*	IC6311	NX701780	IC	PST596DNR
*	IC6312	NX701870	IC	X25C02ST2
*	IC6503	NX701860	IC	TCVHC157FTEL
*	IC6505	NX701820	IC	TC7SHU04FU
*	IC6507	NX701820	IC	TC7SHU04FU

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	IC6508	NX701820	IC	TC7SHU04FU
*	IC6601	NX701820	IC	TC7SHU04FU
*	IC6602	NX701820	IC	TC7SHU04FU
*	IC6603	NX701820	IC	TC7SHU04FU
*	IC6604	NX701820	IC	TC7SHU04FU
*	IC6607	NX701730	IC	NJM2115V
*	IC7001	NX701690	IC	MN103005AN2G
*	IC7051	NX701670	IC	M4V4265CT7ST
*	J3551	LX610410	JACK. CN	VJJ0561
*	J3650	NX704140	JACK. PIN	3P (UC)
*	J4301	NX702940	JACK. PIN	6P
*	J4302	NX702930	JACK. PIN	4P
*	J4490	NX702920	JACK. PIN	1P
*	J4491	NX702980	CN. FLAT	3P
*	K1191	NX704360	R. CAR	0Ω 1/4W (AG) ERDS2TY0
*	K1195	NX704360	R. CAR	0Ω 1/4W (AG) ERDS2TY0
	K2001	HX609880	R. MTL. CHP	0Ω 1/16W ERJ3GEYOR00
	K2003	HX609880	R. MTL. CHP	0Ω 1/16W ERJ3GEYOR00
	K3021	HX609880	R. MTL. CHP	0Ω 1/16W (UC) ERJ3GEYOR00
	K3022	HX609880	R. MTL. CHP	0Ω 1/16W (UC) ERJ3GEYOR00
	K3024	HX609880	R. MTL. CHP	0Ω 1/16W (AGR) ERJ3GEYOR00
	K3201	HX609880	R. MTL. CHP	0Ω 1/16W (UC) ERJ3GEYOR00
	K4201	HX609880	R. MTL. CHP	0Ω 1/16W ERJ3GEYOR00
	K4202	HX609880	R. MTL. CHP	0Ω 1/16W ERJ3GEYOR00
	K4203	HX609880	R. MTL. CHP	0Ω 1/16W ERJ3GEYOR00
	K4301	HX610350	R. MTL. CHP	0Ω 1/10W ERJ6GEYOR00
	K6311	HX609880	R. MTL. CHP	0Ω 1/16W ERJ3GEYOR00
	K6502	HX609880	R. MTL. CHP	0Ω 1/16W ERJ3GEYOR00
	K6602	HX609880	R. MTL. CHP	0Ω 1/16W ERJ3GEYOR00
	K6604	HX609880	R. MTL. CHP	0Ω 1/16W ERJ3GEYOR00
	K6605	HX609880	R. MTL. CHP	0Ω 1/16W ERJ3GEYOR00
△ *	L1001	NX703060	FLTR	ELF15N005A
△ *	L1002	NX703060	FLTR	ELF15N005A (AGR)
△ *	L1002	NX704210	FLTR	ELF16M070A (UC)
*	L1111	NX702190	COIL	10uH
*	L1112	GX609370	COIL	10uH
*	L1131	NX702210	COIL	33uH
*	L1141	NX702210	COIL	33uH
*	L1151	GX609470	COIL	22uH
*	L2001	GX609480	COIL	10uH
*	L2002	GX609480	COIL	10uH
*	L3251	GX609480	COIL	10uH
*	L3501	GX609500	COIL	22uH
*	L3502	GX609500	COIL	22uH
*	L3531	NX702220	COIL	8. 2uH
*	L3550	GX609500	COIL	22uH
*	L3551	GX609500	COIL	22uH
*	L3680	GX609500	COIL	22uH (UC)
*	L4400	NX702200	COIL	10uH (UC)
*	L4402	NX702200	COIL	10uH (UC)

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	L4403	NX702200	COIL	10uH
*	L4404	GX609370	COIL	10uH
*	L4405	NX702200	COIL	0. 1uH
*	L4450	NX702130	COIL	22uH
*	L4451	GX609500	COIL	10uH
*	L5201	GX609480	COIL	100uH
*	L6001	NX702170	COIL	220uH
*	L6002	NX702180	COIL	10uH
*	L6251	GX609480	COIL	22uH
*	L6501	NX702160	COIL	(AGR)
*	LB1011	GX609420	COIL	VLP0056 (UC)
*	LB1011	NX702140	COIL	(AGR)
*	LB1012	GX609420	COIL	VLP0056 (AGR)
*	LB1014	NX702140	COIL	
*	LB2501	GX609400	COIL	JALBK2HS470T
*	LB2502	GX609400	COIL	JALBK2HS470T
*	LB2503	NX702750	COIL. CHP	VLP0323A601T
*	LB2504	NX702750	COIL. CHP	VLP0323A601T
*	LB3001	GX609450	COIL	VLP0155
*	LB3552	NX702150	COIL	VLP0145
*	LB3553	NX702150	COIL	VLP0145
*	LB3554	NX702150	COIL	VLP0145
*	LB3555	NX702150	COIL	VLP0145
*	LB3681	NX702150	COIL	VLP0145 (UC)
*	LB3682	NX702150	COIL	VLP0145 (UC)
*	LB3683	NX702150	COIL	VLP0145 (UC)
*	LB4241	NX702750	COIL. CHP	VLP0323A601T
*	LB4251	NX702750	COIL. CHP	VLP0323A601T
*	LB4252	NX702750	COIL. CHP	VLP0323A601T
*	LB4253	NX702750	COIL. CHP	VLP0323A601T
*	LB4254	NX702750	COIL. CHP	VLP0323A601T
*	LB4255	NX702750	COIL. CHP	VLP0323A601T
*	LB4256	NX702750	COIL. CHP	VLP0323A601T
*	LB4257	NX702750	COIL. CHP	VLP0323A601T
*	LB4258	NX702750	COIL. CHP	VLP0323A601T
*	LB4259	NX702750	COIL. CHP	VLP0323A601T
*	LB4260	NX702750	COIL. CHP	VLP0323A601T
*	LB4261	NX702750	COIL. CHP	VLP0323A601T
*	LB4262	NX702750	COIL. CHP	VLP0323A601T
*	LB4263	NX702750	COIL. CHP	VLP0323A601T
*	LB4264	NX702750	COIL. CHP	VLP0323A601T
*	LB4265	NX702750	COIL. CHP	VLP0323A601T
*	LB4271	NX702750	COIL. CHP	VLP0323A601T
*	LB4272	NX702750	COIL. CHP	VLP0323A601T
*	LB4273	NX702750	COIL. CHP	VLP0323A601T
*	LB4274	NX702750	COIL. CHP	VLP0323A601T
*	LB4275	NX702750	COIL. CHP	VLP0323A601T
*	LB4276	NX702750	COIL. CHP	VLP0323A601T
*	LB4277	NX702750	COIL. CHP	VLP0323A601T
*	LB4278	NX702750	COIL. CHP	VLP0323A601T
*	LB4279	NX702750	COIL. CHP	VLP0323A601T
*	LB4280	NX702750	COIL. CHP	VLP0323A601T
*	LB4281	NX702750	COIL. CHP	VLP0323A601T

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	LB4282	NX702750	COIL. CHP	VLP0323A601T
*	LB4283	NX702750	COIL. CHP	VLP0323A601T
*	LB4284	NX702750	COIL. CHP	VLP0323A601T
*	LB4285	NX702750	COIL. CHP	VLP0323A601T
*	LB4286	NX702750	COIL. CHP	VLP0323A601T
*	LB4287	NX702750	COIL. CHP	VLP0323A601T
*	LB4288	NX702750	COIL. CHP	VLP0323A601T
*	LB4301	NX702150	COIL	VLP0145
*	LB4302	NX702150	COIL	VLP0145
*	LB4303	NX702150	COIL	VLP0145
*	LB4304	NX702150	COIL	VLP0145
*	LB4305	NX702150	COIL	VLP0145
*	LB4306	NX702150	COIL	VLP0145
*	LB4307	NX702150	COIL	VLP0145
*	LB4308	NX702150	COIL	VLP0145
*	LB4490	NX702740	BEAD. CHP	VLF1148A121
*	LB4491	NX702740	BEAD. CHP	VLF1148A121
*	LB6201	GX609430	COIL	VLP0140
*	LB6202	GX609430	COIL	VLP0140
*	LB6203	GX609430	COIL	VLP0140
*	LB6204	GX609430	COIL	VLP0140
*	LB6213	GX609450	COIL	VLP0155
*	LB6505	GX609450	COIL	VLP0155
*	LB6506	NX702750	COIL. CHP	VLP0323A601T
*	LB6511	NX702750	COIL. CHP	VLP0323A601T
*	LB6513	GX609450	COIL	VLP0155
*	LB6514	GX609430	COIL	(UC) VLP0140
*	LB6514	GX609450	COIL	(AGR) VLP0155
*	LB6515	GX609450	COIL	VLP0155
*	LB6516	NX702750	COIL. CHP	VLP0323A601T
*	LB6518	GX609450	COIL	VLP0155
*	LB6519	NX702750	COIL. CHP	VLP0323A601T
*	LB6520	GX609450	COIL	VLP0155
*	LB6601	NX702750	COIL. CHP	VLP0323A601T
*	LB6602	GX609450	COIL	VLP0155
*	LB6603	NX702750	COIL. CHP	VLP0323A601T
*	LB6604	NX702750	COIL. CHP	VLP0323A601T
*	LB6606	NX702750	COIL. CHP	VLP0323A601T
*	LB6607	GX609450	COIL	VLP0155
*	LB6608	NX702750	COIL. CHP	VLP0323A601T
*	LB6609	GX609450	COIL	VLP0155
*	LB7001	GX609450	COIL	VLP0155
*	LB7002	GX609450	COIL	VLP0155
*	P0004	LX610150	CN	2P VJP3125B002
*	P0005	LX610150	CN	2P VJP3125B002
△	P1001	LX610210	CN	(AGR) VJS3166
△	P1001	LX610440	CN. INLET	(UC) VJS2986
*	P1101	NX702240	CN	8P VJP3233A008
*	P1102	NX702260	CN	16P VJP3917A016G
*	P4251	NX702250	CN	5P VJP3904A005
*	P4301	NX702330	CN	22P VJS3623A022W
*	P4302	NX702380	CN	16P VJS3917A016W

