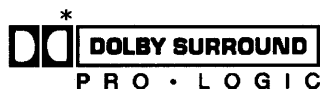


Service Manual

AV Control Stereo Receiver

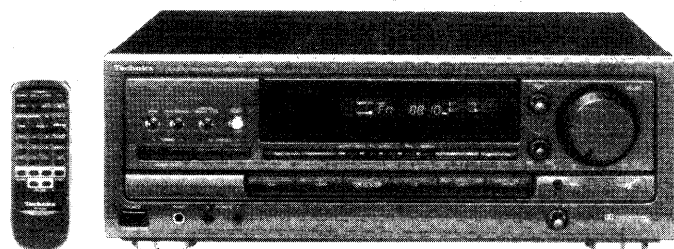


Receiver

SA-EX510

Colour

(K) Black Type



Area

| Suffix for Model No. | Area | Colour |
|----------------------|-------------------|--------|
| (E) | Europe | (K) |
| (EB) | Great Britain | |
| (EG) | Germany and Italy | |

* Manufactured under license from Dolby Laboratories Licensing Corporation. Additionally licensed under one or more of the following patents: U.S. numbers 3,632,886,3,746,792 and 3,959,590; Canadian numbers 1,004,603 and 1,037,877.

"Dolby" and the double-D symbol are trade marks of Dolby Laboratories Licensing Corporation.

Specifications

Amplifier Section

| | |
|--|---|
| Power output | |
| DIN 1kHz (T.H.D. 1%) | 2x100W (4Ω) |
| 20 Hz–20 kHz continuous power output both channels driven | 2 x 65W (8Ω) |
| Total harmonic distortion | |
| Rated power at 20 Hz – 20kHz | 0.05% (8Ω) |
| Half power at 1 kHz | 0.03% (8Ω) |
| Power output at the Dolby Pro Logic operation | |
| DIN 1 kHz (T.H.D. 1%) | |
| Front | 2X60W (4Ω) |
| Center | 60W (8Ω) |
| Surround | 60W (8Ω) |
| Intermodulation distortion rated power at 60Hz: 7kHz = 4:1, SMPTE | 0.5% (8Ω) |
| Power bandwidth | |
| both channels driven, -3dB | 10Hz – 40kHz(8Ω) |
| Damping factor | 30 (8Ω) |
| Load impedance | |
| Front | |
| A or B | 4-16Ω |
| A and B | 8-16Ω |
| Center | 8-16Ω |
| surround | 4-16Ω |
| Frequency response | |
| PHONO | RIAA standard curve(30Hz – 15kHz) ± 0.8dB |
| CD, TAPE, VCR, TV/DVD | 10Hz – 40kHz, ± 3dB |
| Input sensitivity and impedance | |
| PHONO | 3mV/47kΩ |
| CD, TAPE, VCR, TV/DVD | 200mV/22kΩ |
| S/N at rated power (8Ω) | |
| PHONO | 70dB (IHF, A: 80dB) |
| CD, TAPE, VCR, TV/DVD | 75dB (IHF, A: 85dB) |
| Tone controls | |
| BASS | 50Hz, +10 to -10dB |
| TREBLE | 20kHz, +10 to -10dB |
| Output voltage | |
| TAPE REC (OUT), VCR OUT | 200mV |

| | |
|---|-------------------|
| Channel balance (250Hz-6.3kHz) | ±1dB |
| Channel separation | 55dB |
| Headphone output level and impedance | 430mV/330Ω |
| Subwoofer frequency response | 7Hz – 100Hz, ±3dB |

FM Tuner Section

| | |
|---|---------------------------|
| Frequency range | 87.50 — 108.00MHz |
| Sensitivity | |
| S/N 30dB | 1.5μV/75Ω |
| S/N 26dB | 1.3μV/75Ω |
| S/N 20dB | 1.2μV/75Ω |
| IHF usable sensitivity | 1.5μV/75Ω (IHF '58) |
| IHF 46dB stereo quieting sensitivity | 22μV/75Ω |
| Total harmonic distortion | |
| MONO | 0.2% |
| STEREO | 0.3% |
| S/N | |
| MONO | 60dB (75dB, IHF) |
| STEREO | 58dB (71dB, IHF) |
| Frequency response | 20Hz — 15 kHz, +1dB, -2dB |
| Alternate channel selectivity | |
| ±400 kHz | 65dB |
| Capture ratio | 1dB |
| Image rejection at 98MHz | 40dB |
| IF rejection at 98MHz | 70dB |
| Spurious response rejection at 98MHz | 70dB |
| AM suppression | 50dB |
| Stereo separation | |
| 1 kHz | 40dB |
| Carrier leak | |
| 19kHz | -30dB (-35dB, IHF) |
| 38kHz | -50dB (-55dB, IHF) |
| Channel balance (250Hz – 6.3kHz) | ±1.5dB |
| Limiting point | 1.2μV |
| Bandwidth | |
| IF amplifier | 180kHz |
| FM demodulator | 1000kHz |
| Antenna terminal(s) | 75Ω (unbalanced) |

Technics®

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⚠ WARNING

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

■ AM Tuner Section

| | |
|------------------------------------|---|
| Frequency range | |
| AM | 522 — 1611kHz (9kHz steps) 530 — 1620kHz (10kHz steps) |
| Sensitivity | 20μV, 330μV/m |
| Selectivity (at 999kHz) | 55dB |
| Image rejection (at 999kHz) | 40dB |
| IF rejection (at 999kHz) | 55dB |

■ Video Section

| | |
|---|-------------------|
| Output voltage at 1 V input (unbalanced) | 1±0.1 Vp-p |
| Maximum input voltage | 1.5 Vp-p |
| Input/output impedance | 75 Ω (unbalanced) |

■ Contents

| | PAGE | | PAGE |
|---|---------|---|---------|
| • BEFORE REPAIR AND ADJUSTMENT..... | 2 | • TERMINAL GUIDE OF ICs, TRANSISTORS & DIODES.. | 18 & 19 |
| • PROTECTION CIRCUITRY..... | 2 | • SCHEMATIC DIAGRAM..... | 19 ~ 32 |
| • CAUTION FOR AC MAINS LEAD | 3 | • PRINTED CIRCUIT BOARD | 33 ~ 39 |
| • OPERATION CHECKS AND MAIN COMPONENT REPLACEMENT | 4 ~ 8 | • WIRE CONNECTION DIAGRAM..... | 40 |
| • FAN MOTOR TROUBLESHOOTING..... | 9 | • CABINET PARTS LOCATION..... | 41 |
| • TROUBLESHOOTING..... | 10 ~ 13 | • REPLACEMENT PARTS LIST..... | 42 ~ 44 |
| • BLOCK DIAGRAM..... | 14 ~ 17 | • RESISTORS & CAPACITORS..... | 44 ~ 48 |
| • TERMINAL FUNCTIONS OF ICs..... | 18 | • PACKAGING..... | 48 |

■ Before Repair and Adjustment

Disconnect AC power, discharge 4 Power Supply Capacitors C703, C704, C705 and C706 through a 10Ω , 5W resistor to ground. **DO NOT SHORT-CIRCUIT DIRECTLY** (with a screwdriver blade, for instance), as this may destroy solid state devices. After repairs are completed, restore power gradually using a variac, to avoid overcurrent.

■ Protection Circuitry

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

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

The function of this circuitry is to prevent circuitry damage if, for example, the positive and negative speaker connection wires are "shorted", or if speaker systems with an impedance less than the indicated rated impedance of the amplifier are used.

If this occurs, follow the procedure outlines below:

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

Note:

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

■ Caution for AC Mains Lead

(For "EB" area code model only.)

For your safety, please read the following text carefully.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 5-ampere fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5-ampere and that it is approved by ASTA or BSI to BS1362.

Check for the ASTA mark  or the BSI mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover, the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local dealer.

CAUTION !

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OFF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13-AMPERE SOCKET.

If a new plug is to be fitted, please observe the wiring code as shown below.

If in any doubt please consult a qualified electrician.

IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral
Brown: Live

As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black or Blue.

The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Brown or Red.

WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E, BY THE EARTH SYMBOL \perp OR COLOURED GREEN OR GREEN/YELLOW.

THIS PLUG IS NOT WATERPROOF—KEEP DRY.

Before use

Remove the connector cover.

How to replace the fuse

The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.

Illustrations may differ from actual AC mains plug.

1. Open the fuse cover with a screwdriver.

Figure A

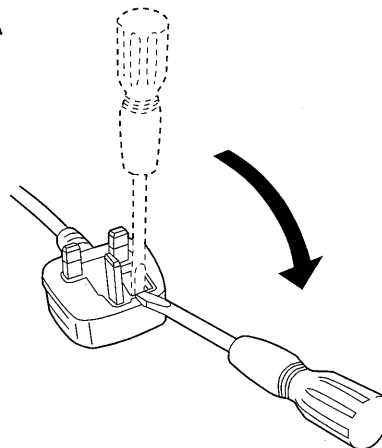
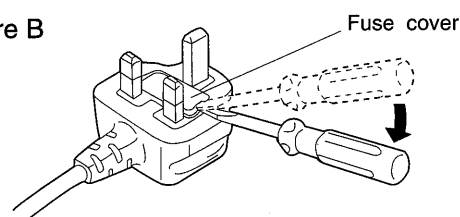


Figure B



2. Replace the fuse and close or attach the fuse cover.

Figure A

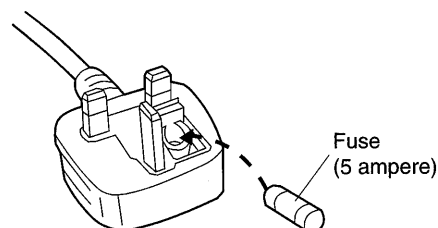
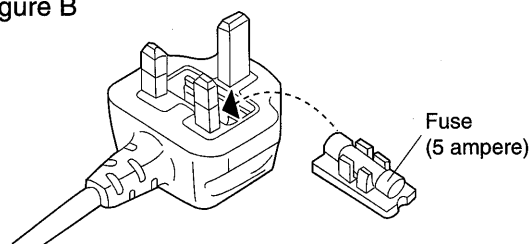


Figure B



■ Operation Checks and Main Component Replacement Procedures

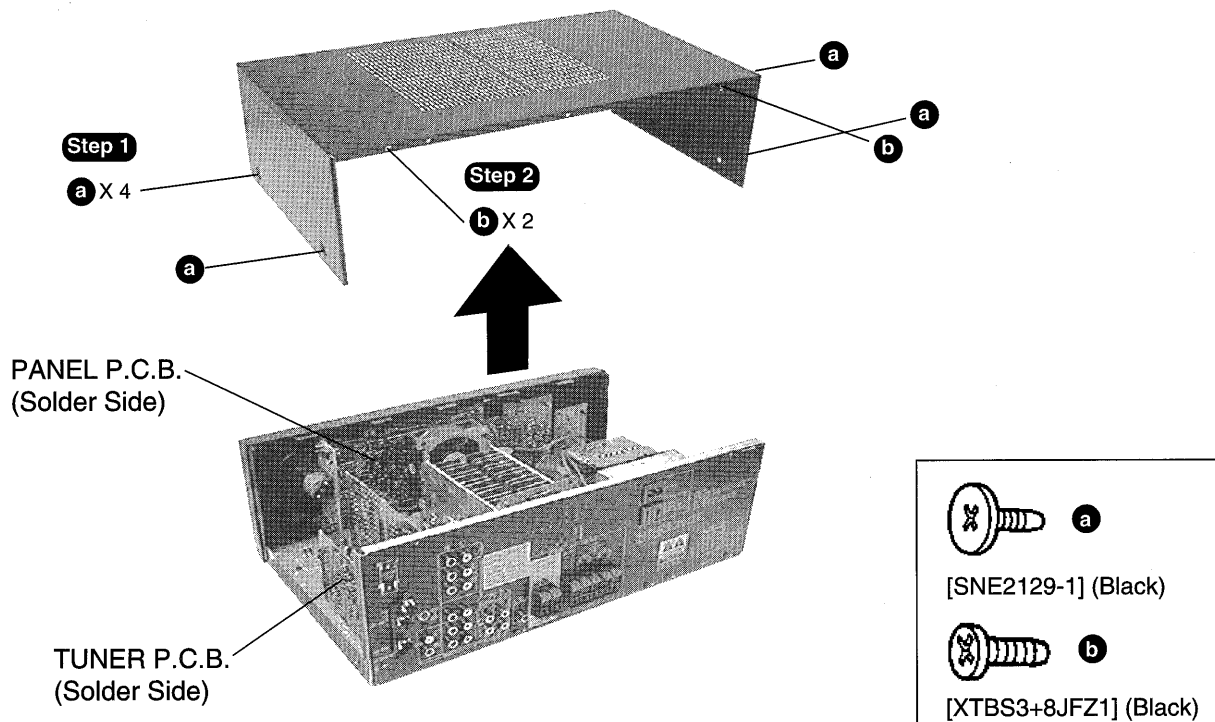
"ATTENTION SERVICER" Some chassis components may have sharp edges. Be careful when disassembling and servicing.

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

| • Contents | page |
|---|-------|
| • Checking Procedure For Each Major P.C.B. | 3 ~ 5 |
| • Main Component Replacement Procedures | 5 ~ 7 |

■ Checking Procedure For Each Major P.C.B.