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	P4303	NX702230	CN	20P (AGR) VJP3042G020W
*	P4450	LX610140	CN	5P VJP1232T
*	P4451	NX702280	CN	3P VJS2650A003Z
*	P6251	NX702270	CN	8P VJP4027C008
△	PR1121	KX604710	FUSE	(AGR) VSF0015A10
△	PR1141	KX604710	FUSE	(AGR) VSF0015A10
△	PR1171	KX604710	FUSE	VSF0015A10
*	PS7001	NX702290	CN	8P VJS2961A008
△	Q1011	NX704080	TR	2SC4662LF654 2SC4662LF654
△	Q1031	iX637410	TR	PS2561L1V1M (AGR) PS2561L1V1M
△	Q1031	NX704120	TR	PC817A (UC) PC817A
*	Q1032	NX704090	TR	2SD1996-S (UC) 2SD1996S
*	Q1041	NX704090	TR	2SD1996-S (UC) 2SD1996S
*	Q1042	NX704070	TR	2SC3311A-S (UC) 2SC3311AS
*	Q1043	NX704070	TR	2SC3311A-S (UC) 2SC3311AS
△	Q1051	NX704130	TR	PC817AB (UC) PC817AB
*	Q1052	NX704070	TR	2SC3311A-S (UC) 2SC3311AS
*	Q1053	NX704070	TR	2SC3311A-S (UC) 2SC3311AS
*	Q1101	iX637250	TR	2SD1991AR 2SD1991AR
*	Q1102	iX637250	TR	2SD1991AR 2SD1991AR
*	Q1111	NX702880	TR	2SJ525 (AGR) 2SJ525
*	Q1145	NX702840	TR	2SB1321AR (AGR) 2SB1321AR
*	Q1146	iX637210	TR	2SB1320AR (AGR) 2SB1320AR
*	Q1191	NX704110	TR	2SK170V (AG) 2SK170V
*	Q1195	NX704100	TR	2SJ74V (AG) 2SJ74V
*	Q3001	NX702830	TR	2SB1218A-R 2SB1218AR
*	Q3002	NX702830	TR	2SB1218A-R 2SB1218AR
*	Q3201	NX702830	TR	2SB1218A-R (UC) 2SB1218AR
*	Q3203	NX702830	TR	2SB1218A-R (UC) 2SB1218AR
*	Q3501	NX702820	TR	2SA1022-B 2SA1022B
*	Q3503	NX702860	TR	2SC2404-D 2SC2404D
*	Q3504	NX702850	TR	2SC2295-B 2SC2295B
*	Q3530	NX702850	TR	2SC2295-B 2SC2295B
*	Q3531	NX702820	TR	2SA1022-B 2SA1022B
*	Q3534	NX702820	TR	2SA1022-B 2SA1022B
*	Q3601	iX637270	TR	2SD601A 2SD601A
*	Q3660	iX637270	TR	2SD601A (UC) 2SD601A
*	Q3670	iX637270	TR	2SD601A (UC) 2SD601A
*	Q4303	NX702870	TR	2SD1328-R (AGR) 2SD1328R
*	Q4304	NX702870	TR	2SD1328-R (AGR) 2SD1328R
*	Q4305	NX702870	TR	2SD1328-R (AGR) 2SD1328R
*	Q4306	NX702870	TR	2SD1328-R (AGR) 2SD1328R
*	Q4307	iX637270	TR	2SD601A 2SD601A
*	Q4308	iX637270	TR	2SD601A 2SD601A
*	Q4309	iX637270	TR	2SD601A 2SD601A
*	Q4310	iX637270	TR	2SD601A 2SD601A
*	Q4405	NX702870	TR	2SD1328-R 2SD1328R
*	Q4406	NX702870	TR	2SD1328-R 2SD1328R
*	Q4407	NX702870	TR	2SD1328-R 2SD1328R
*	Q4408	NX702870	TR	2SD1328-R 2SD1328R
*	Q4409	NX702870	TR	2SD1328-R 2SD1328R

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
	* Q4410	NX702870	TR 2SD1328-R	2SD1328R
	* Q4411	NX702870	TR 2SD1328-R	2SD1328R
	* Q4412	NX702870	TR 2SD1328-R	2SD1328R
	* Q4679	NX702870	TR 2SD1328-R (AGR)	2SD1328R
	* Q4680	NX702870	TR 2SD1328-R (AGR)	2SD1328R
	* Q5201	iX637190	TR 2SB1115T	2SB1115T
	* QR1111	NX702790	TR. DGT UN4213 (AGR)	UN4213
	* QR1181	NX702790	TR. DGT UN4213 (UC)	UN4213
	* QR3501	NX702780	TR. DGT UN2211	UN2211
	* QR3531	NX702780	TR. DGT UN2211	UN2211
	* QR3532	NX702780	TR. DGT UN2211	UN2211
	* QR4400	NX702780	TR. DGT UN2211	UN2211
	* QR4401	NX702770	TR. DGT UN2115	UN2115
	* QR4402	NX702780	TR. DGT UN2211	UN2211
	* QR4403	iX637130	TR. DGT UN2111	UN2111
	* QR4404	iX637130	TR. DGT UN2111	UN2111
	* QR4673	iX635550	TR. DGT UN2212 (AGR)	UN2212
	* QR4674	iX637130	TR. DGT UN2111 (AGR)	UN2111
	* QR6001	iX635550	TR. DGT UN2212	UN2212
	* QR6002	NX702890	TR DTA123JK (AGR)	DTA123JK
	* QR6311	iX637160	TR. DGT UN5212	UN5212
△ *	R1001	NX704320	R 6.8MΩ 1/2W (UC)	ERC12UGK685
△ *	R1002	NX703220	R. CAR 330KΩ 1/2W (AGR)	ERC12AGM334
	R1011	HV458330	R. CAR. FP 330KΩ 1/4W (UC)	ERDS2FJ334
	* R1011	NX703620	R. MTL. FLM 68KΩ 1W (AGR)	ERG1SJ683
	R1012	HV458120	R. CAR. FR 120KΩ 1/4W (UC)	ERDS2FJ124
	* R1012	NX703630	R. MTL. FLM 0.82Ω 1W (AGR)	ERX1SJR82
	R1013	HV455470	R. CAR. FP 470Ω 1/4W (AGR)	ERDS2FJ471
	R1013	HV458120	R. CAR. FR 120KΩ 1/4W (UC)	ERDS2FJ124
	R1014	HV455470	R. CAR. FP 470Ω 1/4W (AGR)	ERDS2FJ471
	R1021	HV458220	R. CAR. FP 220KΩ 1/4W (AGR)	ERDS2FJ224
	* R1021	NX704350	R. MTL. FLM 56Ω 1/2W (UC)	ERG2SJ560
	R1022	HV455470	R. CAR. FP 470Ω 1/4W (UC)	ERDS2FJ471
	R1022	HV458220	R. CAR. FP 220KΩ 1/4W (AGR)	ERDS2FJ224
	R1023	HV455470	R. CAR. FP 470Ω 1/4W (UC)	ERDS2FJ471
	* R1023	NX703610	R. MTL. FLM 10Ω 1/2W (AGR)	ERG12SJ100
	R1031	HV455390	R. CAR. FR 390Ω 1/4W (UC)	ERDS2FJ391
	R1031	HV456180	R. CAR. FP 1.8KΩ 1/4W (AGR)	ERDS2FJ182
	R1032	HV454330	R. CAR. FP 33Ω 1/4W (UC)	ERDS2FJ330
	R1033	HV456820	R. CAR. FP 8.2KΩ 1/4W (UC)	ERDS2FJ822
	R1041	HV456150	R. CAR. FP 1.5KΩ 1/4W (AGR)	ERDS2FJ152
	R1041	HV456330	R. CAR. FP 3.3KΩ 1/4W (UC)	ERDS2FJ332
	R1042	HV455100	R. CAR. FP 100Ω 1/4W (AGR)	ERDS2FJ101
	R1042	HV458100	R. CAR. FR 100KΩ 1/4W (UC)	ERDS2FJ104
	R1043	HV457820	R. CAR. FR 82KΩ 1/4W (UC)	ERDS2FJ823
	R1043	HV458220	R. CAR. FP 220KΩ 1/4W (AGR)	ERDS2FJ224
	R1044	HV457100	R. CAR. FP 10KΩ 1/4W (AGR)	ERDS2FJ103
	R1044	HV457330	R. CAR. FR 33KΩ 1/4W (UC)	ERDS2FJ333
	R1045	HV457100	R. CAR. FP 10KΩ 1/4W (UC)	ERDS2FJ103
	* R1045	NX703640	R. CAR. FP 3.9MΩ 1/2W (AGR)	ERDS1TJ395
	* R1046	NX703650	R. CAR. FR 4.7MΩ 1/2W (AGR)	ERDS1TJ475
	R1051	HV458390	R. CAR. FR 390KΩ 1/4W (UC)	ERDS2FJ394

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
	R1052	HV457100	R. CAR. FP 10KΩ 1/4W (UC)	ERDS2FJ103
	R1053	HV457100	R. CAR. FP 10KΩ 1/4W (UC)	ERDS2FJ103
	R1054	HV458390	R. CAR. FR 390KΩ 1/4W (UC)	ERDS2FJ394
	R1055	HV457330	R. CAR. FR 33KΩ 1/4W (UC)	ERDS2FJ333
	R1056	HV457560	R. CAR. FR 56KΩ 1/4W (UC)	ERDS2FJ563
	R1057	HV457100	R. CAR. FP 10KΩ 1/4W (UC)	ERDS2FJ103
	R1058	HV458430	R. CAR. FR 430KΩ 1/4W (UC)	ERDS2FJ434
	R1059	HV458430	R. CAR. FR 430KΩ 1/4W (UC)	ERDS2FJ434
	R1101	HV455100	R. CAR. FP 100Ω 1/4W	ERDS2TJ101
	R1103	HV455330	R. CAR. FP 330Ω 1/4W	ERDS2TJ331
	R1104	HV455390	R. CAR. FP 390Ω 1/4W	ERDS2TJ391
	R1105	HV455150	R. CAR. FP 150Ω 1/4W	ERDS2TJ151
	R1106	HV455100	R. CAR. FP 100Ω 1/4W	ERDS2TJ101
	R1107	HV455220	R. CAR. FP 220Ω 1/4W (AGR)	ERDS2TJ221
	R1107	HV455820	R. CAR. FP 820Ω 1/4W (UC)	ERDS2TJ821
	R1108	HV455240	R. CAR. FP 240Ω 1/4W (AGR)	ERDS2TJ241
	R1108	HV455470	R. CAR. FP 470Ω 1/4W (UC)	ERDS2TJ471
	R1111	HV457100	R. CAR. FP 10KΩ 1/4W (AGR)	ERDS2TJ103
	R1112	HV459100	R. CAR. FP 1MΩ 1/4W (AGR)	ERDS2TJ105
	R1122	HV457470	R. CAR. FP 47KΩ 1/4W (UC)	ERDS2TJ473
	R1135	HU576820	R. MTL. FLM 8.2KΩ 1/4W (AGR)	EROS2CHF8201
	R1136	HU576150	R. MTL. FLM 1.5KΩ 1/4W (AGR)	EROS2CHF1501
	R1145	HU576820	R. MTL. FLM 8.2KΩ 1/4W (AGR)	EROS2CHF8201
	R1146	HV455330	R. CAR. FP 330Ω 1/4W (AGR)	ERDS2TJ331
	R1161	HV458100	R. CAR. FP 100KΩ 1/4W	ERDS2TJ104
	R1181	HV455100	R. CAR. FP 100Ω 1/4W	ERDS2TJ101
	R1182	HV456100	R. CAR. FP 1KΩ 1/4W (UC)	ERDS2TJ102
	R1191	HV455560	R. CAR. FP 560Ω 1/4W (AG)	ERDS2TJ561
	R1193	HV459100	R. CAR. FP 1MΩ 1/4W (AG)	ERDS2TJ105
	R1195	HV455560	R. CAR. FP 560Ω 1/4W (AG)	ERDS2TJ561
	R1197	HV459100	R. CAR. FP 1MΩ 1/4W (AG)	ERDS2TJ105
	R2002	HX610120	R. MTL. CHP 22KΩ 1/16W	ERJ3GEVJ223
	R2003	HX610010	R. MTL. CHP 10KΩ 1/16W	ERJ3GEVJ103
	* R2004	NX703310	R. MTL. CHP 2KΩ 1/16W	ERJ3GEVJ202
	R2005	HX609990	R. MTL. CHP 100Ω 1/16W	ERJ3GEVJ101
	R2006	HX610160	R. MTL. CHP 27KΩ 1/16W	ERJ3GEVJ273
	* R2007	NX703290	R. MTL. CHP 8.2KΩ 1/16W	ERJ3GEVJ822
	R2008	HX610160	R. MTL. CHP 27KΩ 1/16W	ERJ3GEVJ273
	R2009	HX610080	R. MTL. CHP 18KΩ 1/16W	ERJ3GEVJ183
	* R2010	NX703340	R. MTL. CHP 33KΩ 1/16W	ERJ3GEVJ333
	R2011	HX610160	R. MTL. CHP 27KΩ 1/16W	ERJ3GEVJ273
	R2012	HX609960	R. MTL. CHP 6.8KΩ 1/16W	ERJ3GEVJ682
	R2013	HX609960	R. MTL. CHP 6.8KΩ 1/16W	ERJ3GEVJ682
	R2014	HX609960	R. MTL. CHP 6.8KΩ 1/16W	ERJ3GEVJ682
	R2015	HX610220	R. MTL. CHP 5.6KΩ 1/16W	ERJ3GEVJ562
	R2016	HX610220	R. MTL. CHP 5.6KΩ 1/16W	ERJ3GEVJ562
	R2018	HX610220	R. MTL. CHP 5.6KΩ 1/16W	ERJ3GEVJ562
	R2019	HX610220	R. MTL. CHP 5.6KΩ 1/16W	ERJ3GEVJ562
	R2020	HX610220	R. MTL. CHP 5.6KΩ 1/16W	ERJ3GEVJ562
	R2021	HX610220	R. MTL. CHP 5.6KΩ 1/16W	ERJ3GEVJ562
	R2022	HX610220	R. MTL. CHP 5.6KΩ 1/16W	ERJ3GEVJ562
	R2023	HX610220	R. MTL. CHP 5.6KΩ 1/16W	ERJ3GEVJ562
	R2027	HX610220	R. MTL. CHP 5.6KΩ 1/16W	ERJ3GEVJ562

* New Parts

Schm Ref.	PART NO.	Description	Remarks
R2028	HX610030	R. MTL. CHP 1.2K Ω 1/16W	ERJ3GEYJ122
* R2029	NX703250	R. MTL. CHP 5.1K Ω 1/16W	ERJ3GEYF512
R2501	HX610140	R. MTL. CHP 270 Ω 1/16W	ERJ3GEYJ271
* R2502	NX703420	R. MTL. CHP 10K Ω 1/16W	ERJ3RBD103
* R2503	NX703420	R. MTL. CHP 10K Ω 1/16W	ERJ3RBD103
* R2504	NX703430	R. MTL. CHP 22K Ω 1/16W	ERJ3RBD223
* R2505	NX703430	R. MTL. CHP 22K Ω 1/16W	ERJ3RBD223
R2506	HX610140	R. MTL. CHP 270 Ω 1/16W	ERJ3GEYJ271
* R2507	NX703240	R. MTL. CHP 0.39 Ω 1/4W	ERJ14YKR39
R2511	HX609960	R. MTL. CHP 6.8K Ω 1/16W	ERJ3GEYG682
R2512	HX609960	R. MTL. CHP 6.8K Ω 1/16W	ERJ3GEYG682
R2513	HX609960	R. MTL. CHP 6.8K Ω 1/16W	ERJ3GEYG682
* R2514	NX703380	R. MTL. CHP 56K Ω 1/16W	ERJ3GEYJ563
R2515	HX610290	R. MTL. CHP 12K Ω 1/16W	ERJ3RBD123
R2516	HX610320	R. MTL. CHP 47K Ω 1/16W	ERJ3RBD473
R2517	HX610320	R. MTL. CHP 47K Ω 1/16W	ERJ3RBD473
R2518	HX610290	R. MTL. CHP 12K Ω 1/16W	ERJ3RBD123
R3001	HX610090	R. MTL. CHP 22 Ω 1/16W	ERJ3GEYJ220
R3002	HX609880	R. MTL. CHP 0 Ω 1/16W	ERJ3GEYOR00
* R3003	NX703350	R. MTL. CHP 3.9K Ω 1/16W	ERJ3GEYJ392
R3005	HX610010	R. MTL. CHP 10K Ω 1/16W	ERJ3GEYJ103
R3007	HX610190	R. MTL. CHP 47K Ω 1/16W	ERJ3GEYJ473
R3009	HX610190	R. MTL. CHP 47K Ω 1/16W	ERJ3GEYJ473
R3021	HX610190	R. MTL. CHP 47K Ω 1/16W	ERJ3GEYJ473
R3022	HX609900	R. MTL. CHP 1.5K Ω 1/16W	ERJ3GEYG152
* R3023	NX703400	R. MTL. CHP 820 Ω 1/16W	ERJ3GEYJ821
R3026	HX609990	R. MTL. CHP 100 Ω 1/16W(AGR)	ERJ3GEYJ101
R3027	HX609890	R. MTL. CHP 1K Ω 1/16W(AGR)	ERJ3GEYG102
R3028	HX609890	R. MTL. CHP 1K Ω 1/16W	ERJ3GEYG102
R3029	HX610030	R. MTL. CHP 1.2K Ω 1/16W(AGR)	ERJ3GEYJ122
R3030	HX609890	R. MTL. CHP 1K Ω 1/16W	ERJ3GEYG102
R3031	HX610170	R. MTL. CHP 330 Ω 1/16W(AGR)	ERJ3GEYJ331
R3033	HX609890	R. MTL. CHP 1K Ω 1/16W	ERJ3GEYG102
R3034	HX609890	R. MTL. CHP 1K Ω 1/16W	ERJ3GEYG102
* R3035	NX703330	R. MTL. FLM 33 Ω 1/16W(AGR)	ERJ3GEYJ330
* R3036	NX703330	R. MTL. FLM 33 Ω 1/16W(UC)	ERJ3GEYJ330
* R3037	NX703330	R. MTL. FLM 33 Ω 1/16W	ERJ3GEYJ330
* R3201	NX704330	R. MTL. FLM 100 Ω 1/16W(UC)	ERJ3GEYF101
R3202	HX609890	R. MTL. CHP 1K Ω 1/16W(UC)	ERJ3GEYG102
R3203	HX609990	R. MTL. CHP 100 Ω 1/16W(UC)	ERJ3GEYJ101
* R3221	NX704330	R. MTL. FLM 100 Ω 1/16W(UC)	ERJ3GEYF101
R3222	HX609890	R. MTL. CHP 1K Ω 1/16W(UC)	ERJ3GEYG102
R3223	HX609990	R. MTL. CHP 100 Ω 1/16W(UC)	ERJ3GEYJ101
R3224	HX609990	R. MTL. CHP 100 Ω 1/16W(UC)	ERJ3GEYJ101
R3225	HX609990	R. MTL. CHP 100 Ω 1/16W(UC)	ERJ3GEYJ101
* R3230	NX703300	R. MTL. CHP 1M Ω 1/16W	ERJ3GEYJ105
R3231	HX609890	R. MTL. CHP 1K Ω 1/16W(UC)	ERJ3GEYG102
R3232	HX610170	R. MTL. CHP 330 Ω 1/16W(UC)	ERJ3GEYJ331
R3233	HX609930	R. MTL. CHP 3.3K Ω 1/16W(UC)	ERJ3GEYG332
R3234	HX610170	R. MTL. CHP 330 Ω 1/16W	ERJ3GEYJ331
R3235	HX609930	R. MTL. CHP 3.3K Ω 1/16W(UC)	ERJ3GEYG332
R3236	HX609890	R. MTL. CHP 1K Ω 1/16W(UC)	ERJ3GEYG102
* R3237	NX703300	R. MTL. CHP 1M Ω 1/16W(UC)	ERJ3GEYJ105

* New Parts

Schm Ref.	PART NO.	Description	Remarks
* R3238	NX704330	R. MTL. FLM 100 Ω 1/16W(UC)	ERJ3GEYF101
R3239	HX609990	R. MTL. CHP 100 Ω 1/16W(AGR)	ERJ3GEYJ101
R3239	HX610090	R. MTL. CHP 22 Ω 1/16W(UC)	ERJ3GEYJ220
R3240	HX609990	R. MTL. CHP 100 Ω 1/16W(UC)	ERJ3GEYJ101
R3240	HX610140	R. MTL. CHP 270 Ω 1/16W(AGR)	ERJ3GEYJ271
R3243	HX610170	R. MTL. CHP 330 Ω 1/16W(UC)	ERJ3GEYJ331
R3501	HX610390	R. MTL. CHP 560 Ω 1/10W	ERJ6GEYF561
R3502	HX610410	R. MTL. CHP 100 Ω 1/10W	ERJ6GEYG101
R3503	HX610420	R. MTL. CHP 1K Ω 1/10W	ERJ6GEYG102
R3504	HX610590	R. MTL. CHP 470 Ω 1/10W	ERJ6GEYG471
* R3507	NX703440	R. MTL. CHP 11K Ω 1/10W	ERJ6ENF1102
* R3508	NX703460	R. MTL. CHP 8.2K Ω 1/10W	ERJ6ENF8201
R3509	HX610420	R. MTL. CHP 1K Ω 1/10W	ERJ6GEYG102
* R3510	NX703570	R. MTL. CHP 470 Ω 1/10W	ERJ6GEYJ471
R3511	HX610430	R. MTL. CHP 10K Ω 1/10W	ERJ6GEYG103
* R3514	NX703490	R. MTL. CHP 22 Ω 1/10W	ERJ6GEYG220
R3515	HX610500	R. MTL. CHP 2.2K Ω 1/10W	ERJ6GEYG222
* R3516	NX703510	R. MTL. CHP 3.9K Ω 1/10W	ERJ6GEYG392
R3517	HX610530	R. MTL. CHP 270 Ω 1/10W	ERJ6GEYG271
R3532	HX610430	R. MTL. CHP 10K Ω 1/10W	ERJ6GEYG103
R3533	HX610430	R. MTL. CHP 10K Ω 1/10W	ERJ6GEYG103
* R3534	NX703570	R. MTL. CHP 470 Ω 1/10W	ERJ6GEYJ471
* R3535	NX703570	R. MTL. CHP 470 Ω 1/10W	ERJ6GEYJ471
R3537	HX610410	R. MTL. CHP 100 Ω 1/10W	ERJ6GEYG101
R3538	HX610490	R. MTL. CHP 220 Ω 1/10W	ERJ6GEYG221
* R3539	NX703560	R. MTL. CHP 240 Ω 1/10W	ERJ6GEYJ241
R3540	HX610610	R. MTL. CHP 820 Ω 1/10W	ERJ6GEYG821
R3542	HX610420	R. MTL. CHP 1K Ω 1/10W	ERJ6GEYG102
R3543	HX610560	R. MTL. CHP 330 Ω 1/10W	ERJ6GEYG331
R3554	HX610420	R. MTL. CHP 1K Ω 1/10W	ERJ6GEYG102
R3555	HX610420	R. MTL. CHP 1K Ω 1/10W	ERJ6GEYG102
R3556	HX610420	R. MTL. CHP 1K Ω 1/10W	ERJ6GEYG102
R3557	HX610590	R. MTL. CHP 470 Ω 1/10W	ERJ6GEYG471
R3558	HX610340	R. MTL. CHP 75 Ω 1/10W	ERJ6ENF75R0
R3559	HX610340	R. MTL. CHP 75 Ω 1/10W	ERJ6ENF75R0
R3560	HX610430	R. MTL. CHP 10K Ω 1/10W	ERJ6GEYG103
R3562	HX610430	R. MTL. CHP 10K Ω 1/10W(UC)	ERJ6GEYG103
* R3563	NX703450	R. MTL. CHP 71.5 Ω 1/10W	ERJ6ENF71R5
* R3564	NX703450	R. MTL. CHP 71.5 Ω 1/10W	ERJ6ENF71R5
R3601	HX610390	R. MTL. CHP 560 Ω 1/10W	ERJ6GEYF561
* R3602	NX703500	R. MTL. CHP 3K Ω 1/10W	ERJ6GEYG302
R3604	HX610470	R. MTL. CHP 18K Ω 1/10W	ERJ6GEYG183
R3605	HX610470	R. MTL. CHP 18K Ω 1/10W	ERJ6GEYG183
* R3606	NX703480	R. MTL. CHP 1.5K Ω 1/10W	ERJ6GEYG152
R3660	HX610390	R. MTL. CHP 560 Ω 1/10W(UC)	ERJ6GEYF561
R3661	HX610430	R. MTL. CHP 10K Ω 1/10W(UC)	ERJ6GEYG103
R3662	HX610410	R. MTL. CHP 100 Ω 1/10W(UC)	ERJ6GEYG101
* R3663	NX704340	R. MTL. CHP 12K Ω 1/10W(UC)	ERJ6GEYF123
R3664	HX610560	R. MTL. CHP 330 Ω 1/10W(UC)	ERJ6GEYG331
R3670	HX610390	R. MTL. CHP 560 Ω 1/10W(UC)	ERJ6GEYF561
R3671	HX610430	R. MTL. CHP 10K Ω 1/10W(UC)	ERJ6GEYG103
R3672	HX610410	R. MTL. CHP 100 Ω 1/10W(UC)	ERJ6GEYG101
* R3673	NX704340	R. MTL. CHP 12K Ω 1/10W(UC)	ERJ6GEYF123