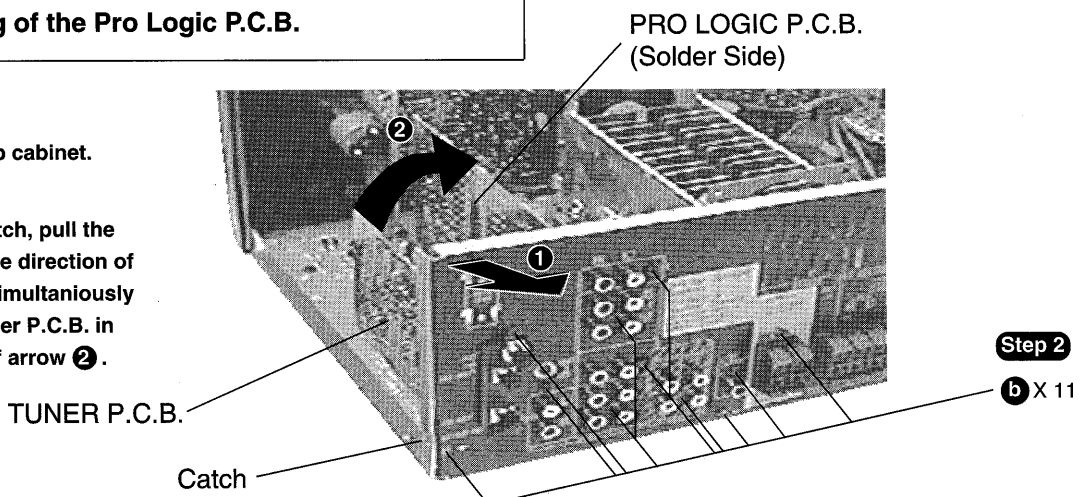
1. Checking of the Panel P.C.B., and Tuner P.C.B.



2. Checking of the Pro Logic P.C.B.

Step 1
Remove the top cabinet.

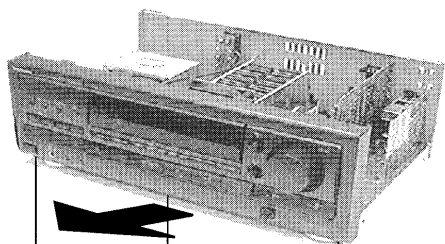
Step 3
Release the catch, pull the rear panel in the direction of arrow ① and simultaneously remove the tuner P.C.B. in the direction of arrow ②.



To Remove Front Panel, Panel P.C.B., Power Switch P.C.B. and Headphone Jack P.C.B.

Step 1

Remove the top cabinet.



b X 3

Step 2

b

Step 3

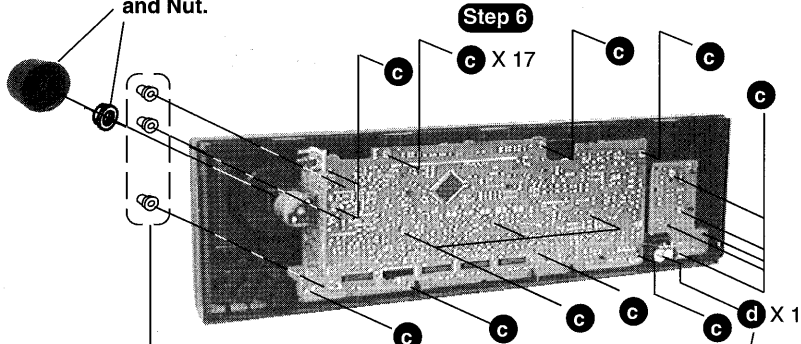
Remove the front panel in the direction of arrow.

Power Switch P.C.B.

b

Step 4

Remove the Volume Knob and Nut.



Step 6

c X 17

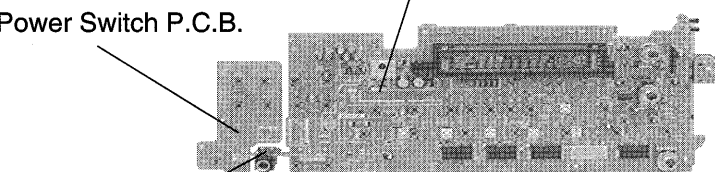
Step 5

Pull out 3 knobs.

Panel P.C.B.

Step 7

d X 1



Headphone Jack P.C.B.

Step 8

Pull out the Headphone Jack P.C.B.



c

[XTBS26+10J]



d

[RHD26016]

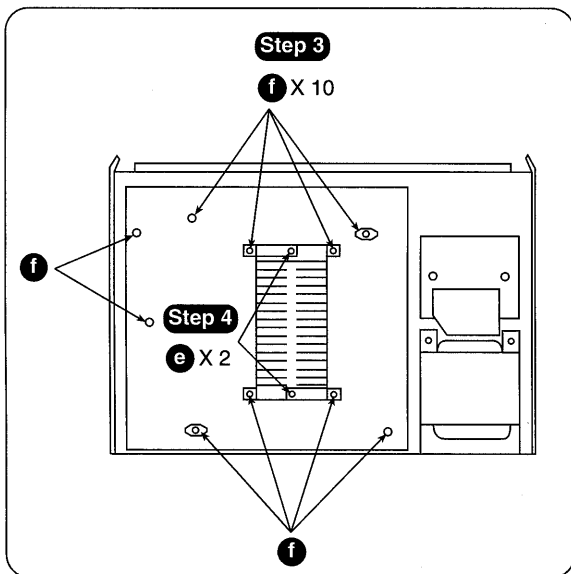
3. Checking of the MAIN P.C.B.

Step 1

Remove the top cabinet.

Step 2

Remove the front panel.



Step 3

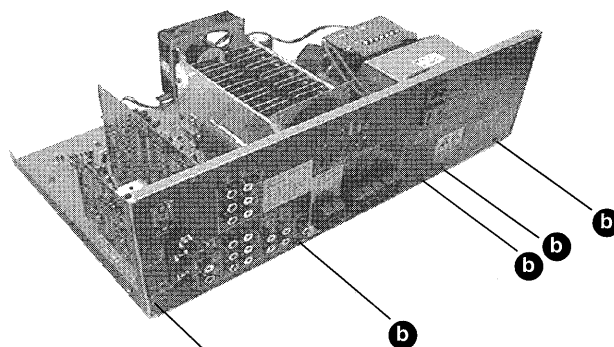
f X 10

Step 4

e X 2

Step 6

Release 2 catches and pull the rear panel in the direction of arrow 1 for about 10mm.
(Note : Main, Tuner and Pro Logic P.C.B. are attach to the rear panel)

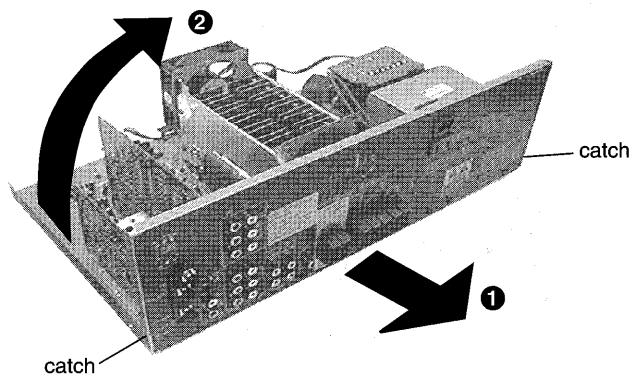


Step 5

b X 4

Step 7

Lift the rear panel in the direction of arrow 2.



Step 3
Connect the front panel to the main P.C.B. as shown.

• Check the Main P.C.B. as shown •

MAIN P.C.B. (Solder Side)

[XTB3+8FFZ] (Black) e

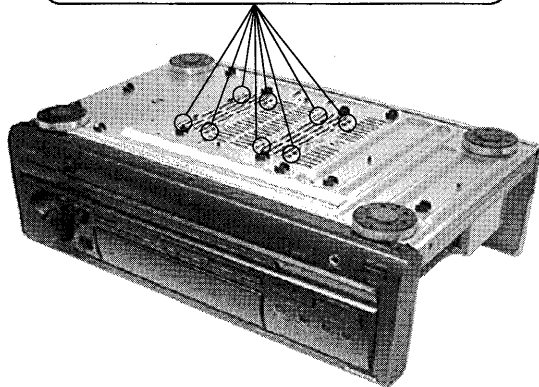
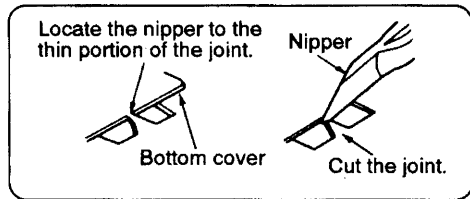
[XTB3+20JFZ] (Black) f

Main Component Replacement Procedures

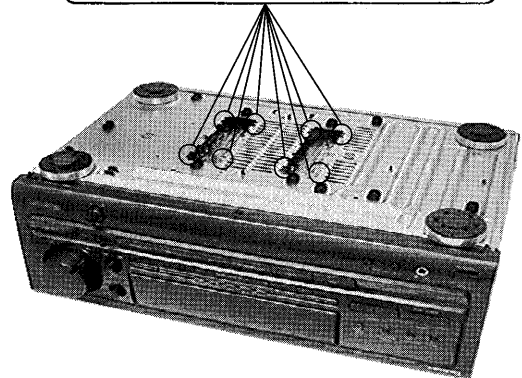
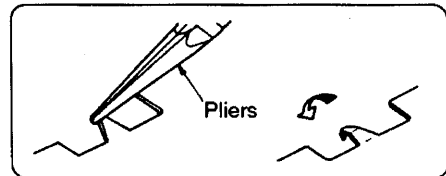
1. Replacement of the Power IC and Regulator Transistor

Step 1
Remove the top cabinet.

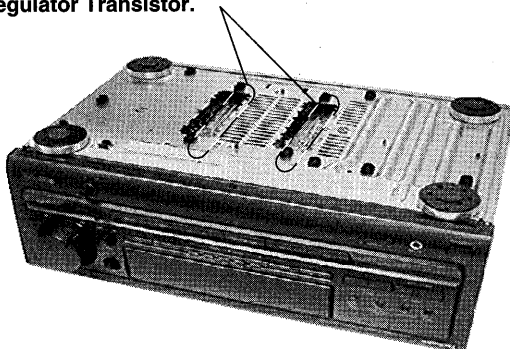
Step 2 Cut the joints as shown below. (6 joints)



Step 3 Fold the joints. (6 joints)



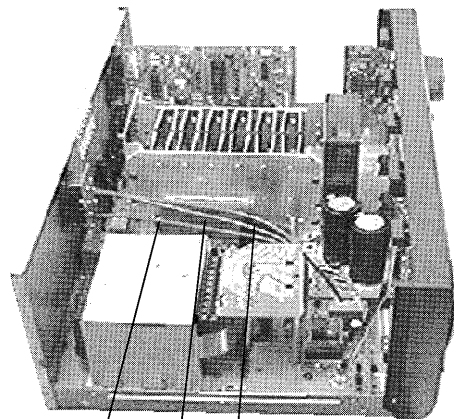
Step 4
Desolder the terminals of Power IC and Regulator Transistor.



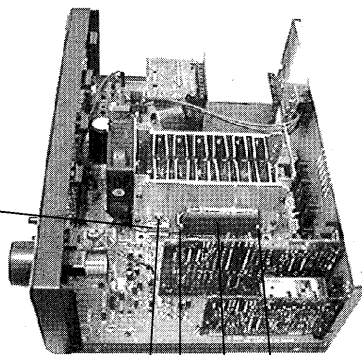
Step 5
g X 2

g

Power IC (IC601)
[RSN3305-P]



Regulator transistor
(Q701,Q708)
[2SD2374PQAU,2SB1548PQAU]



Step 5

g X 3



g

g

Power IC (IC602)
[RSN3305-P]

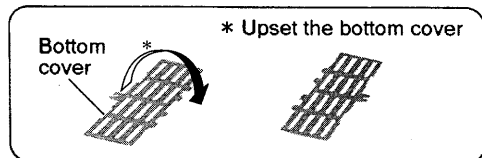


g

[XTW3+15T]

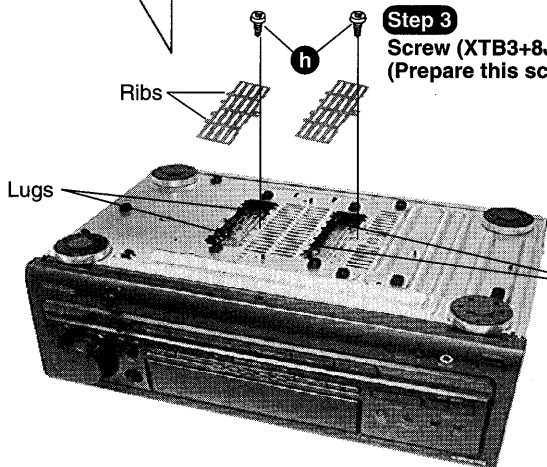
Installation of the bottom cover after replacement

Step 1



Bottom cover

* Upset the bottom cover



Ribs

Lugs

Step 3

Screw (XTB3+8J)
(Prepare this screw to fix the bottom cover.)

Step 2

Align the ribs of bottom cover into the lugs.



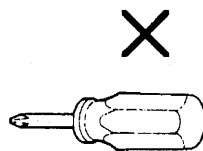
h

[XTB3+8J] (Black)

CAUTION

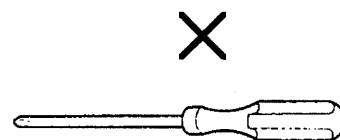
1. After replacing the power IC or regulator transistor, apply a sufficient quantity of compound grease (RFKX0002/SZZ0L15) between the heat sink and the power IC or regulator transistor (Radiation of power IC).
2. Tighten enough the screws (g) after replacing the power IC and regulator transistor. Otherwise, the heat radiation works little.
3. When installing or removing the power IC or transistor holder, be sure to use an offset screwdriver.

- A long straight screwdriver cannot be used for removing or mounting the screws since its long grip interferes with the neighbouring P.C.B. and transformer.(See Fig.1 & 3)
- A short straight screwdriver may be used for removal, but cannot be used for mounting because the limited space in the unit will not allow sufficient tightening torque.(See Fig.2 & 3)



A short straight screwdriver

Fig.2



A long straight screwdriver

Fig.1

- Insufficient tightening will cause poor heat dissipation from the power IC and regulator transistor and, in the worst case, may lead to their thermal breakdown.