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
R3674		HX610560	R. MTL. CHP 330Ω 1/10W(UC)	ERJ6GEYG331
R3681		HX610340	R. MTL. CHP 75Ω 1/10W(UC)	ERJ6ENF75R0
R3682		HX610340	R. MTL. CHP 75Ω 1/10W(UC)	ERJ6ENF75R0
R3683		HX610340	R. MTL. CHP 75Ω 1/10W(UC)	ERJ6ENF75R0
R4241		HX610050	R. MTL. CHP 150Ω 1/16W	ERJ3GEYJ151
R4302		HX610410	R. MTL. CHP 100Ω 1/10W	ERJ6GEYG101
R4303		HX610410	R. MTL. CHP 100Ω 1/10W	ERJ6GEYG101
R4304		HX610410	R. MTL. CHP 100Ω 1/10W	ERJ6GEYG101
R4305		HX610410	R. MTL. CHP 100Ω 1/10W	ERJ6GEYG101
R4306		HX610610	R. MTL. CHP 820Ω 1/10W(AGR)	ERJ6GEYG821
R4307		HX610610	R. MTL. CHP 820Ω 1/10W(AGR)	ERJ6GEYG821
R4308		HX610610	R. MTL. CHP 820Ω 1/10W(AGR)	ERJ6GEYG821
R4309		HX610610	R. MTL. CHP 820Ω 1/10W(AGR)	ERJ6GEYG821
R4310		HX610410	R. MTL. CHP 100Ω 1/10W	ERJ6GEYG101
R4311		HX610410	R. MTL. CHP 100Ω 1/10W	ERJ6GEYG101
R4312		HX610440	R. MTL. CHP 100KΩ 1/10W	ERJ6GEYG104
R4313		HX610440	R. MTL. CHP 100KΩ 1/10W	ERJ6GEYG104
R4314		HX610440	R. MTL. CHP 100KΩ 1/10W	ERJ6GEYG104
R4315		HX610440	R. MTL. CHP 100KΩ 1/10W	ERJ6GEYG104
* R4316		NX703540	R. MTL. CHP 7.5KΩ 1/10W	ERJ6GEYG752
* R4317		NX703540	R. MTL. CHP 7.5KΩ 1/10W	ERJ6GEYG752
* R4318		NX703540	R. MTL. CHP 7.5KΩ 1/10W	ERJ6GEYG752
* R4319		NX703540	R. MTL. CHP 7.5KΩ 1/10W	ERJ6GEYG752
* R4320		NX703540	R. MTL. CHP 7.5KΩ 1/10W	ERJ6GEYG752
* R4321		NX703540	R. MTL. CHP 7.5KΩ 1/10W	ERJ6GEYG752
* R4322		NX703540	R. MTL. CHP 7.5KΩ 1/10W	ERJ6GEYG752
R4323		HX610430	R. MTL. CHP 10KΩ 1/10W	ERJ6GEYG103
* R4324		NX703540	R. MTL. CHP 7.5KΩ 1/10W	ERJ6GEYG752
R4325		HX610430	R. MTL. CHP 10KΩ 1/10W	ERJ6GEYG103
R4326		HX610430	R. MTL. CHP 10KΩ 1/10W	ERJ6GEYG103
R4327		HX610430	R. MTL. CHP 10KΩ 1/10W	ERJ6GEYG103
R4328		HX610500	R. MTL. CHP 2.2KΩ 1/10W	ERJ6GEYG222
R4329		HX610500	R. MTL. CHP 2.2KΩ 1/10W	ERJ6GEYG222
R4330		HX610630	R. MTL. CHP 10KΩ 1/10W	ERJ6RBD103
R4331		HX610630	R. MTL. CHP 10KΩ 1/10W	ERJ6RBD103
R4332		HX610640	R. MTL. CHP 20KΩ 1/10W	ERJ6RBD203
R4333		HX610640	R. MTL. CHP 20KΩ 1/10W	ERJ6RBD203
R4334		HX610500	R. MTL. CHP 2.2KΩ 1/10W	ERJ6GEYG222
R4335		HX610500	R. MTL. CHP 2.2KΩ 1/10W	ERJ6GEYG222
R4336		HX809130	R. MTL. CHP 7.5KΩ 1/10W	ERJ6RBD752
R4337		HX809130	R. MTL. CHP 7.5KΩ 1/10W	ERJ6RBD752
R4338		HX809130	R. MTL. CHP 7.5KΩ 1/10W	ERJ6RBD752
R4339		HX809130	R. MTL. CHP 7.5KΩ 1/10W	ERJ6RBD752
R4340		HX610630	R. MTL. CHP 10KΩ 1/10W	ERJ6RBD103
R4341		HX610630	R. MTL. CHP 10KΩ 1/10W	ERJ6RBD103
* R4342		NX703590	R. MTL. CHP 27KΩ 1/10W	ERJ6RBD273
* R4343		NX703590	R. MTL. CHP 27KΩ 1/10W	ERJ6RBD273
* R4344		NX703590	R. MTL. CHP 27KΩ 1/10W	ERJ6RBD273
* R4345		NX703590	R. MTL. CHP 27KΩ 1/10W	ERJ6RBD273
R4346		HX610620	R. MTL. CHP 100Ω 1/10W	ERJ6RBD101
R4347		HX610620	R. MTL. CHP 100Ω 1/10W	ERJ6RBD101
* R4348		NX703580	R. MTL. CHP 100KΩ 1/10W	ERJ6RBD104
* R4349		NX703580	R. MTL. CHP 100KΩ 1/10W	ERJ6RBD104

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
R4350		HX610630	R. MTL. CHP 10KΩ 1/10W	ERJ6RBD103
R4351		HX610630	R. MTL. CHP 10KΩ 1/10W	ERJ6RBD103
* R4352		NX703600	R. MTL. CHP 180KΩ 1/10W	ERJ6RED184
* R4353		NX703580	R. MTL. CHP 100KΩ 1/10W	ERJ6RBD104
R4354		HX610650	R. MTL. CHP 330Ω 1/10W	ERJ6RBD331
R4355		HX610660	R. MTL. CHP 33KΩ 1/10W	ERJ6RBD333
R4356		HX610650	R. MTL. CHP 330Ω 1/10W	ERJ6RBD331
R4357		HX610660	R. MTL. CHP 33KΩ 1/10W	ERJ6RBD333
* R4358		NX703510	R. MTL. CHP 3.9KΩ 1/10W	ERJ6GEYG392
* R4359		NX703510	R. MTL. CHP 3.9KΩ 1/10W	ERJ6GEYG392
* R4360		NX703520	R. MTL. CHP 5.6KΩ 1/10W	ERJ6GEYG562
* R4361		NX703510	R. MTL. CHP 3.9KΩ 1/10W	ERJ6GEYG392
* R4362		NX703520	R. MTL. CHP 5.6KΩ 1/10W	ERJ6GEYG562
* R4363		NX703510	R. MTL. CHP 3.9KΩ 1/10W	ERJ6GEYG392
* R4364		NX703510	R. MTL. CHP 3.9KΩ 1/10W	ERJ6GEYG392
* R4365		NX703520	R. MTL. CHP 5.6KΩ 1/10W	ERJ6GEYG562
* R4366		NX703510	R. MTL. CHP 3.9KΩ 1/10W	ERJ6GEYG392
* R4367		NX703520	R. MTL. CHP 5.6KΩ 1/10W	ERJ6GEYG562
* R4368		NX703520	R. MTL. CHP 5.6KΩ 1/10W	ERJ6GEYG562
* R4369		NX703520	R. MTL. CHP 5.6KΩ 1/10W	ERJ6GEYG562
* R4370		NX703520	R. MTL. CHP 5.6KΩ 1/10W	ERJ6GEYG562
* R4371		NX703520	R. MTL. CHP 5.6KΩ 1/10W	ERJ6GEYG562
R4372		HX610380	R. MTL. CHP 47KΩ 1/10W	ERJ6GEYF473
R4373		HX610380	R. MTL. CHP 47KΩ 1/10W	ERJ6GEYF473
R4374		HX610380	R. MTL. CHP 47KΩ 1/10W	ERJ6GEYF473
R4375		HX610380	R. MTL. CHP 47KΩ 1/10W	ERJ6GEYF473
R4376		HX610380	R. MTL. CHP 47KΩ 1/10W	ERJ6GEYF473
R4377		HX610380	R. MTL. CHP 47KΩ 1/10W	ERJ6GEYF473
R4378		HX610380	R. MTL. CHP 47KΩ 1/10W	ERJ6GEYF473
R4379		HX610380	R. MTL. CHP 47KΩ 1/10W	ERJ6GEYF473
R4380		HV454220	R. CAR. FP 22Ω 1/4W(RUC)	ERD25TVJ220
R4381		HV454220	R. CAR. FP 22Ω 1/4W(RUC)	ERD25TVJ220
R4400		HX610560	R. MTL. CHP 330Ω 1/10W	ERJ6GEYG331
R4401		HX610510	R. MTL. CHP 22KΩ 1/10W	ERJ6GEYG223
* R4402		NX703470	R. MTL. CHP 33KΩ 1/10W	ERJ6GEYF333
R4403		HX610430	R. MTL. CHP 10KΩ 1/10W	ERJ6GEYG103
R4404		HX610420	R. MTL. CHP 1KΩ 1/10W	ERJ6GEYG102
R4405		HX610430	R. MTL. CHP 10KΩ 1/10W	ERJ6GEYG103
R4406		HX610510	R. MTL. CHP 22KΩ 1/10W	ERJ6GEYG223
R4407		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4408		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4409		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4410		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4411		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4412		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4413		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4414		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4415		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4416		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4417		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4418		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4419		HX610610	R. MTL. CHP 820Ω 1/10W	ERJ6GEYG821
R4420		HX610490	R. MTL. CHP 220Ω 1/10W	ERJ6GEYG221

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
	R4421	HX610490	R. MTL. CHP	220Ω 1/10W ERJ6GEYG221
	R4422	HX610490	R. MTL. CHP	220Ω 1/10W ERJ6GEYG221
	R4423	HX610490	R. MTL. CHP	220Ω 1/10W ERJ6GEYG221
	R4424	HX610490	R. MTL. CHP	220Ω 1/10W ERJ6GEYG221
	R4425	HX610490	R. MTL. CHP	220Ω 1/10W ERJ6GEYG221
	R4426	HX610490	R. MTL. CHP	220Ω 1/10W ERJ6GEYG221
	R4427	HX610490	R. MTL. CHP	220Ω 1/10W ERJ6GEYG221
	R4428	HX610420	R. MTL. CHP	1KΩ 1/10W ERJ6GEYG102
*	R4451	NX703550	R. MTL. CHP	10Ω 1/10W ERJ6GEYJ100
*	R4490	NX703530	R. MTL. CHP	75Ω 1/10W ERJ6GEYG750
	R4679	HX610610	R. MTL. CHP	820Ω 1/10W ERJ6GEYG821
	R4680	HX610610	R. MTL. CHP	820Ω 1/10W ERJ6GEYG821
	R4681	HX610610	R. MTL. CHP	820Ω 1/10W ERJ6GEYG821
	R4700	HX610500	R. MTL. CHP	2.2KΩ 1/10W(AGR) ERJ6GEYG222
	R4701	HX610500	R. MTL. CHP	2.2KΩ 1/10W(AGR) ERJ6GEYG222
	R4703	HX610610	R. MTL. CHP	820Ω 1/10W(AGR) ERJ6GEYG821
	R4704	HX610610	R. MTL. CHP	820Ω 1/10W(AGR) ERJ6GEYG821
	R4711	HX610430	R. MTL. CHP	10KΩ 1/10W ERJ6GEYG103
*	R5201	NX703230	R. MTL. CHP	10Ω 1/2W ERJ12YJ100
	R5202	HX610040	R. MTL. CHP	12KΩ 1/16W ERJ3GEYJ123
	R5205	HX609880	R. MTL. CHP	0Ω 1/16W ERJ3GEYOR00
	R5206	HX610120	R. MTL. CHP	22KΩ 1/16W ERJ3GEYJ223
*	R5207	NX703360	R. MTL. CHP	43KΩ 1/16W ERJ3GEYJ433
	R5209	HX609880	R. MTL. CHP	0Ω 1/16W ERJ3GEYOR00
*	R5210	NX703260	R. MTL. CHP	6.8KΩ 1/16W ERJ3GEYF682
	R5211	HX610120	R. MTL. CHP	22KΩ 1/16W ERJ3GEYJ223
*	R5212	NX703390	R. MTL. CHP	7.5KΩ 1/16W ERJ3GEYJ752
	R5213	HX610010	R. MTL. CHP	10KΩ 1/16W ERJ3GEYJ103
	R5214	HX610120	R. MTL. CHP	22KΩ 1/16W ERJ3GEYJ223
	R5215	HX609930	R. MTL. CHP	3.3KΩ 1/16W ERJ3GEYG332
*	R5216	NX703260	R. MTL. CHP	6.8KΩ 1/16W ERJ3GEYF682
	R5217	HX610200	R. MTL. CHP	470KΩ 1/16W ERJ3GEYJ474
	R5218	HX610200	R. MTL. CHP	470KΩ 1/16W ERJ3GEYJ474
	R5219	HX610120	R. MTL. CHP	22KΩ 1/16W ERJ3GEYJ223
	R5220	HX610120	R. MTL. CHP	22KΩ 1/16W ERJ3GEYJ223
*	R5221	NX703340	R. MTL. CHP	33KΩ 1/16W ERJ3GEYJ333
*	R5222	NX703340	R. MTL. CHP	33KΩ 1/16W ERJ3GEYJ333
*	R5223	NX703370	R. MTL. CHP	510KΩ 1/16W ERJ3GEYJ514
*	R5224	NX703320	R. MTL. CHP	2.2Ω 1/16W ERJ3GEYJ2R2
	R6002	HX610430	R. MTL. CHP	10KΩ 1/10W ERJ6GEYG103
	R6003	HX610430	R. MTL. CHP	10KΩ 1/10W ERJ6GEYG103
	R6004	HX610490	R. MTL. CHP	220Ω 1/10W(AGR) ERJ6GEYG221
	R6005	HX610560	R. MTL. CHP	330Ω 1/10W ERJ6GEYG331
	R6006	HX610490	R. MTL. CHP	220Ω 1/10W ERJ6GEYG221
	R6007	HX610490	R. MTL. CHP	220Ω 1/10W ERJ6GEYG221
	R6008	HX610490	R. MTL. CHP	220Ω 1/10W ERJ6GEYG221
	R6010	HX610490	R. MTL. CHP	220Ω 1/10W ERJ6GEYG221
	R6023	HX610380	R. MTL. CHP	47KΩ 1/10W ERJ6GEYF473
	R6024	HX610380	R. MTL. CHP	47KΩ 1/10W ERJ6GEYF473
	R6025	HX610380	R. MTL. CHP	47KΩ 1/10W ERJ6GEYF473
	R6026	HX610380	R. MTL. CHP	47KΩ 1/10W ERJ6GEYF473
	R6027	HX610380	R. MTL. CHP	47KΩ 1/10W ERJ6GEYF473
	R6028	HX610380	R. MTL. CHP	47KΩ 1/10W ERJ6GEYF473

* New Parts

Schm	Ref.	PART NO.	Description	Remarks
	R6029	HX610380	R. MTL. CHP	47KΩ 1/10W ERJ6GEYF473
	R6030	HX610440	R. MTL. CHP	100KΩ 1/10W ERJ6GEYG104
	R6031	HX610440	R. MTL. CHP	100KΩ 1/10W ERJ6GEYG104
	R6032	HX610440	R. MTL. CHP	100KΩ 1/10W ERJ6GEYG104
	R6035	HX610440	R. MTL. CHP	100KΩ 1/10W ERJ6GEYG104
	R6036	HX610440	R. MTL. CHP	100KΩ 1/10W ERJ6GEYG104
	R6037	HX610440	R. MTL. CHP	100KΩ 1/10W ERJ6GEYG104
	R6044	HX610380	R. MTL. CHP	47KΩ 1/10W ERJ6GEYF473
	R6045	HX610380	R. MTL. CHP	47KΩ 1/10W ERJ6GEYF473
	R6201	HX610010	R. MTL. CHP	10KΩ 1/16W ERJ3GEYJ103
	R6202	HX610190	R. MTL. CHP	47KΩ 1/16W ERJ3GEYJ473
	R6203	HX610110	R. MTL. CHP	2.2KΩ 1/16W ERJ3GEYJ222
	R6204	HX610190	R. MTL. CHP	47KΩ 1/16W ERJ3GEYJ473
	R6205	HX610110	R. MTL. CHP	2.2KΩ 1/16W ERJ3GEYJ222
	R6206	HX610190	R. MTL. CHP	47KΩ 1/16W ERJ3GEYJ473
	R6207	HX610190	R. MTL. CHP	47KΩ 1/16W ERJ3GEYJ473
	R6301	HX610190	R. MTL. CHP	47KΩ 1/16W ERJ3GEYJ473
	R6311	HX609950	R. MTL. CHP	4.7KΩ 1/16W ERJ3GEYG472
	R6312	HX610010	R. MTL. CHP	10KΩ 1/16W ERJ3GEYJ103
*	R6603	NX703280	R. MTL. CHP	47KΩ 1/16W ERJ3GEYG473
*	R6604	NX703270	R. MTL. CHP	22KΩ 1/16W ERJ3GEYG223
*	R6605	NX703340	R. MTL. CHP	33KΩ 1/16W ERJ3GEYJ333
	R6606	HX610060	R. MTL. CHP	15KΩ 1/16W ERJ3GEYJ153
*	R6607	NX703300	R. MTL. CHP	1MΩ 1/16W ERJ3GEYJ105
	R6612	HX610120	R. MTL. CHP	22KΩ 1/16W ERJ3GEYJ223
	R6613	HX610120	R. MTL. CHP	22KΩ 1/16W ERJ3GEYJ223
*	R6615	NX703300	R. MTL. CHP	1MΩ 1/16W ERJ3GEYJ105
*	R6616	NX703410	R. MTL. CHP	100Ω 1/16W ERJ3RBD101
*	R6617	NX703410	R. MTL. CHP	100Ω 1/16W ERJ3RBD101
*	R6618	NX703300	R. MTL. CHP	1MΩ 1/16W ERJ3GEYJ105
*	R6619	NX703410	R. MTL. CHP	100Ω 1/16W ERJ3RBD101
	R7001	HX609890	R. MTL. CHP	1KΩ 1/16W ERJ3GEYG102
	R7002	HX610190	R. MTL. CHP	47KΩ 1/16W ERJ3GEYJ473
	R7003	HX609940	R. MTL. CHP	470Ω 1/16W ERJ3GEYG471
	R7004	HX610190	R. MTL. CHP	47KΩ 1/16W ERJ3GEYJ473
*	R7051	NX703330	R. MTL. FLM	33Ω 1/16W ERJ3GEYJ330
*	R7052	NX703330	R. MTL. FLM	33Ω 1/16W ERJ3GEYJ330
*	R7053	NX703330	R. MTL. FLM	33Ω 1/16W ERJ3GEYJ330
*	R7054	NX703330	R. MTL. FLM	33Ω 1/16W ERJ3GEYJ330
*	R7055	NX703330	R. MTL. FLM	33Ω 1/16W ERJ3GEYJ330
*	RA3001	NX703110	R. ARRAY	EXBV8V473J EXBV8V473J
*	RA3002	NX703100	R. ARRAY	EXBV4V473J EXBV4V473J
*	RA3241	NX704220	R. ARRAY	EXBV4V331J(UC) EXBV4V331J
*	RA3242	NX704230	R. ARRAY	EXBV8V471J(UC) EXBV8V471J
*	RA3243	NX704230	R. ARRAY	EXBV8V471J(UC) EXBV8V471J
*	RA6201	NX703070	R. ARRAY	EXBV4V103J EXBV4V103J
*	RA6202	NX703070	R. ARRAY	EXBV4V103J EXBV4V103J
*	RA6203	NX703080	R. ARRAY	EXBV4V222J EXBV4V222J
*	RA6204	NX703100	R. ARRAY	EXBV4V473J EXBV4V473J
*	RA6205	NX703100	R. ARRAY	EXBV4V473J EXBV4V473J
*	RA6206	NX703100	R. ARRAY	EXBV4V473J EXBV4V473J
*	RA7001	NX703090	R. ARRAY	EXBV4V471J EXBV4V471J
*	RA7002	NX703110	R. ARRAY	EXBV8V473J EXBV8V473J