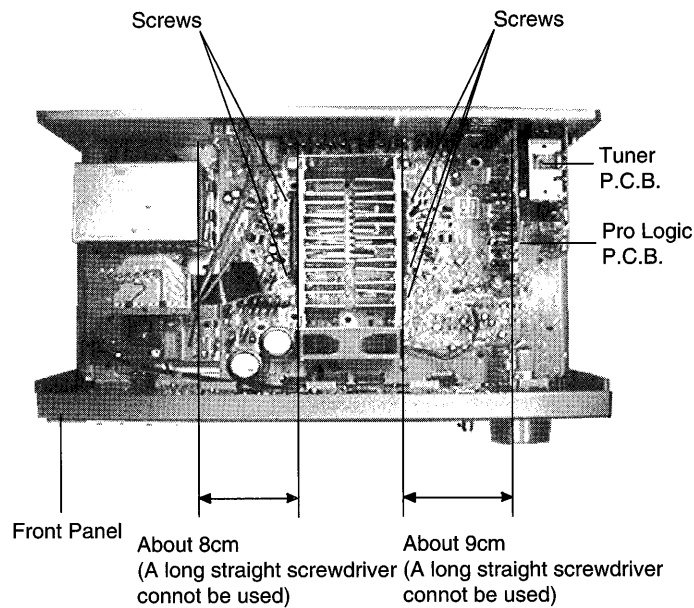
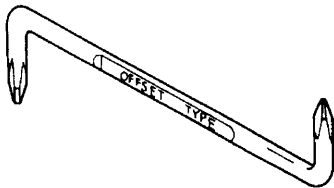


Fig.3

—OFFSET SCREWDRIVER—

•The PROTO offset screwdriver No.34-1/4 is recommended for use in the application above.



| | | |
|--------|-------|--------|
| No. | | |
| 34 1/4 | 1 & 2 | 4 3/4" |

•The address of PROTO International Sales is as follows.



International Sales

International Sales Office
Stanley-Proto Industrial Tools
14117 Industrial Park Blvd.
Covington, GA 30209 U.S.A.
Fax: 706-786-4387
Phone: 706-787-3800

Australia, New Zealand &
South Pacific
Stanley-Proto Industrial Tools
P.O.Box 10
400 Whitehorse Road
Nunawading 3131
Victoria, Australia
Fax: 61-3-894-1173
Phone: 61-3-878-9244

Singapore, Indonesia,
Philippines, Korea, Hong
Kong, Malaysia, China.
Stanley-Proto Asia Pacific
12 Gul Drive
Singapore 2262
Fax: 65-861-3206
Phone: 65-862-0883

Thailand
Stanley-Proto Thailand Ltd.
1017 Moo 13 Bangkaew
Amphur Bangplee
Samutprakarn, Thailand
Fax: 66-2-316-6071
Phone: 66-2-316-8655

Japan
Stanley Works Japan
2-7-16 Hyakunin-Cho
Shinjuku-ku
Tokyo 160 Japan
Fax: 81-3-3360-8456
Phone: 81-3-3360-8458

Mexico
Herramientas Stanley S.A.
DE C.V.
Apartado Postal 675
72030 Puebla, Pue, Mexico
Fax: 52-22-494-4880
Phone: 52-22-495-300

South & Central America,
Puerto Rico, The Caribbean
Stanley Inter-America
2101 N.W. 84th Ave.
Miami, Florida 33122
Fax: 305-594-4261
Phone: 305-591-3828

Europe
Stanley-Proto Europe
Woodside, Sheffield
539PD
England
Fax: 44-742-739-038
Phone: 44-742-768-888

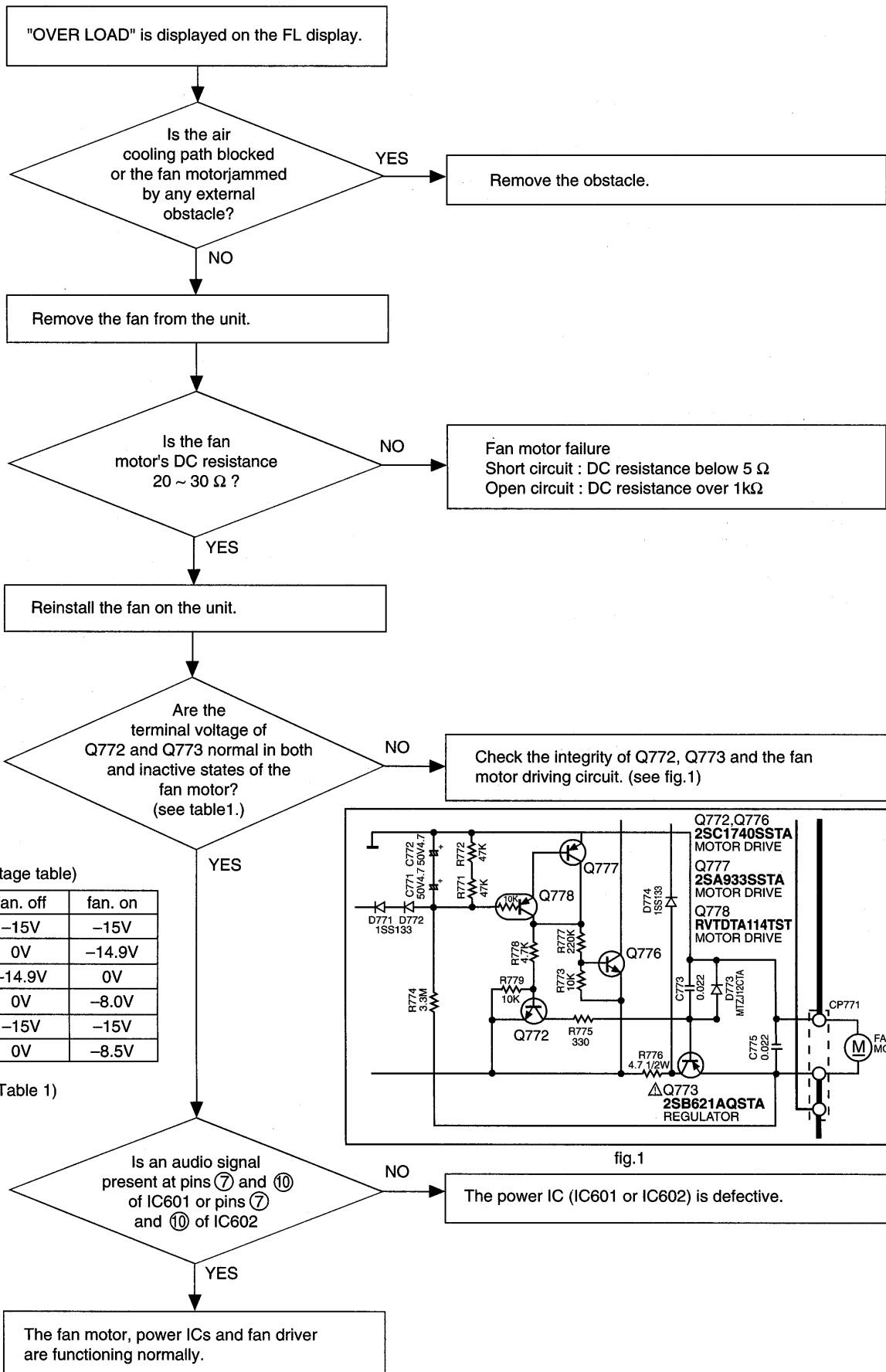
Canada
Stanley-Proto Canada
1100 Corporate Drive
Burlington, Ontario
Canada, L7L 5R6
Fax: 416-335-0075
Phone: 416-335-0075

Middel East, Mediterranean
& Africa
Stanley-MEMA
Cory House The Ring
Bracknell Berkshire
RG 12 1A2
England
Fax: 44-344-485-526
Phone: 44-344-51813

Fan Motor Troubleshooting

The Model SA-EX500 employ fan motor error sensing electronics.

If the cooling fan is not operating and "OVER LOAD" is displayed on the FL display, check the fan motor and its driving circuit.



(Voltage table)

| | | fan. off | fan. on |
|------|---|----------|---------|
| Q772 | E | -15V | -15V |
| | C | 0V | -14.9V |
| | B | -14.9V | 0V |
| Q773 | E | 0V | -8.0V |
| | C | -15V | -15V |
| | B | 0V | -8.5V |

(Table 1)

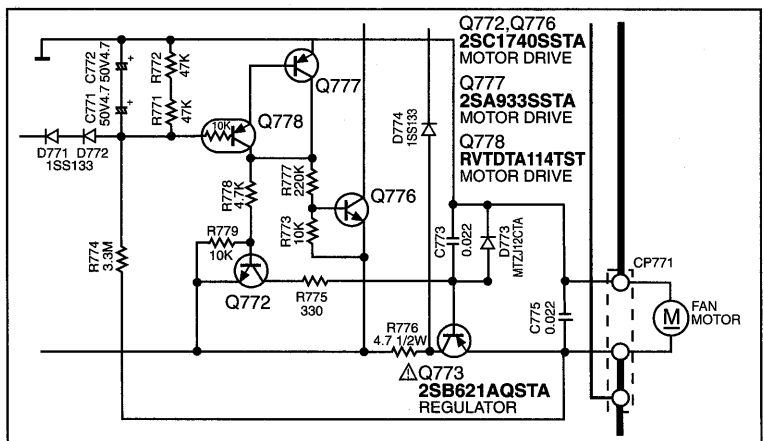


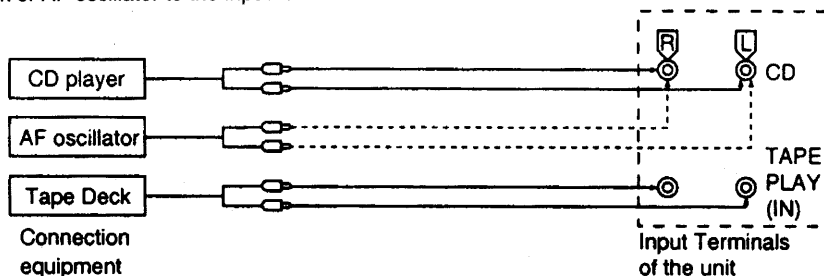
fig.1

Troubleshooting

This unit has test points on each circuit board block for use in troubleshooting.

CONNECTION

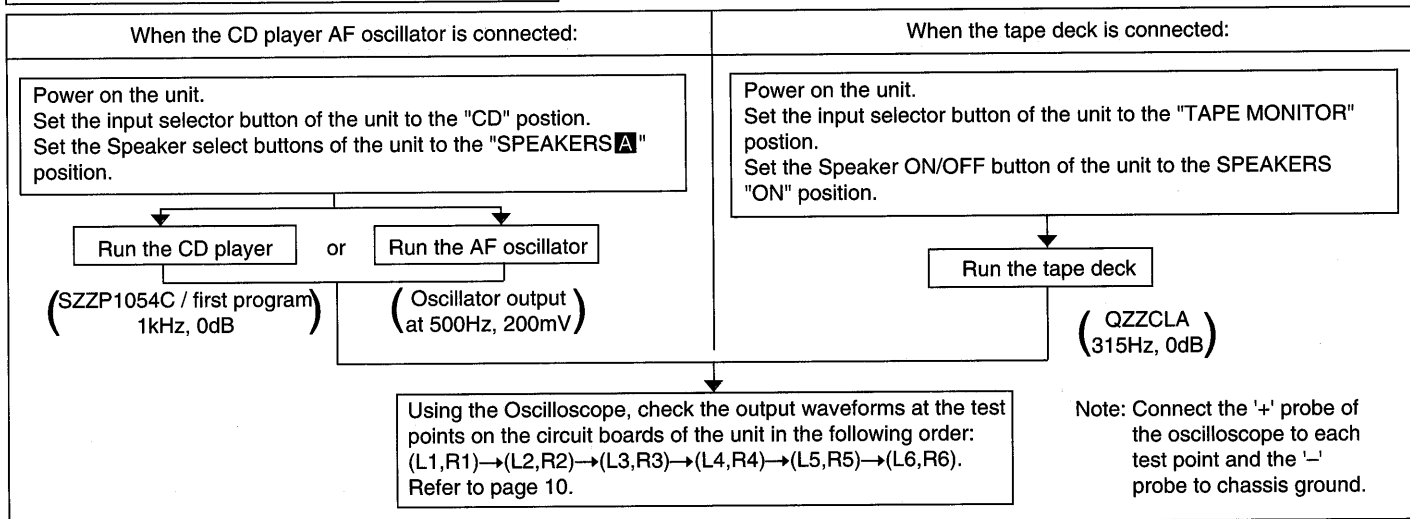
Connect either a CD player, tape deck or AF oscillator to the input terminals of the unit.



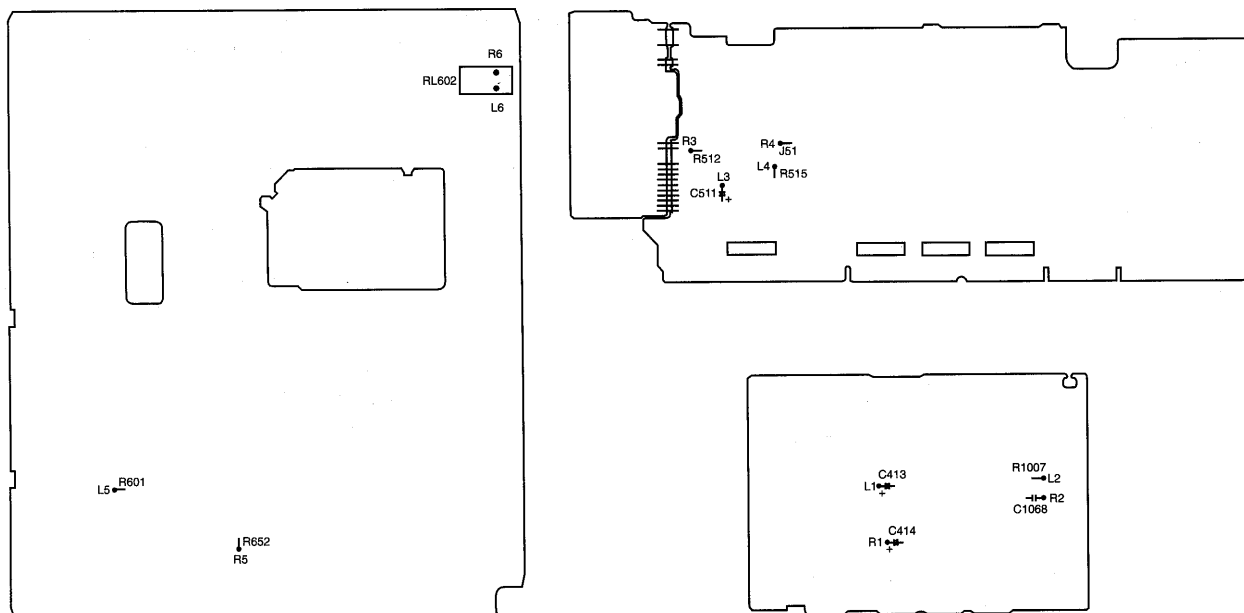
REQUIRED ITEMS

1. Testing with a CD player ——— Test disc (SZZP1054C / first program, 1kHz, 0dB)
2. Testing with a tape deck ——— Test tape (QZZCLA / 315Hz, 0dB)
3. Testing with a AF oscillator ——— Set the output at 500Hz, 200mV
4. Oscilloscope (min. 10MHz) - - - - - To measure the output waveform at the test points.