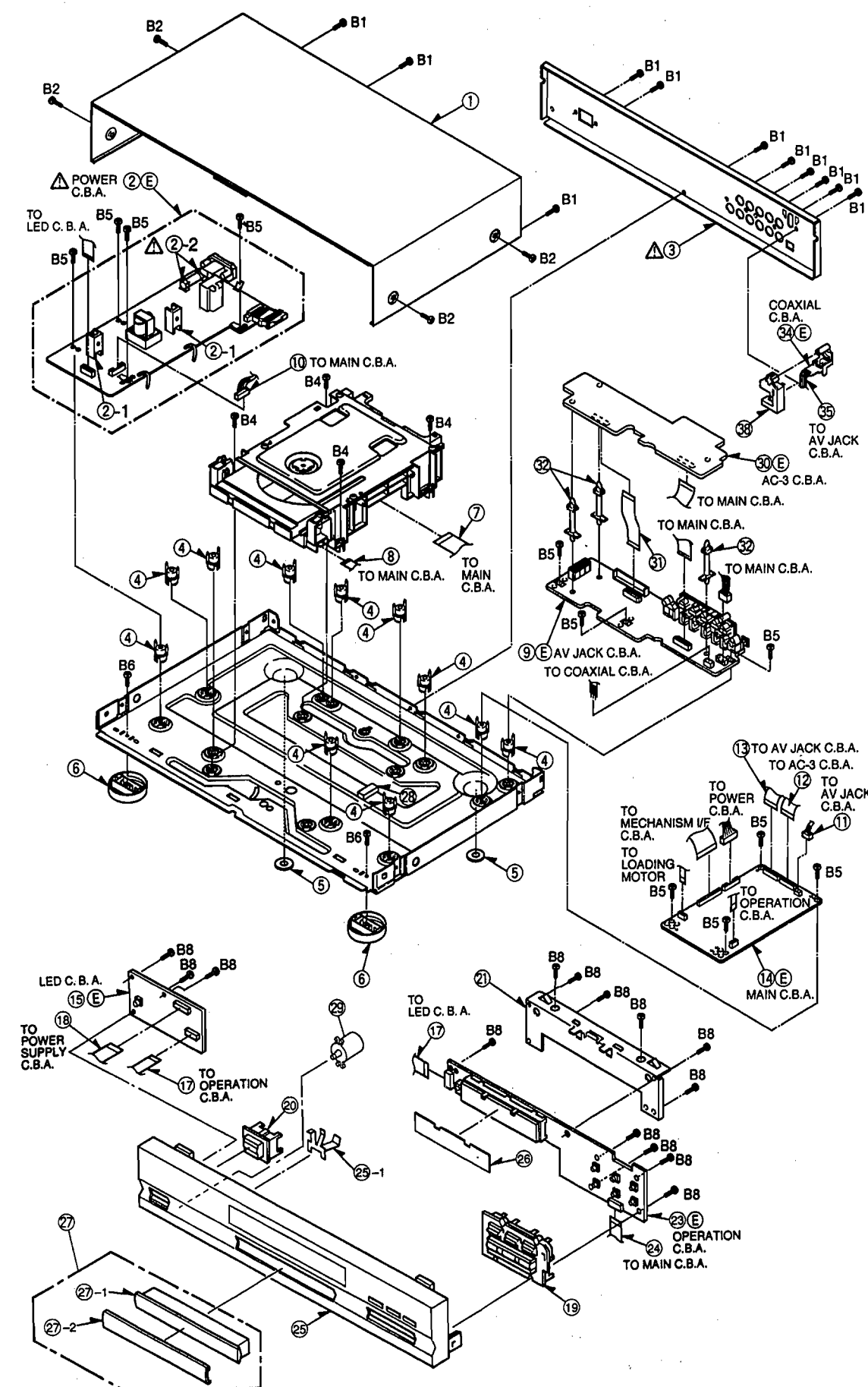
* New Parts

Schm	Ref.	PART NO.	Description	Remarks
*	RA7003	NX703110	R. ARRAY	EXBV8V473J EXBV8V473J
*	S0101	KX604680	SW	VSH0168
*	S0102	KX604680	SW	VSH0168
*	S6001	KX604670	SW	EVQ11G07K
*	S6004	KX604670	SW	EVQ11G07K
*	S6005	KX604670	SW	EVQ11G07K
*	S6008	KX604670	SW	EVQ11G07K
*	S6009	KX604670	SW	EVQ11G07K
*	S6010	KX604670	SW	EVQ11G07K
*	S6191	KX604670	SW	EVQ11G07K
△ *	T1011	NX703200	TRNS. PWR	ETS29AD4H6AC(AGR) ETS29AD4H6AC
△ *	T1011	NX704310	TRNS. PWR	ETS29AD4G3BC(UC) ETS29AD4G3BC
△ *	T1061	NX704300	TRNS	ETP28Z427AY(UC) ETP28Z427AY
*	T4450	NX702900	TRNS	VLQ0790 VLQ0790
*	VR3231	NX704270	VR	VRV0293B202T(UC) VRV0293B202T
*	VR3232	NX703140	VR	VRV0293B102T(AGR) VRV0293B102T
*	VR3232	NX704270	VR	VRV0293B202T(UC) VRV0293B202T
*	VR3233	NX703150	VR	VRV0293B201T VRV0293B201T
*	X6001	QX600940	RSNR. CRYST	EFOEC8004A4
*	X6601	NX703160	RSNR. CRYST	VSX0943 VSX0943
*	X6602	NX703180	RSNR. CRYST	VSX0945 VSX0945
*	X6603	NX703170	RSNR. CRYST	VSX0944 VSX0944
△ *	ZA1001	AX624190	HOLDER. FUS	EYF52BC EYF52BC
△ *	ZA1002	AX624190	HOLDER. FUS	EYF52BC EYF52BC
*	ZA1031	AX624030	GND. SPG	(AGR) VMC1359
*	ZA1111	NX701970	GND. MTL	VJR0978 VJR0978
*	ZA1112	NX701970	GND. MTL	VJR0978 VJR0978
*	ZA1113	NX701970	GND. MTL	VJR0978 VJR0978
*	ZA1114	NX701970	GND. MTL	VJR0978 VJR0978

* New Parts

2. Casing Parts & Mechanism Section

2-1. Casing Parts & Mechanism Section Exploded View



2-2. Casing Parts & Mechanism Section Parts List

Ref. No.	PART NO.	Description	Remarks	Markets
* 1	NX702800	TOP COVER	VGM1396	
* 2	NX701950	P.C.B. ASS'Y	VEP91231E	(R)
* 2	NX703820	P.C.B. ASS'Y	VEP91230A	(UC)
* 2	NX703830	P.C.B. ASS'Y	VEP91231A	(G)
* 2	NX703840	P.C.B. ASS'Y	VEP91231D	(A)
* 2-1	BX602860	HEAT SINK	VSC3076	
* 2-2	AX624190	FUSE HOLDER	EYF52BC	
* 3	NX703120	REAR PANEL	VMA9968	(R)
* 3	NX704240	REAR PANEL	VMA9967	(UC)
* 3	NX704250	REAR PANEL	VMA9970	(G)
* 3	NX704260	REAR PANEL	VMA9971	(A)
* 4	CX680300	SPACER, P.C.B.	VMP5191	
* 5	CX680170	FOOT RUBBER	VKA0147	
* 6	CX680310	LEG	VYK7764	
* 7	MX605150	FLEXIBLE CABLE	35P VWJ1118	
* 8	MX605160	FLEXIBLE CABLE	5P VWJ1115	
* 9	NX701900	P.C.B. ASS'Y	AV JACK VEP93304K	(AGR)
* 9	NX703760	P.C.B. ASS'Y	AV JACK VEP93304L	(UC)
* 10	NX702970	FLEXIBLE CABLE	8P VEE0C36	
* 11	NX702390	SHIELD CABLE	VEE0C37	
* 12	NX703030	FLEXIBLE CABLE	21P VWJ21D1070MM	
* 13	NX703010	FLEXIBLE CABLE	22P VWJ1261	
* 14	NX701930	P.C.B. ASS'Y	MAIN VEP96512V	(AGR)
* 14	NX703810	P.C.B. ASS'Y	MAIN VEP96512W	(UC)
* 15	NX701910	P.C.B. ASS'Y	LED VEP96528A	(AGR)
* 15	NX703770	P.C.B. ASS'Y	LED VEP96528B	(UC)
* 17	MX605070	FLEXIBLE CABLE	10P VWJ1175	
* 18	NX702990	FLEXIBLE CABLE	11P VWJ11A0110BB	
* 19	CX680370	OPERATION BUTTON	R VXU1475	
* 20	NX703190	OPERATION BUTTON	L VXU1508	
* 21	AX624290	FRONT ANGLE	VMA9557	
* 23	NX701920	P.C.B. ASS'Y	OPERATION VEP96529B	(R)
* 23	NX703780	P.C.B. ASS'Y	OPERATION VEP96529A	(G)
* 23	NX703790	P.C.B. ASS'Y	OPERATION VEP96529C	(A)
* 23	NX703800	P.C.B. ASS'Y	OPERATION VEP96529D	(UC)
* 24	NX703000	FLEXIBLE CABLE	6P VWJ1241	
* 25	NX703040	FRONT PANEL	VYP6869	(AGR)
* 25	NX704160	FRONT PANEL	VYP6866	(UC)
* 25-1	NX701980	GROUND METAL	VMC1343	(AGR)
* 26	GX609570	FILTER	VKW2280	
* 27	NX702910	TRAY TOP UNIT	VYF2413	
* 27-1	AX624120	TRAY ANGLE	VGK2280	
* 27-2	AX624150	TRAY TOP	VGK2282	
* 28	AX624080	SPACER	VMT0545	
* 29	NX703050	HOLDER	VGL0742	(AGR)
* 30	NX701890	P.C.B. ASS'Y	AC-3 VEP94304J	(R)
* 30	NX703740	P.C.B. ASS'Y	AC-3 VEP94304F	(UC)
* 30	NX703750	P.C.B. ASS'Y	AC-3 VEP94304K	(AG)
* 31	NX703020	FLEXIBLE CABLE	20P VWJ20D1100MM	
* 32	CX680280	SPACER, P.C.B.	VMX2001	
* 34	NX701960	P.C.B. ASS'Y	COAXIAL VEP94319A	(AGR)
* 34	NX703850	P.C.B. ASS'Y	COAXIAL VEP94319B	(UC)
* 35	NX702980	FLEXIBLE CABLE	3P VWJ03D5060QV	

* New Parts

Ref. No.	PART NO.	Description	Remarks	Markets
* 38	NX702400	JACK HOLDER	VGQ4718	
		ACCESSORIES		
* NX703130		REMOTE CONTROL UNIT	VEQ2101	
△ * MX605250		POWER CORD	VJA0664	(GR)
△ * NX704280		POWER CORD	VJA0663	(UC)
△ * NX704290		POWER CORD	VJA0754	(A)
* MX605180		A/V CORD	VJA0788	
* B1	EX603920	SCREW	VHD0690	
* B2	EX603940	SCREW	VHD1041	
* B4	EX604050	SCREW	XTV3+10J	
* B5	EX604110	SCREW	XYE3+EJ14	
* B6	EX604060	SCREW	XTV3+8J	
* B8	EX604040	SCREW	XTV3+10G	

* New Parts

A

B

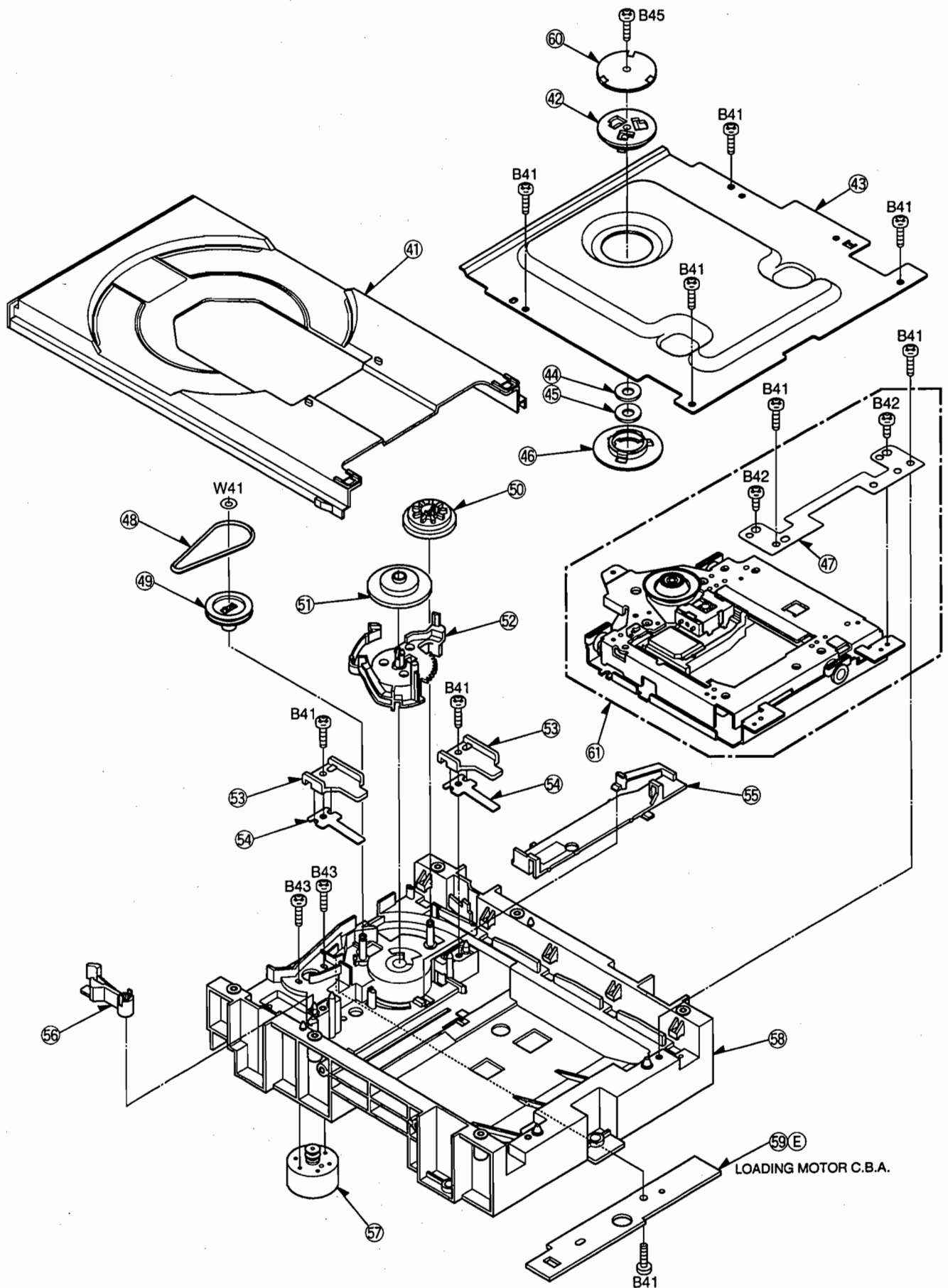
C

D

E

3. Loading Mechanism Section

3-1. Loading Mechanism Section Exploded View



3-2. Loading Mechanism Section Parts List

Ref. No.	PART NO.	Description	Remarks	Markets
* 41	AX624100	TRAY	VMD2643	
* 42	CX680140	CLAMPER HOLDER	VMD2640	
* 43	CX680150	CLAMPER PLATE	VMA9534	
* 44	CX680160	CLAMPER BACK YOKE	VMA9535	
* 45	BX602870	CLAMPER MAGNET	VSQ1002	
* 46	CX680110	CLAMPER	VMD2639	
* 47	AX624180	SUPPORT SPRING	VMC1264	
* 48	CX680240	BELT	VDV0373	
* 49	CX680230	PULLEY GEAR	VDG1229	
* 50	AX624130	TRAY GEAR	VDG1231	
* 51	CX680290	ROTATION GEAR	VDG1227	
* 52	CX680270	ROTARY CAM	VDK0150	
* 53	CX680190	CHASSIS STOPPER	VMA9572	
* 54	CX680200	CHASSIS HOLDER	VMC1267	
* 55	AX624090	SLIDER	VMD2641	
* 56	KX604690	SWITCH LEVER	VMD2642	
* 57	NX635680	LOADING MOTOR UNIT	VEM0609	
* 58	AX624230	LOADING BASE	VMD2683	
* 59	NX635750	P.C.B. ASS'Y	LOADING MOTOR VEK8001	
* 60	CX680130	CLAMPER WEIGHT	VMA9695	
* 61	NX702810	TRAVERSE UNIT	VXK1363 VXK1363	
* B41	EX604030	SCREW	XTV26+8G	
* B42	EX604100	SCREW	XYC26+BF5FZN	
* B43	EX603980	SCREW	XQNC17+3	
* B45	EX604020	SCREW	XTS26+6J	
* W41	AX624240	WASHER	VMX2641	