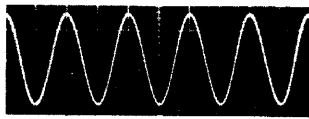
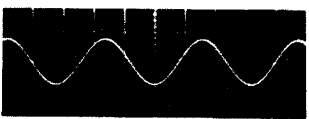
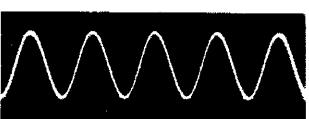
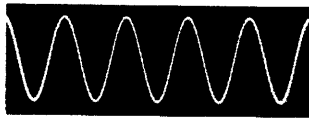
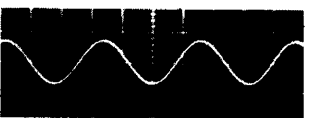

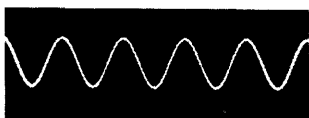


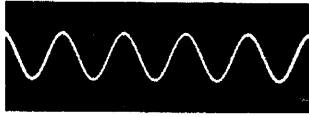
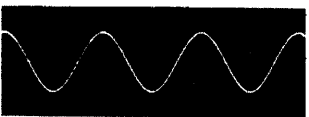
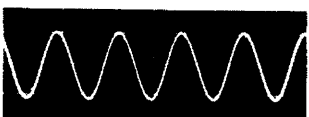
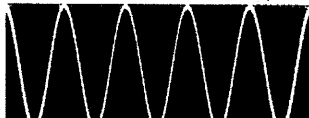
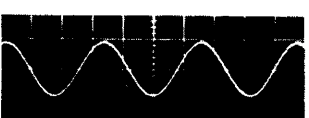

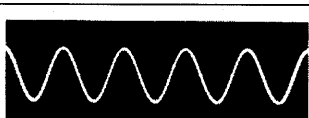
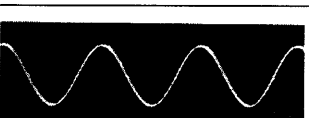
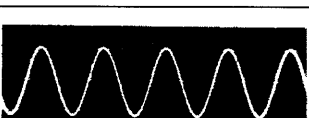
TEST PROCEDURE FOR AMPLIFIER CIRCUIT





TEST POINTS POSITIONS OF AMPLIFIER CIRCUIT



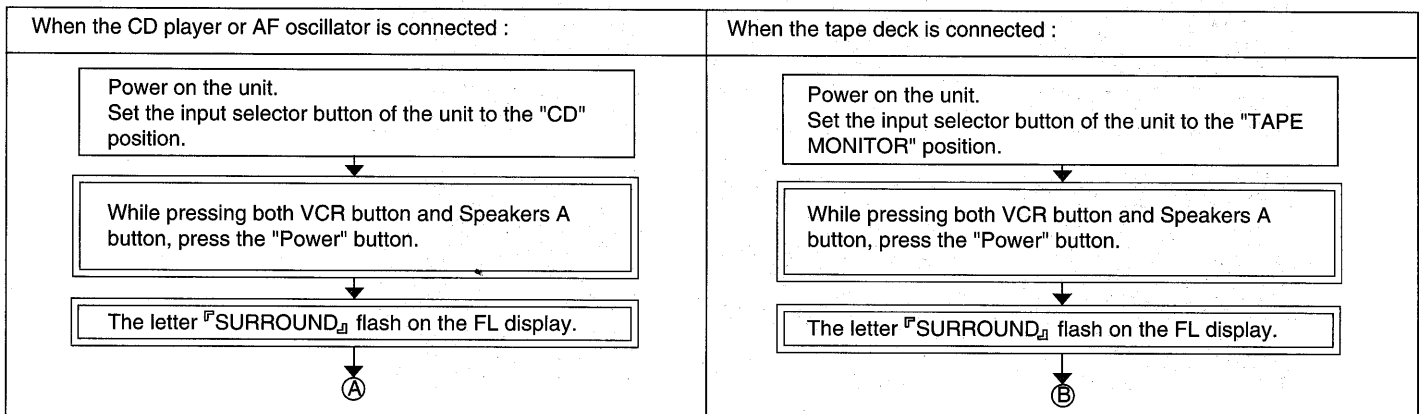
NORMAL WAVEFORMS OF AMPLIFIER CIRCUIT AND LIKELY FAULTY BLOCKS

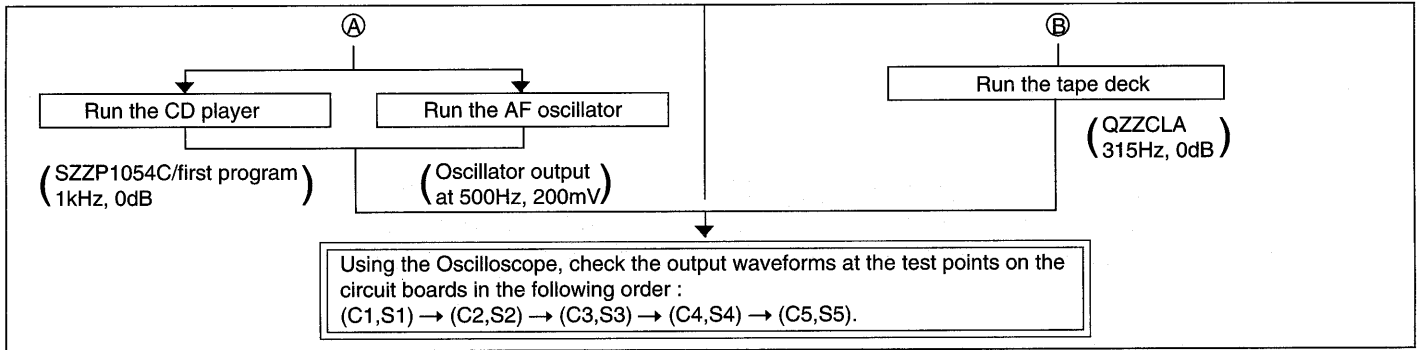
| TP | CD player | Tape deck | AF oscillator | Likely faulty block if the normal waveform shown at the left is not present. |
|-------|---|--|---|--|
| L1/R1 |  0.5msec 2V |  1msec 500mV |  1msec 500mV | Input selector block IC402 & area |
| L2/R2 |  0.5msec 2V |  1msec 500mV |  1msec 500mV | Dolby pro logic block IC1001 and IC1002 & area |
| L3/R3 |  0.5msec 500mV |  1msec 50mV |  1msec 100mV | Master volume block VR501 & area |
| L4/R4 |  0.5msec 500mV |  1msec 1V |  1msec 1V | Tone control block IC511 & area |
| L5/R5 |  0.5msec 100mV* |  1msec 500mV |  1msec 500mV | Power limiter block Q581 to Q584 & area |
| L6/R6 |  0.5msec 5V* |  1msec 10V |  1msec 10V | Main amplifier block IC601 & area |

Measurement conditions. Volume control (VR501), Treble control (VR512) and Bass control (VR511) positions : 
 *Volume control position (VR501) for these test : 

CHECKING PROCEDURE FOR SURROUND CIRCUIT

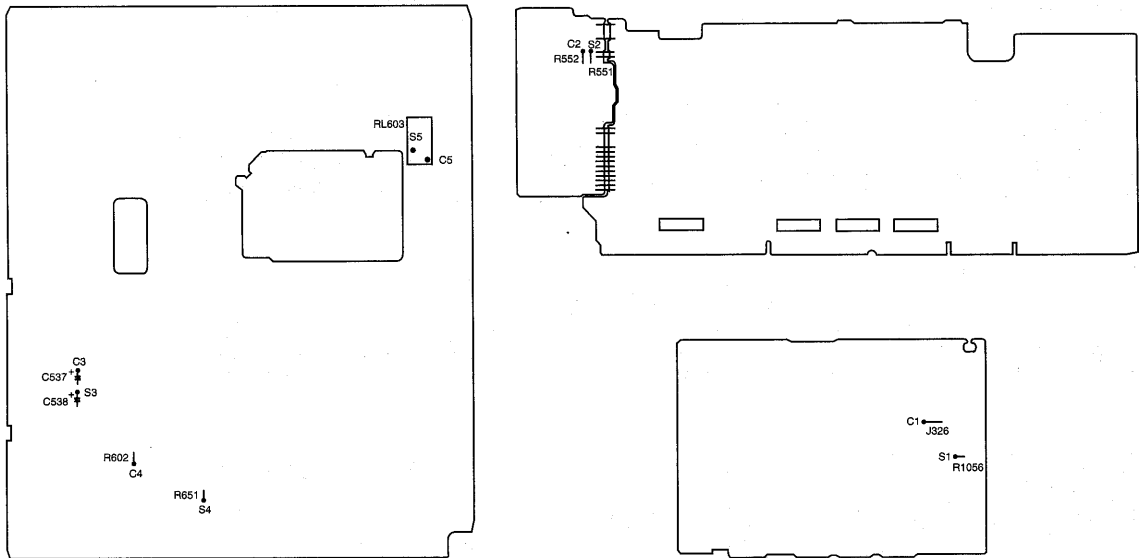
Outputting surround signal normally requires that opposite phase signals be applied to both the left and right channels. However, this unit incorporates a service mode, allowing the surround circuit to be tested using in-phase signals.





• To exit the service mode, power off the unit.

TEST POINTS POSITIONS OF SOURROUND CIRCUIT



NORMAL WAVEFORMS OF AMPLIFIER CIRCUIT AND LIKELY FAULTY BLOCKS

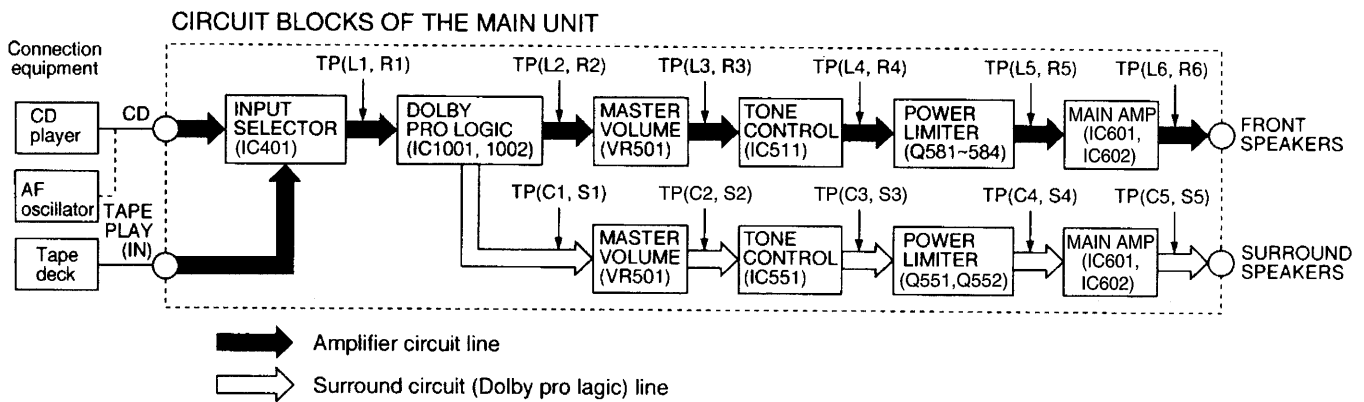
| TP | CD player | Tape deck | AF oscillator | Likely faulty block if the normal waveform shown at the left is not present. |
|----------|--------------------|-----------------|-----------------|--|
| C1 S1 | 0.5msec 1V | 1msec 100mV | 1msec 200mV | Dolby pro logic block IC1001 and IC1002 & area |
| C2 S2 | 0.5msec 200mV | 1msec 20mV | 1msec 50mV | Master volume block VR501 & area |
| C3 S3 | 0.5msec 200mV* | 1msec 500mV | 1msec 1V | Tone control block IC551 & area |

NORMAL WAVEFORMS OF AMPLIFIER CIRCUIT AND LIKELY FAULTY BLOCKS

| TP | CD player | Tape deck | AF oscillator | Likely faulty block if the normal waveform shown at the left is not present. |
|----------|-----------|-----------|---------------|--|
| C4 S4 | | | | Power limiter block Q551 to Q552 & area |
| C5 S5 | | | | Main amplifier block IC601, IC602 & area |

Measurement conditions. Volume control (VR501), Tremble control (VR512) and Bass control (VR511) positions: :
 *Volume control position (VR501) for these test :

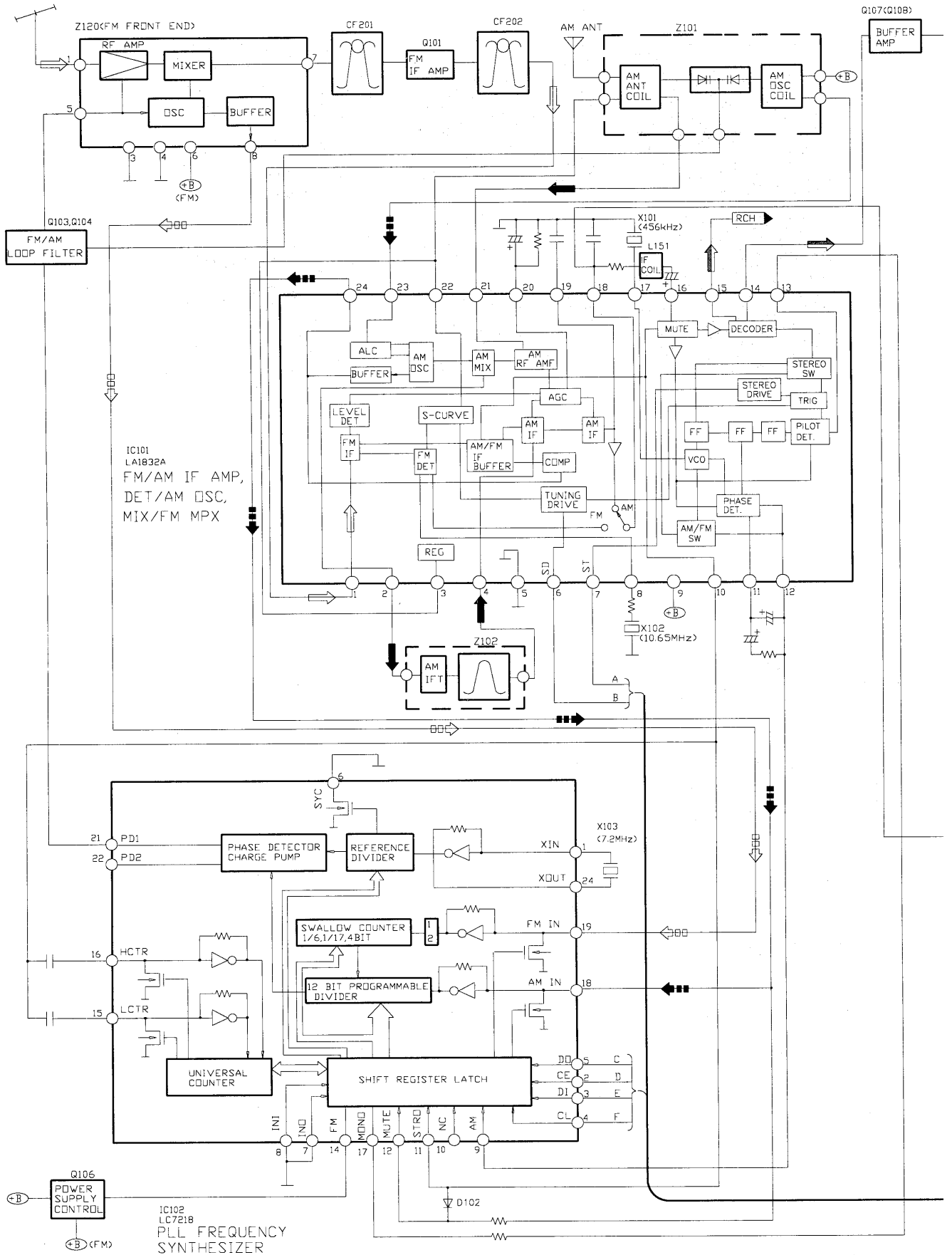
CIRCUIT BLOCKS

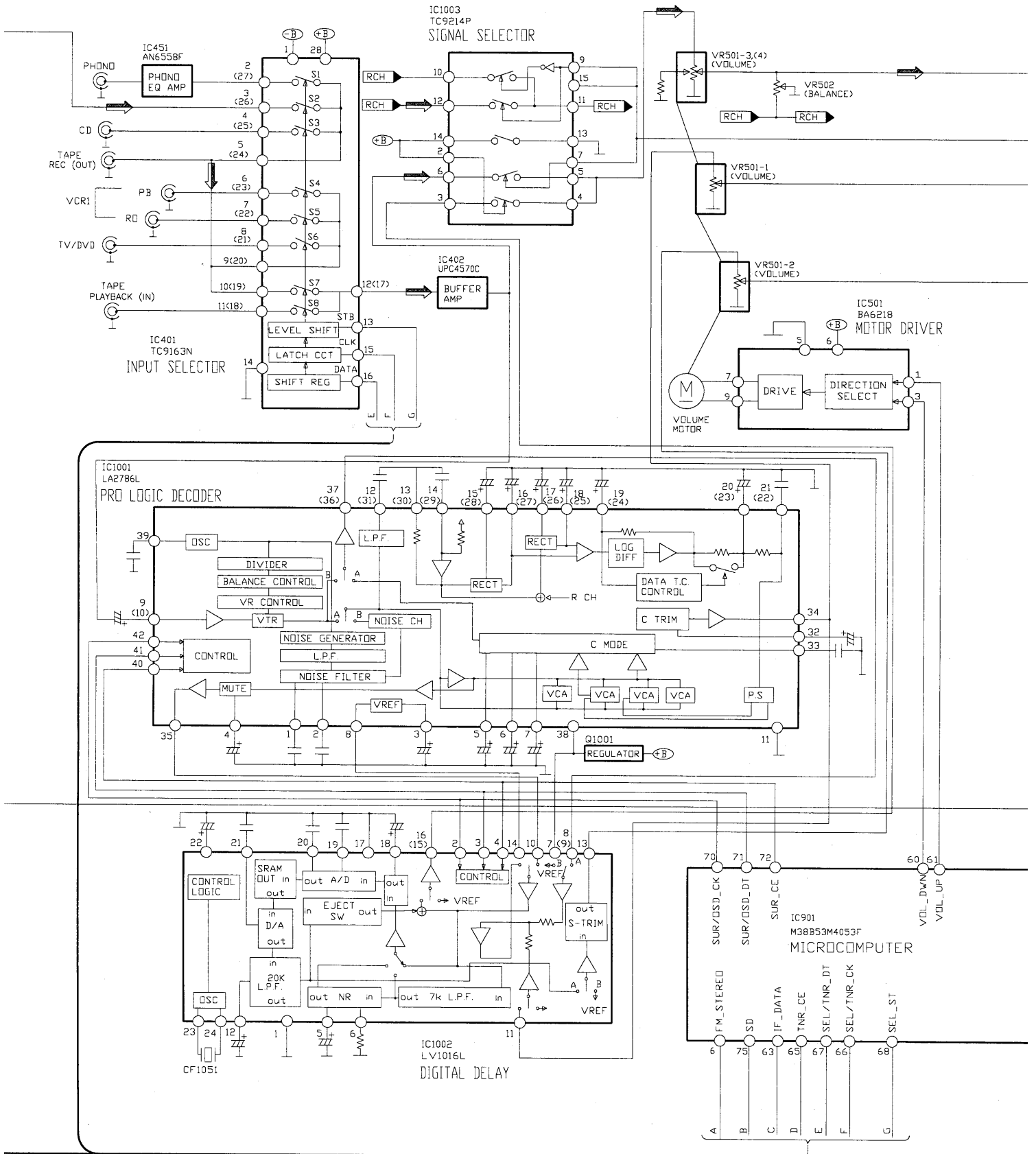


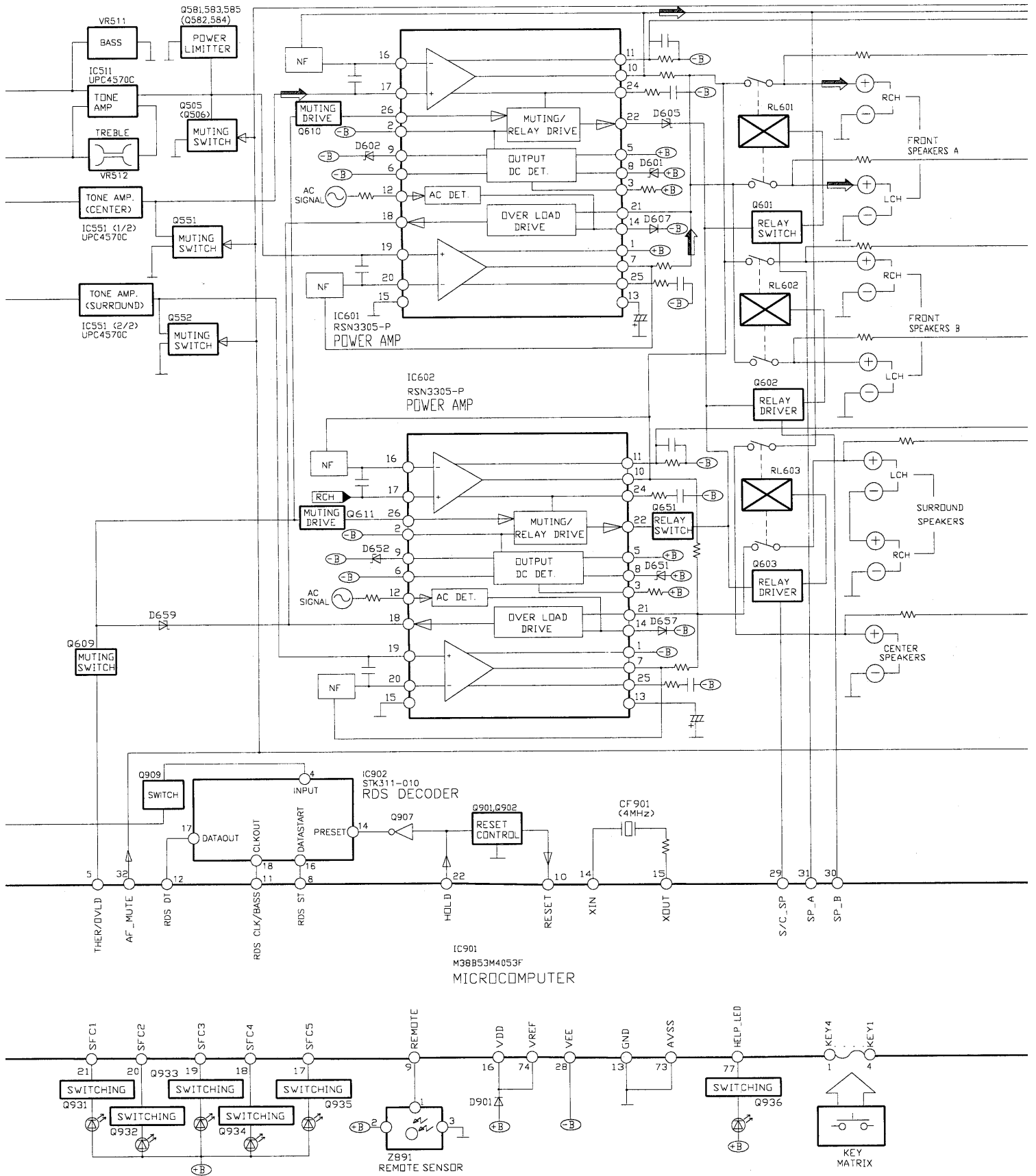
OVERLOAD DETECTION FUNCTION

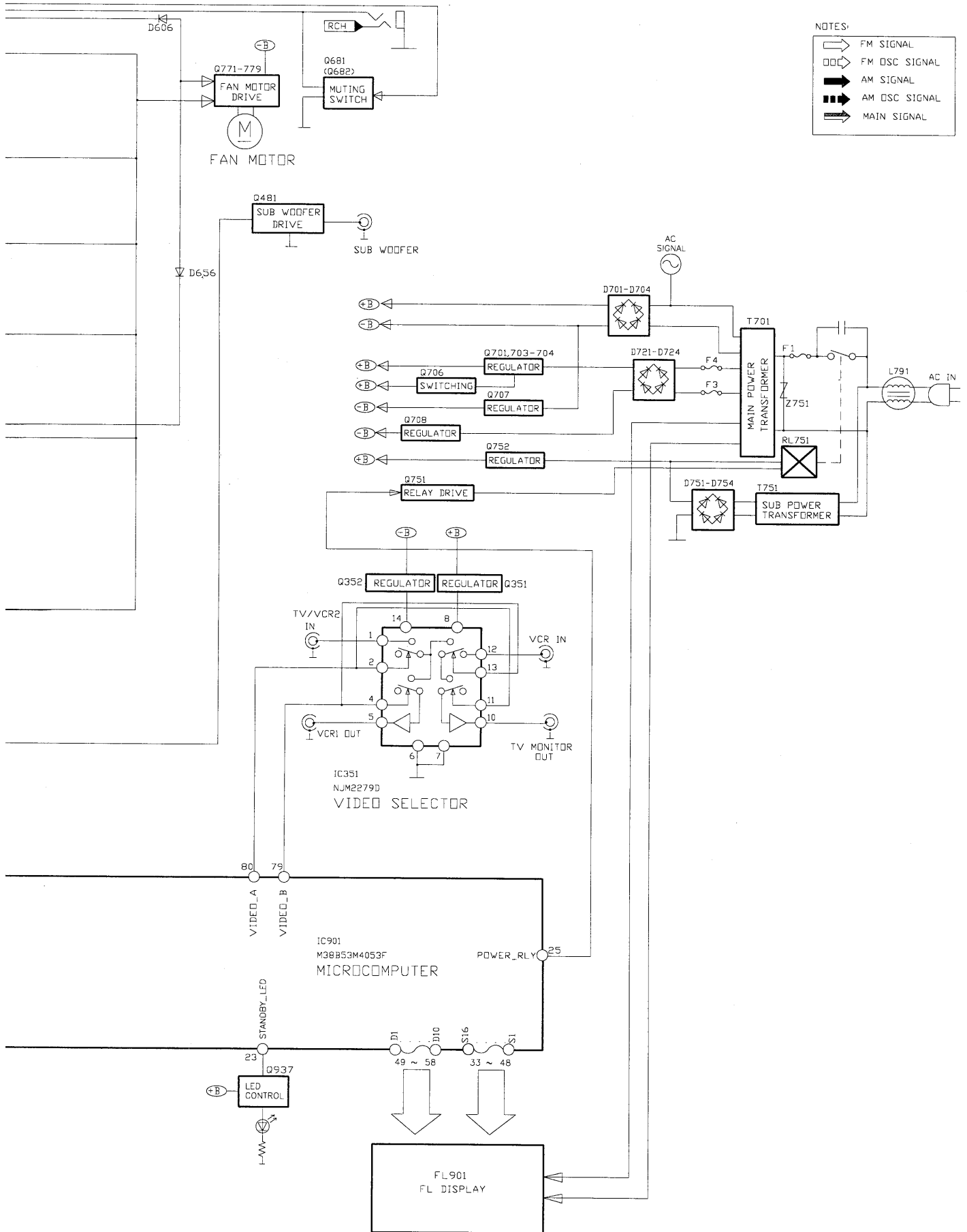
The HIC protection circuit functions if any cord at a speaker terminal is short-circuited or if the unit overheats because of improper operation. At the same time, 『OVERLOAD』 scrolls across the FL display.
 In this state, all keys remain in operative; if any key is pressed, 『SWITCH OFF POWER』 scrolls across the FL display.
 If an overload occurs, immediately power off the unit and check the speaker connection, venting holes and cooling fans. After fixing any faults, power on the unit again and check for proper operation.
 If no defects are found, or if the unit remains overload after it is power on again, check the circuit for faults.