* New Parts

A

B

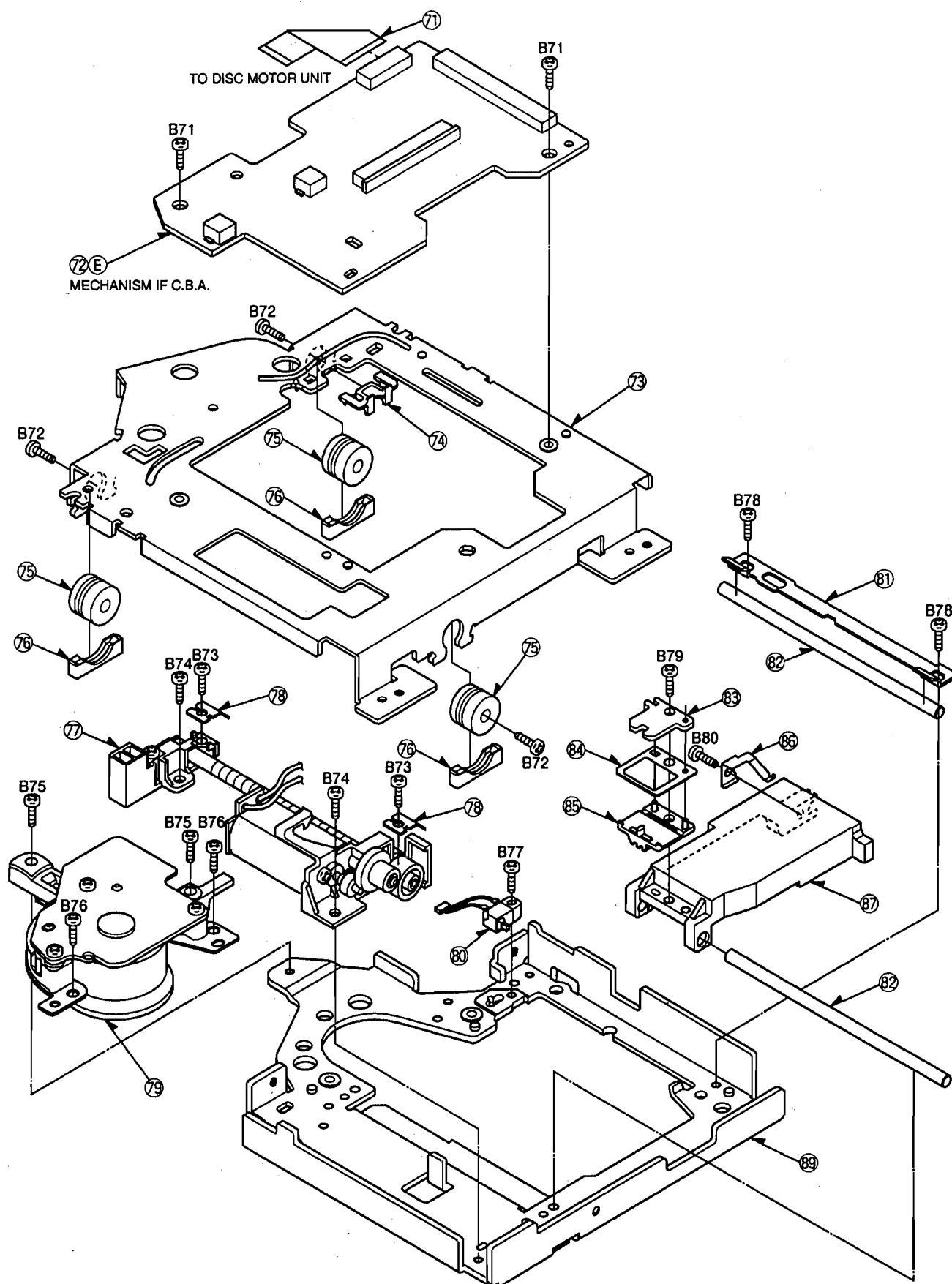
C

D

E

4. Traverse Section

4-1. Traverse Section Exploded View

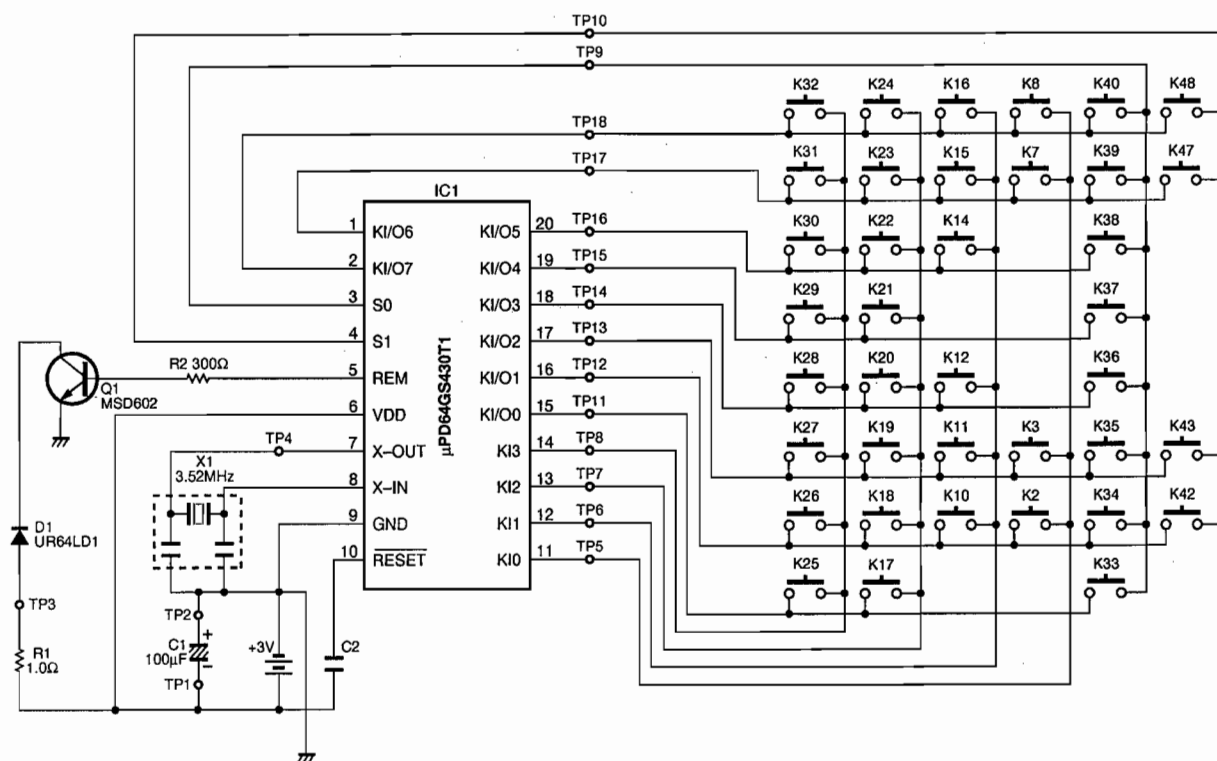


4-2. Traverse Section Parts List

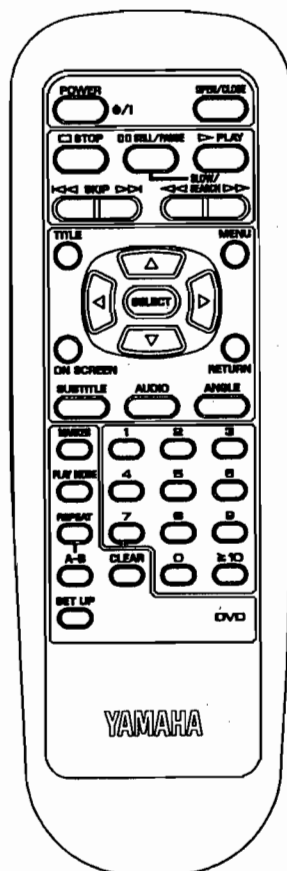
Ref. No.	PART NO.	Description	Remarks	Markets
* 71	MX605090	FLEXIBLE CABLE	11P	VWJ1116
* 72	NX701940	P.C.B. ASS'Y	MECHANISM IF	VEP90367A
* 73	NX635670	D CHASSIS UNIT		VXA5786
* 74	CX680120	SWITCH CLAMPER		VMD2682
* 75	CX680210	DAMPER		VMG1001
* 76	CX680220	DAMPER HOLDER		VMD2675
* 77	NX635720	TRAVERSE MOTOR UNIT		VXQ0588
* 78	CX680250	MAIN SHAFT HOLDER		VMC1262
* 79	NX702760	DISC MOTOR UNIT	VXA6065	VXA6065
* 80	NX635700	CHIP SWITCH UNIT		VEK8061
* 81	CX680180	SUB SHAFT HOLDER		VMC1260
* 82	AX624050	GUIDE SHAFT		VMS6098
* 83	AX624160	NUT STOPPER		VMA9532
* 84	AX624170	NUT HOLD SPRING		VMC1263
* 85	AX624070	SCREW NUT		VMD2637
* 86	AX624020	PU OVER PRESSURE SPRING		VMC1265
* 87	PX601990	OPTICAL PICK-UP UNIT		VED0378
* 89	AX624010	H CHASSIS		VMK0433
* B71	EX604000	SCREW		XTB26+5F
* B72	EX603930	SCREW		VHD1032
* B73	EX604080	SCREW		XYC2+JF10
* B74	EX604120	SCREW		XYN2+J4
* B75	EX604070	SCREW		XVE26B10FP
* B76	EX604090	SCREW		XYC2+JF5
* B77	EX604130	SCREW		XYN2+J8
* B78	EX603990	SCREW		XSN2+3
* B79	EX603970	SCREW		XQN17+C5
* B80	EX603950	SCREW		VHD1057

* New Parts

5. Remote Control Transmitter



KASEIKYOU FORMAT (A.E.H.A) 36.7kHz/ 1/2DUTY



Key No.	FUNCTION	CUSTOM CODE	DATA CODE
2	AUDIO	00	33
3	PLAY	00	0A
7	<	00	87
8	STOP	00	00
10	MARKER	00	8E
11	SLOW/SEARCH >>	00	05
12	2	00	11
14	SET UP	00	94
15	SKIP >>	00	4A
16	SKIP <<	00	49
17	≥ 10	00	89
18	▽	00	86
19	>	00	88
20	0	00	19
21	CLEAR	00	83
22	A-B REPEAT	00	48
23	STILL/PAUSE	00	06
24	TITLE	00	9B
25	9	00	18
26	SELECT	00	82
27	ANGLE	00	90
28	8	00	17
29	7	00	16
30	REPEAT	00	8C
31	△	00	85
32	ON SCREEN	00	92
33	6	00	15
34	3	00	12
35	MENU	00	80
36	5	00	14
37	4	00	13
38	PLAY MODE	00	8D
39	SLOW/SEARCH <<	00	04
40	SUBTITLE	00	91
42	1	00	10
43	RETURN	00	81
47	OPEN/CLOSE	00	01
48	POWER	00	3D

SYSTEM CODE : B (Hex)

6. Pats List for Carbon Resistor

Value	1/4W Type Part No.	1/6W Type Part No.	Value	1/4W Type Part No.	1/6W Type Part No.
1.0 Ω	HJ35 3100	HF85 3100	10 k Ω	HF45 7100	HF45 7100
1.8 Ω	HJ35 3180	*	11 k Ω	HF45 7110	HF45 7110
2.2 Ω	HJ35 3220	HF85 3220	12 k Ω	HJ35 7120	HF85 7120
3.3 Ω	HJ35 3330	HF85 3330	13 k Ω	HF45 7130	HF45 7130
4.7 Ω	HJ35 3470	HF85 3470	15 k Ω	HF45 7150	HF45 7150
5.6 Ω	HJ35 3560	HF85 3560	18 k Ω	HF45 7180	HF45 7180
10 Ω	HF45 4100	HF45 4100	22 k Ω	HF45 7220	HF45 7220
15 Ω	HJ35 4150	HF85 4150	24 k Ω	HF45 7240	HF45 7240
22 Ω	HF45 4220	HF45 4220	27 k Ω	HJ35 7270	HF85 7270
27 Ω	HJ35 4270	HF85 4270	30 k Ω	HF45 7300	HF45 7300
33 Ω	HF45 4330	HF45 4330	33 k Ω	HF45 7330	HF45 7330
39 Ω	HJ35 4470	HF85 4390	36 k Ω	HF45 7360	HF45 7360
47 Ω	HF45 4470	HF45 4470	39 k Ω	HF45 7390	HF45 7390
56 Ω	HF45 4560	HF45 4560	47 k Ω	HF45 7470	HF45 7470
68 Ω	HF45 4680	HF45 4680	51 k Ω	HF45 7510	HF45 7510
75 Ω	HF45 4750	HF45 4750	56 k Ω	HF45 7560	HF45 7560
82 Ω	HF45 4820	HF45 4820	62 k Ω	HF45 7620	HF45 7620
91 Ω	HF45 4910	HF45 4910	68 k Ω	HF45 7680	HF45 7680
100 Ω	HF45 5100	HF45 5100	82 k Ω	HF45 7820	HF45 7820
110 Ω	HJ35 5110	HF85 5110	91 k Ω	HF45 7910	HF45 7910
120 Ω	HF45 5120	HF45 5120	100 k Ω	HF45 8100	HF45 8100
150 Ω	HF45 5150	HF45 5150	110 k Ω	HF45 8110	HF45 8110
160 Ω	HJ35 5160	*	120 k Ω	HF45 8120	HF45 8120
180 Ω	HF45 5180	HF45 5180	150 k Ω	HF45 8150	HF45 8150
200 Ω	HF45 5200	HF45 5200	180 k Ω	HF45 8180	HF45 8180
220 Ω	HF45 5220	HF45 5220	220 k Ω	HJ35 8220	HF85 8220
270 Ω	HF45 5270	HF45 5270	270 k Ω	HF45 8270	HF45 8270
330 Ω	HF45 5330	HF45 5330	300 k Ω	HF45 8300	HF45 8300
390 Ω	HF45 5390	HF45 5390	330 k Ω	HF45 8330	HF45 8330
430 Ω	HF45 5430	HF45 5430	390 k Ω	HJ35 8390	HF85 8390
470 Ω	HF45 5470	HF45 5470	470 k Ω	HF45 8470	HF45 8470
510 Ω	HF45 5510	HF45 5510	560 k Ω	HJ35 8560	HF85 8560
560 Ω	HF45 5560	HF45 5560	680 k Ω	HJ35 8680	HF85 8680
680 Ω	HF45 5680	HF45 5680	820 k Ω	HJ35 8820	HF85 8820
820 Ω	HF45 5820	HF45 5820	1.0 M Ω	HF45 9100	HF45 9100
910 Ω	HF45 5910	HF45 5910	1.2 M Ω	HJ35 9120	*
1.0 k Ω	HF45 6100	HF45 6100	1.5 M Ω	HJ35 9150	HF85 9150
1.2 k Ω	HF45 6120	HF45 6120	1.8 M Ω	HJ35 9180	HF85 9180
1.5 k Ω	HF45 6150	HF45 6150	2.2 M Ω	HJ35 9220	HF85 9220
1.8 k Ω	HF45 6180	HF45 6180	3.3 M Ω	HJ35 9330	HF85 9330
2.0 k Ω	HJ35 6200	HF85 6200	3.9 M Ω	HJ35 9390	*
2.2 k Ω	HF45 6220	HF45 6220	4.7 M Ω	HJ35 9470	HF85 9470
2.4 k Ω	HJ35 6240	HF85 6240			
2.7 k Ω	HF45 6270	HF45 6270			
3.0 k Ω	HF45 6300	HF45 6300			
3.3 k Ω	HF45 6330	HF45 6330			
3.6 k Ω	HJ35 6360	HF85 6360			
3.9 k Ω	HF45 6390	HF45 6390			
4.7 k Ω	HF45 6470	HF45 6470			
5.1 k Ω	HF45 6510	HF45 6510			
5.6 k Ω	HF45 6560	HF45 6560			
6.8 k Ω	HF45 6680	HF45 6680			
8.2 k Ω	HF45 6820	HF45 6820			
9.1 k Ω	HF45 6910	HF45 6910			

1/4W Type

HJ35 ○○○○

10mm

1/4W Type

HF45 ○○○○

1/6W Type

HF85 ○○○○

5mm

DVD-S700

YAMAHA