■ Block Diagram









- NOTES:
- FM SIGNAL
 - FM DSC SIGNAL
 - AM SIGNAL
 - AM DSC SIGNAL
 - MAIN SIGNAL

Terminal Functions Of ICs

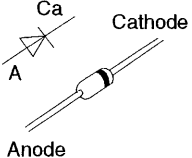
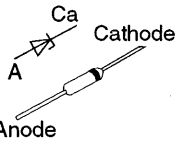
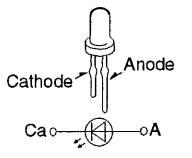
• IC901 (M38B53M4053F) System Microprocessor

| Pin No. | Mark | I/O | Function |
|---------|-------------|-----|--|
| 1~4 | KEY4~KEY1 | I | Key matrix detect terminal |
| 5 | THERM/OVLD | I | Thermal/Over load detect terminal |
| 6 | FM_ST | I | Stereo signal detect terminal |
| 7 | 6CH_ST | - | Not used |
| 8 | RDS_ST | - | Not used |
| 9 | REMOTE | I | Remote control terminal |
| 10 | RESET | I | Reset detect terminal |
| 11 | RDS_CK | - | Not used |
| 12 | RDS_DT | - | Not used |
| 13 | GND | - | GND terminal |
| 14 | XIN | I | Crystal oscillator terminal |
| 15 | XOUT | O | (4 MHz) |
| 16 | VDD | I | Power supply terminal |
| 17~21 | SFC5~SFC1 | O | SFC LED indicator output |
| 22 | HOLD | I | Power trip detection input |
| 23 | STANDBY_LED | - | Not used |
| 24 | FAN_STOP | - | Not used |
| 25 | RLY | O | Power relay control output |
| 26 | TV/DVD | I | TV/DVD select control input |
| 27 | LIMITTER | O | Power limiter control output |
| 28 | VEE | I | FL driver pull down voltage |
| 29 | S/C_SP | O | Surround/center speaker control output |
| 30 | SP_B | O | Speaker B control output |
| 31 | SP_A | O | Speaker A control output |
| 32 | AF_MUTE | O | Muting control output |

| Pin No. | Mark | I/O | Function |
|---------|-------------|-----|---|
| 33~48 | SEG16~SEG1 | O | FL segment signal output |
| 49~58 | DEG1~DEG10 | O | FL digit signal output |
| 59 | INIT_IN | I | Diode input |
| 60 | VOL_DOWN | O | Rotate control terminal of volume motor |
| 61 | VOL_UP | O | |
| 62 | LOUDNESS | - | Not used |
| 63 | IF_DATA | I | Serial data signal |
| 64 | REC_MUTE | - | Not used |
| 65 | TNR_CE | O | Chip enable signal |
| 66 | SEL/TNR_CK | O | Serial clock signal |
| 67 | SEL/TNR_DT | O | Serial data signal |
| 68 | SEL_ST | O | Level shift control terminal |
| 69 | OSD_ST | - | Not used |
| 70 | SURR/OSD_CK | O | Serial clock signal |
| 71 | SURR/OSD_DT | O | Serial data signal |
| 72 | SURR_CE | O | Chip enable signal |
| 73 | AVSS | - | GND for A-D converter |
| 74 | VREF | I | Reference voltage for A-D conversion |
| 75 | SD | I | SD signal detect input |
| 76 | AC3_LED | - | Not used |
| 77 | HELP_LED | O | LED drive signal (HELP) |
| 78 | VIDEO_DET | - | Not used |
| 79 | VIDEO_B | O | Video selector control output B |
| 80 | VIDEO_A | O | Video selector control output A |

Terminal Guide of ICs, Transistors and Diodes

| | | | | | |
|--|--|--|----------------|--|------------------------------------|
| <p>LA1832A LC7218</p> | <p>NJM2279D</p> | <p>TC9163AN 28Pin</p> | <p>TC9214P</p> | <p>AN6558F UPC4570C</p> | <p>BA6218</p> |
| <p>RSN3305-P</p> | <p>M38B53M4053F 80 Pin</p> | <p>LA2786L 42Pin</p> | <p>LV1016L</p> | <p>STK311-010</p> | <p>2SB1548PQAU 2SD2374PQAU</p> |
| <p>2SD592AQSTA 2SB621AQSTA 2SA1534AQRTA 2SC3940AQSTA</p> | <p>2SA933SSTA 2SC1740SSTA RVTDTC114TST</p> | <p>RVTDTA113ZST RVTDTC114EST RVTDTA114EST RVTDTC143XST RVTDTA114TST RVTDTC114YST RVTDTA114YST RVTDTA143XST</p> | | <p>2SC2787LTA 2SC2785FETA 2SC3311ARTA 2SD1915FTA</p> | <p>1N5402BM21 SB360L6508</p> |

| | | | | |
|---|---|---|---|---|
|  | RVD1SS133TA 1SR35200TB 1SS291TA MA167ATA MA700ATA MA165TA MA723TA |  | MTZJ5R1BTA MTZJ5R6BTA MTZJ7R5CTA MTZJ3R0ATA MTZJ6R2BTA MTZJ15CTA | MTZJ6R8BTA MTZJ4R7BTA MTZJ3R9ATA MTZJ10CTA MTZJ27DTA MTZJ9R1CTA SLR342DC  |
|---|---|---|---|---|









■ Schematic Diagram

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

Note :

| | | | | | |
|--------|---|---------------------------|---------------------|---|------------------------------------|
| • S946 | : | Power switch | • S964 | : | VCR select switch |
| • S947 | : | Phono select switch | • S970 | : | Search switch |
| • S948 | : | Muting switch | • S971 | : | EON switch |
| • S950 | : | FM Auto/ Mono switch | • S972 | : | PTY up switch |
| • S951 | : | Band select switch | • S973 | : | PTY down switch |
| • S952 | : | Tuning decrease switch | • S974 | : | Display switch |
| • S953 | : | Tuning increase switch | • S980 | : | Speakers A switch |
| • S955 | : | Memory manual/auto switch | • S981 | : | Speakers B switch |
| • S956 | : | Preset decrease switch | • S983 | : | Dolby Pro Logic/SFC off on switch |
| • S957 | : | Preset increase switch | • S984 | : | Dolby Pro Logic mode select switch |
| • S958 | : | Help switch | • S985 | : | Center mode select switch |
| • S960 | : | Tuner select switch | • VR501-1 ~ VR501-4 | : | Volume control |
| • S961 | : | CD select switch | • VR502 | : | Balance control |
| • S962 | : | Tape select switch | • VR511-1 ~ VR511-2 | : | Bass control |
| • S963 | : | TV/DVD select switch | • VR512-1 ~ VR512-2 | : | Treble control |

• Signal line

| | | | | | |
|---|--------------------|---|----------------------|---|----------------------|
|  | : +B line |  | : AM signal line |  | : FM signal line |
|  | : Main signal line |  | : AM OSC signal line |  | : FM OSC signal line |
|  | : -B line |  | : FM/AM signal line | | |


•The voltage value and waveforms are the reference voltage of this unit measured by DC electronic voltmeter (high impedance) and oscilloscope on the basis of chassis.

Accordingly, there may arise some error in voltage values and waveforms depending upon the internal impedance of the tester or the measuring unit.

() AM

< > FM

•Importance safety notice:

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

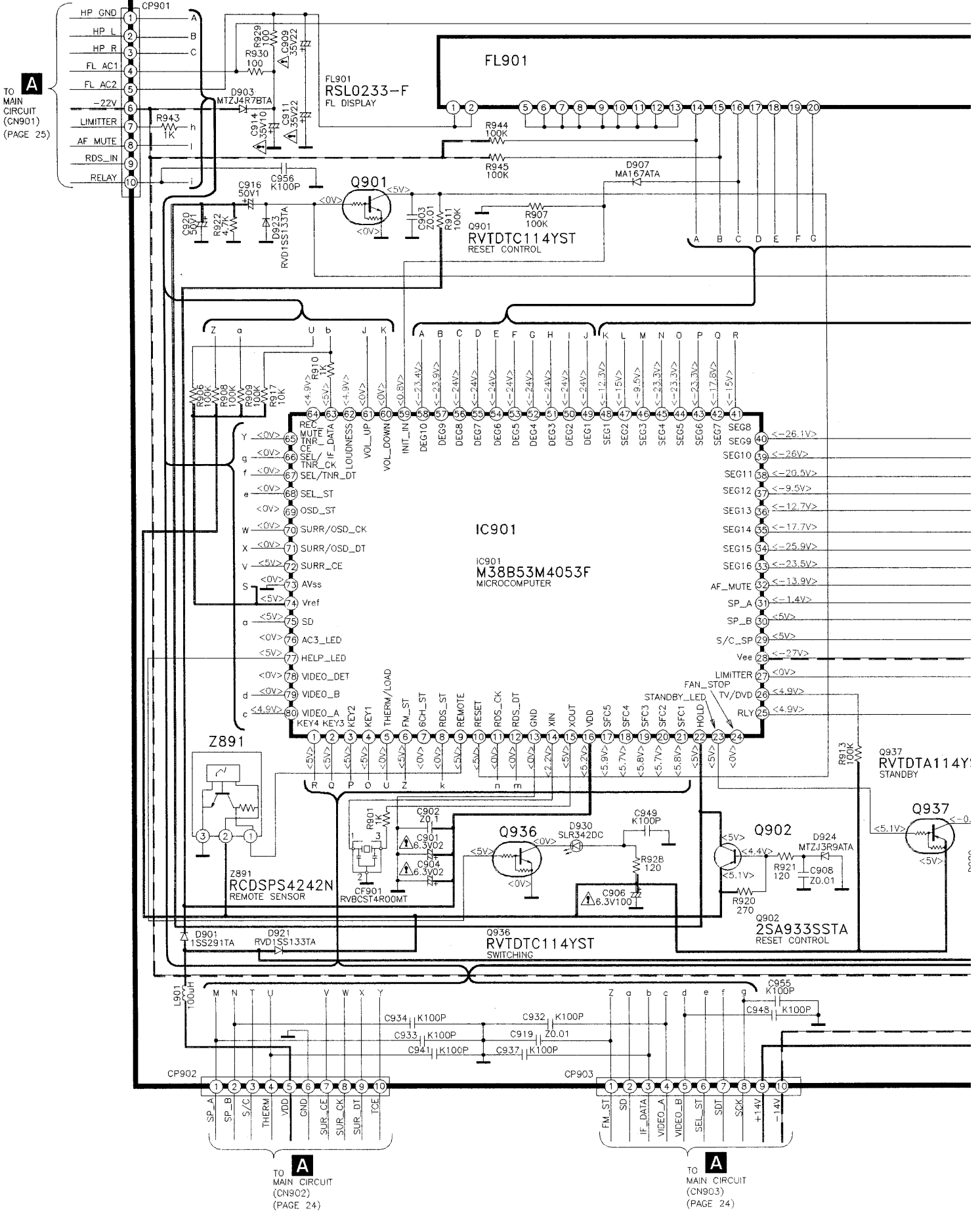
Caution !

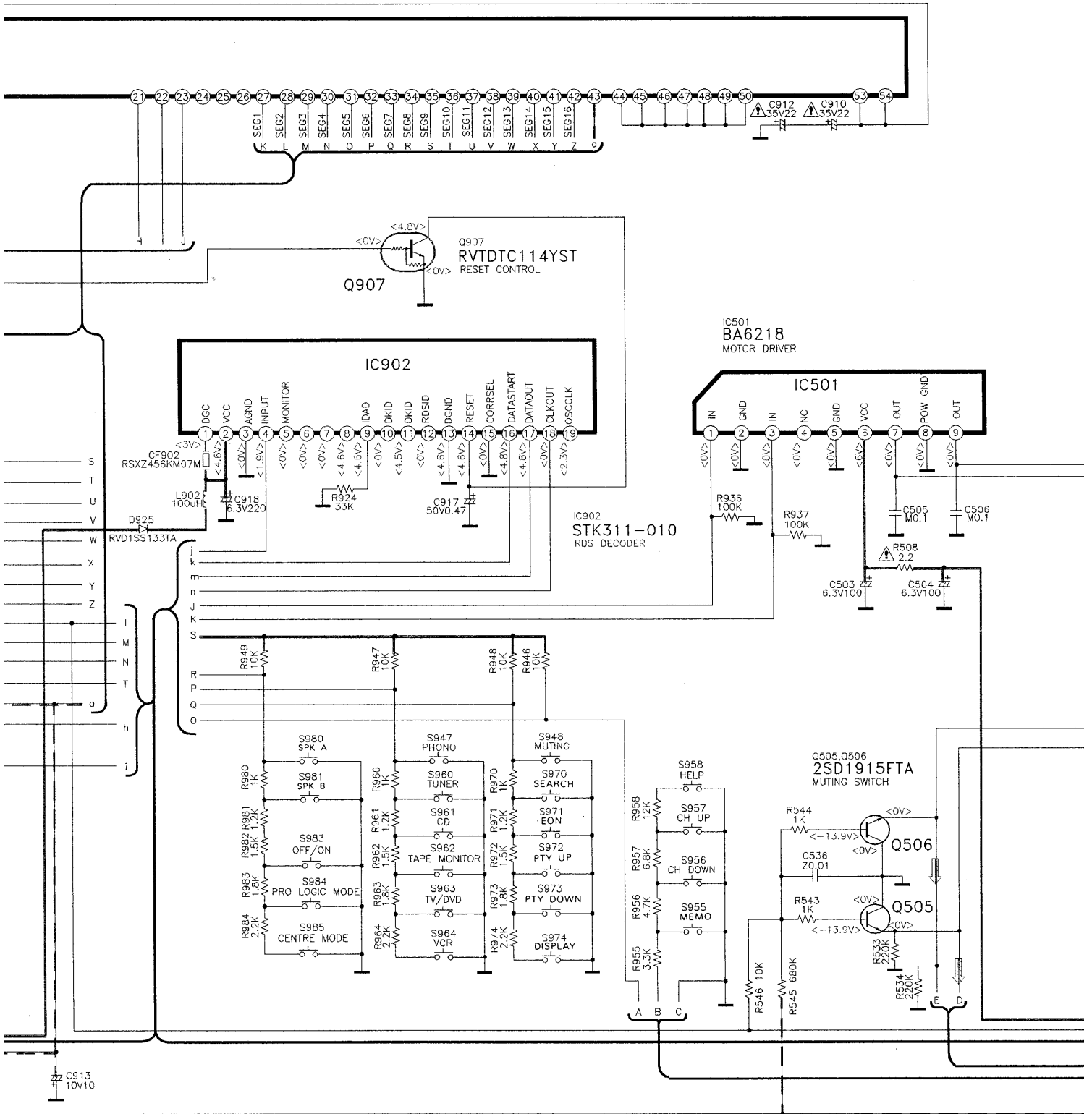
IC, LSI and VLSI are sensitive to static electricity.

Secondary trouble can be prevented by taking care during repair.

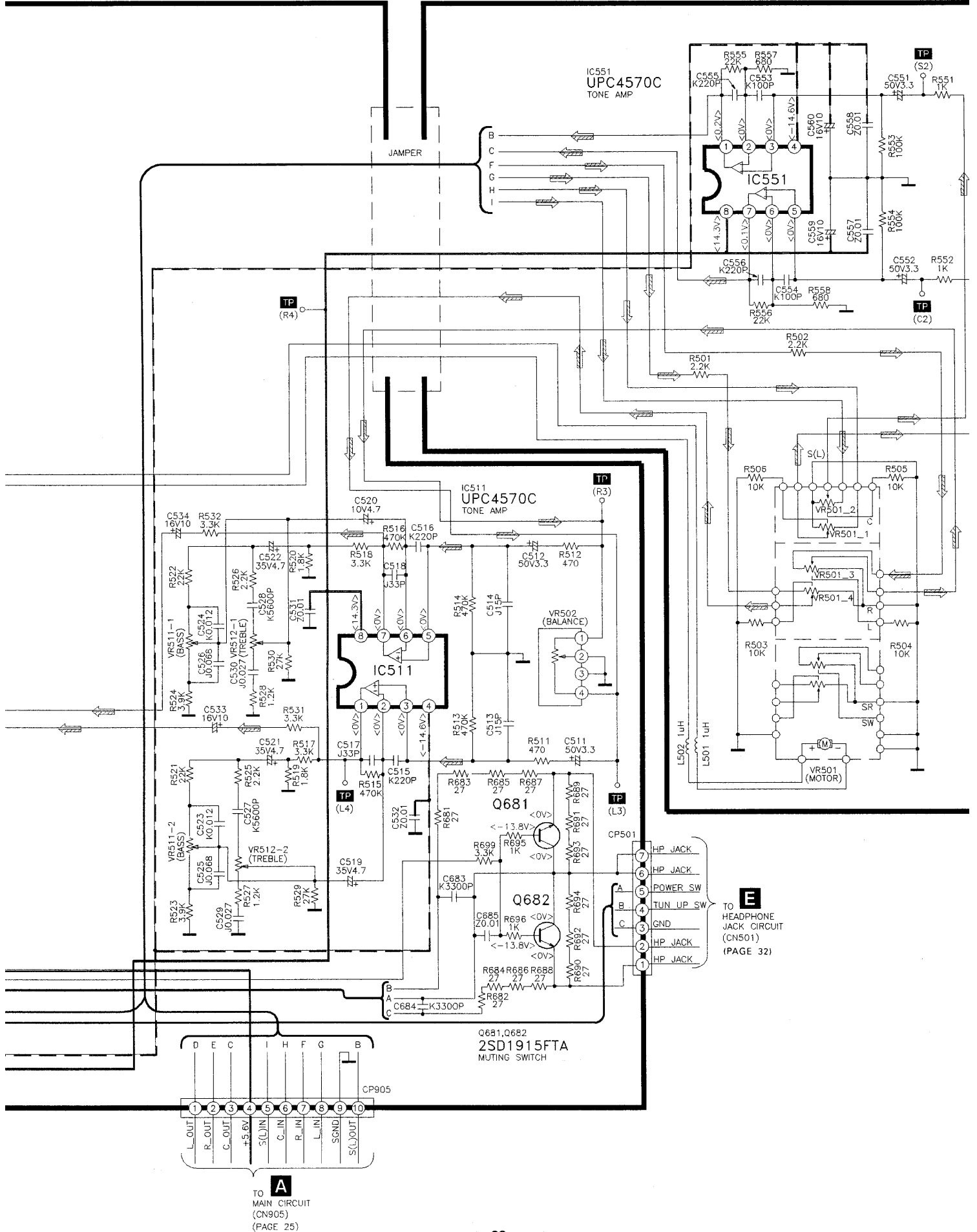
- Cover the parts boxes made of plastics with aluminium foil.
- Ground the soldering iron.
- Do not touch the pins of IC, LSI or VLSI with fingers directly.
- Put a conductive mat on the work table.

B PANEL CIRCUIT

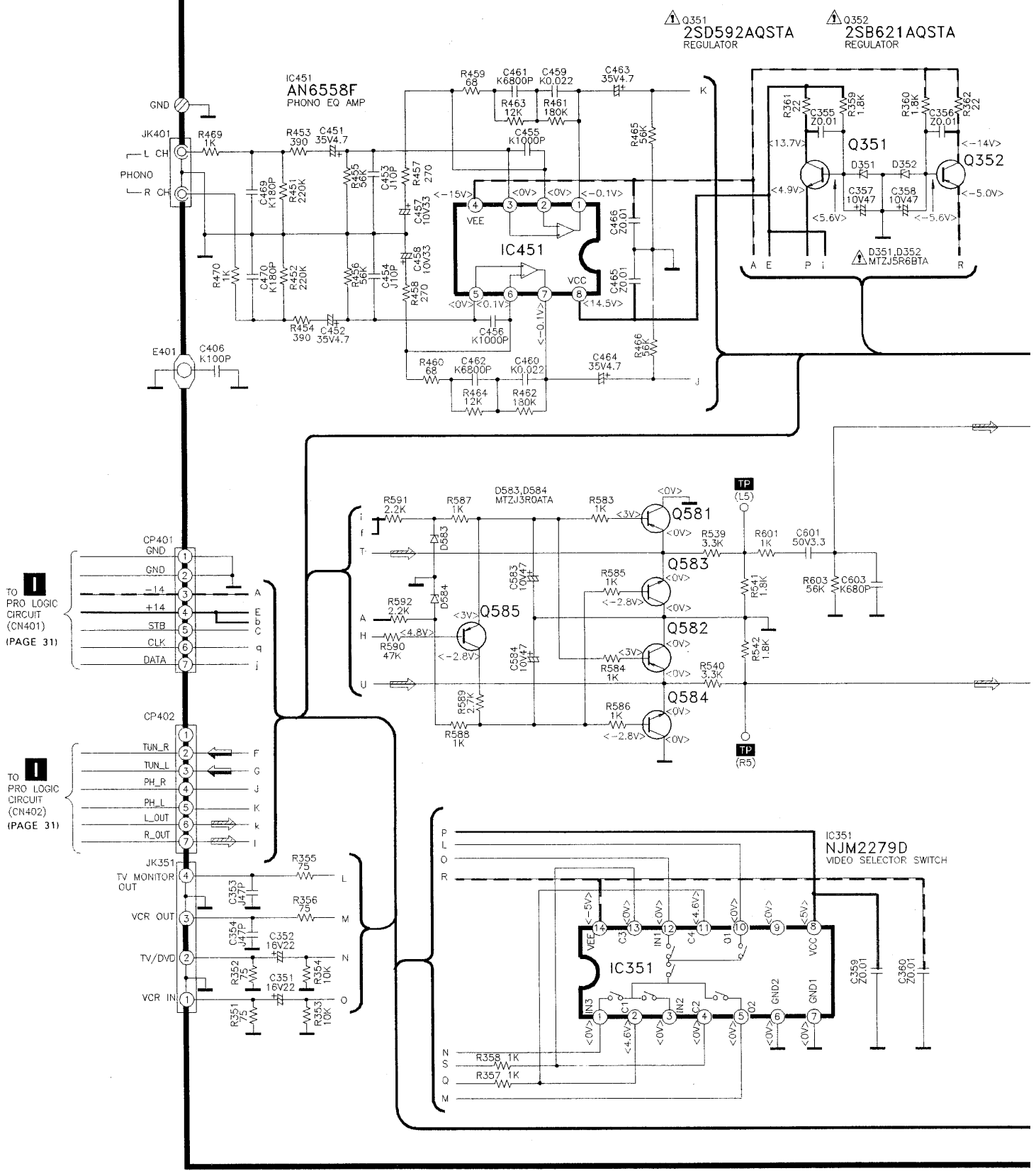


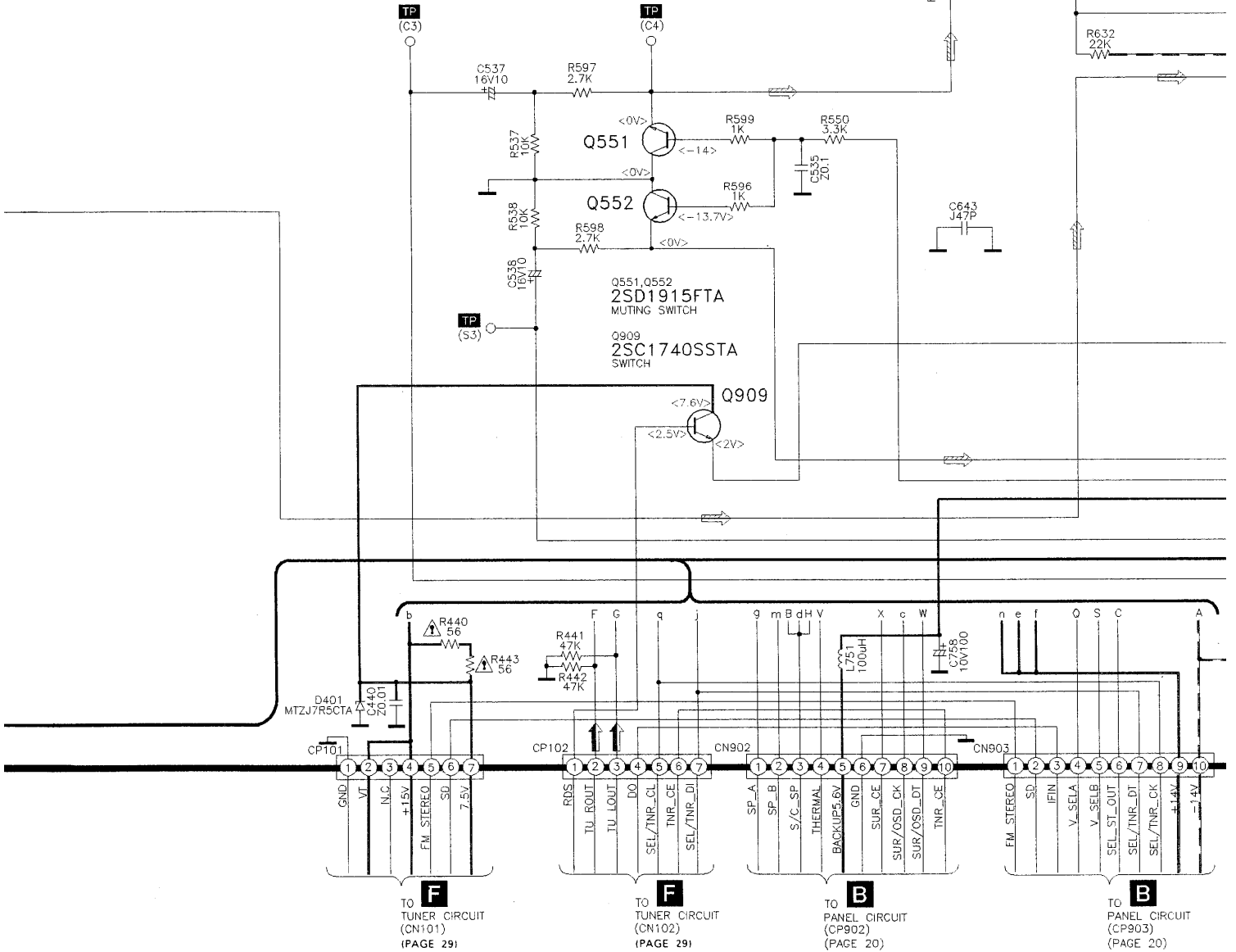
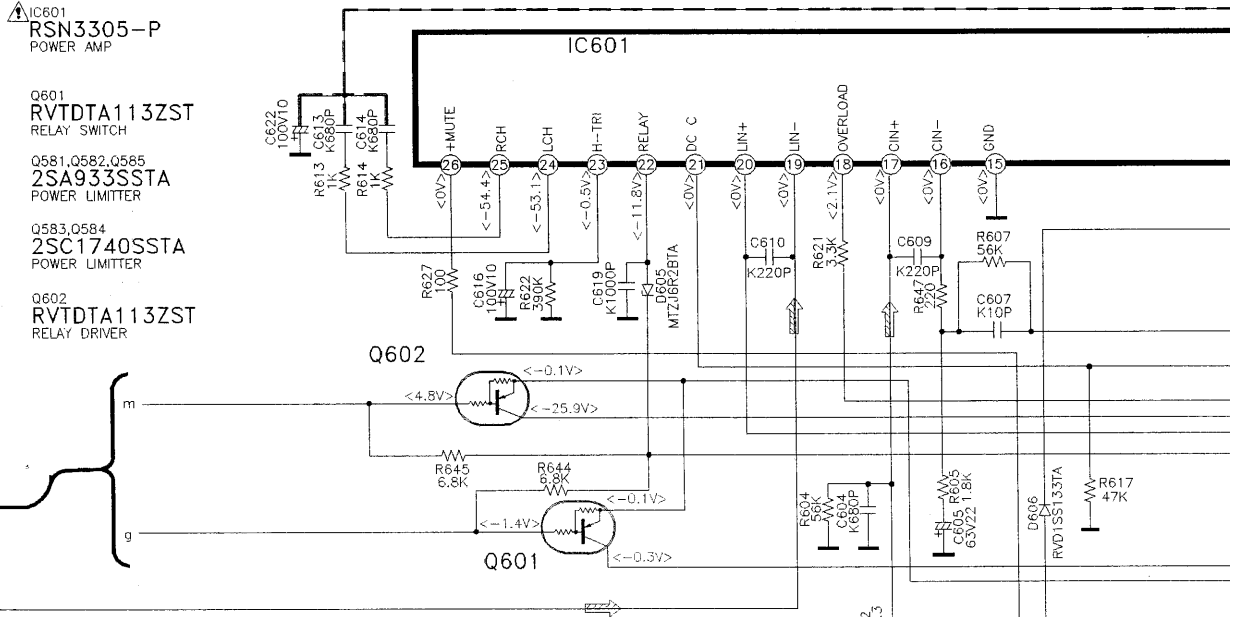


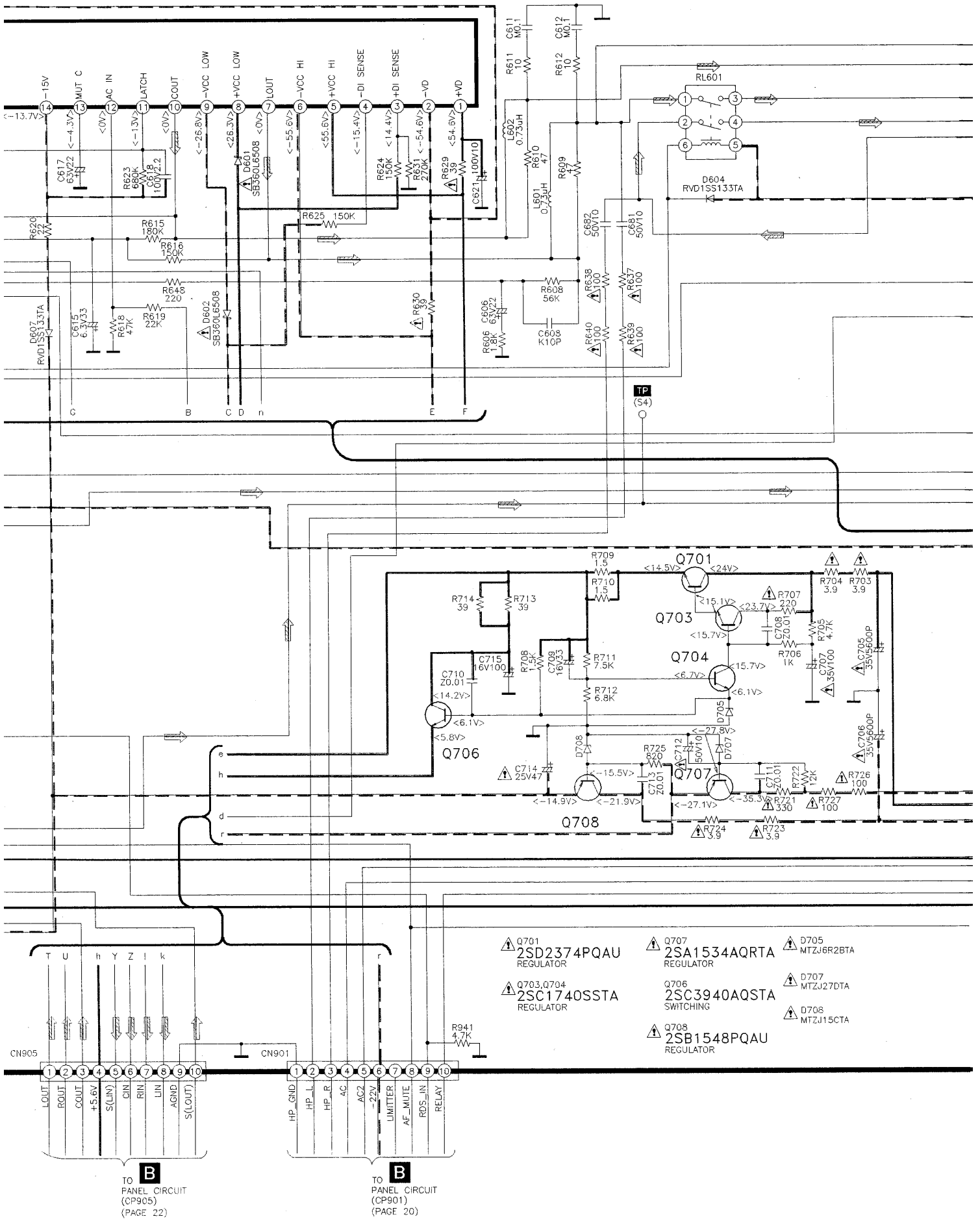
C MOTOR CIRCUIT

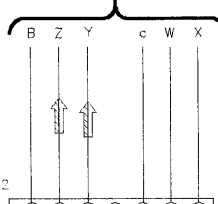
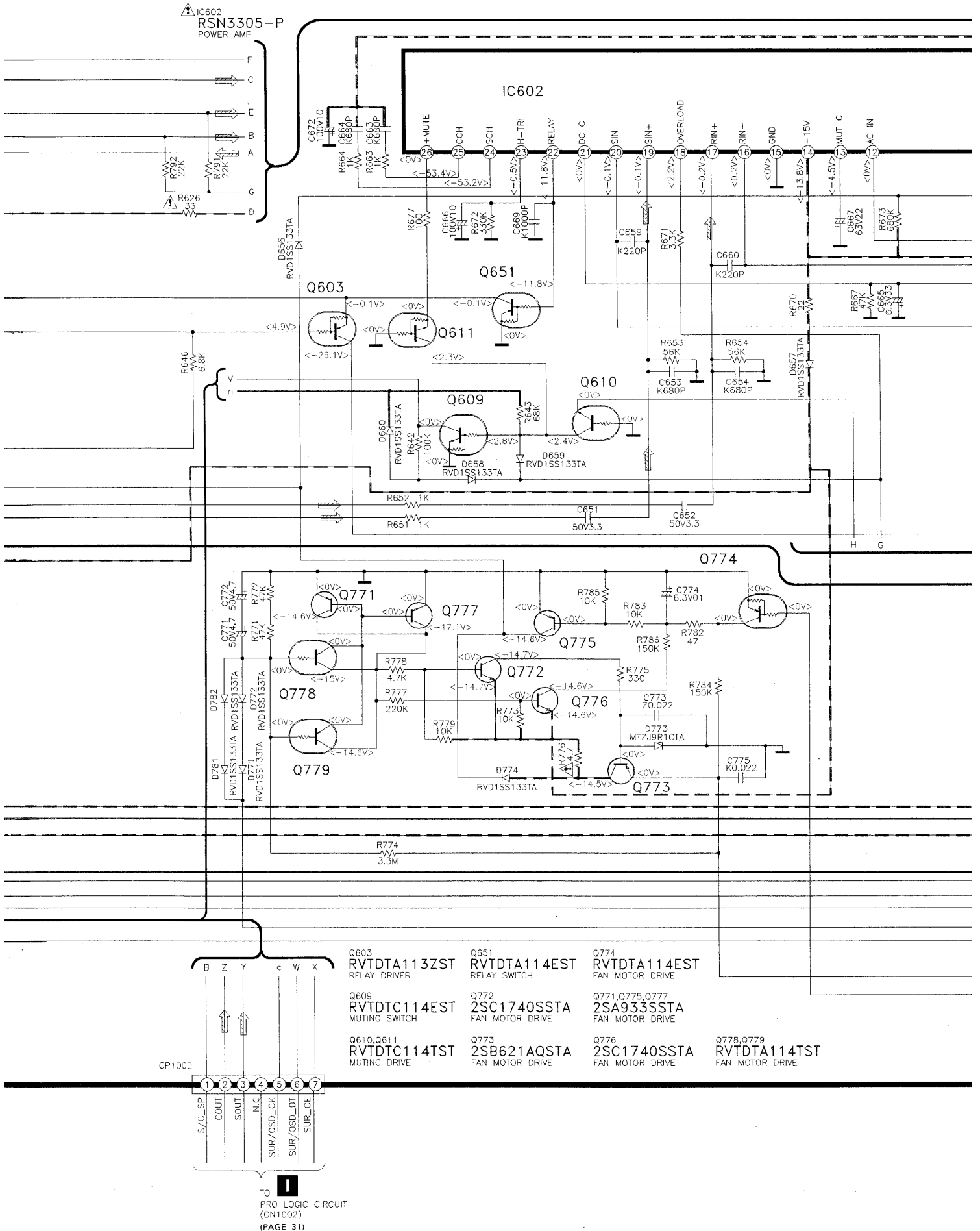


A MAIN CIRCUIT



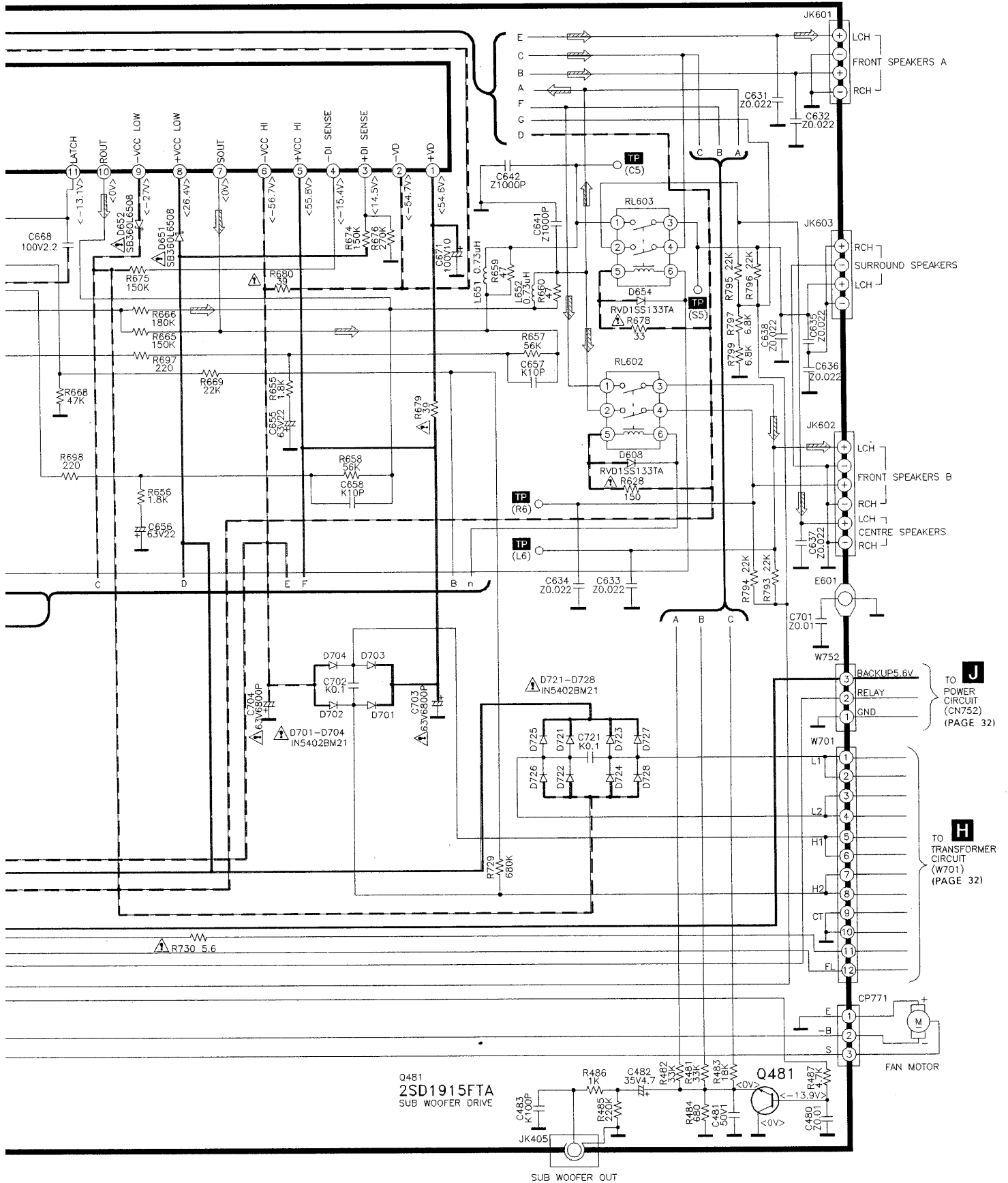




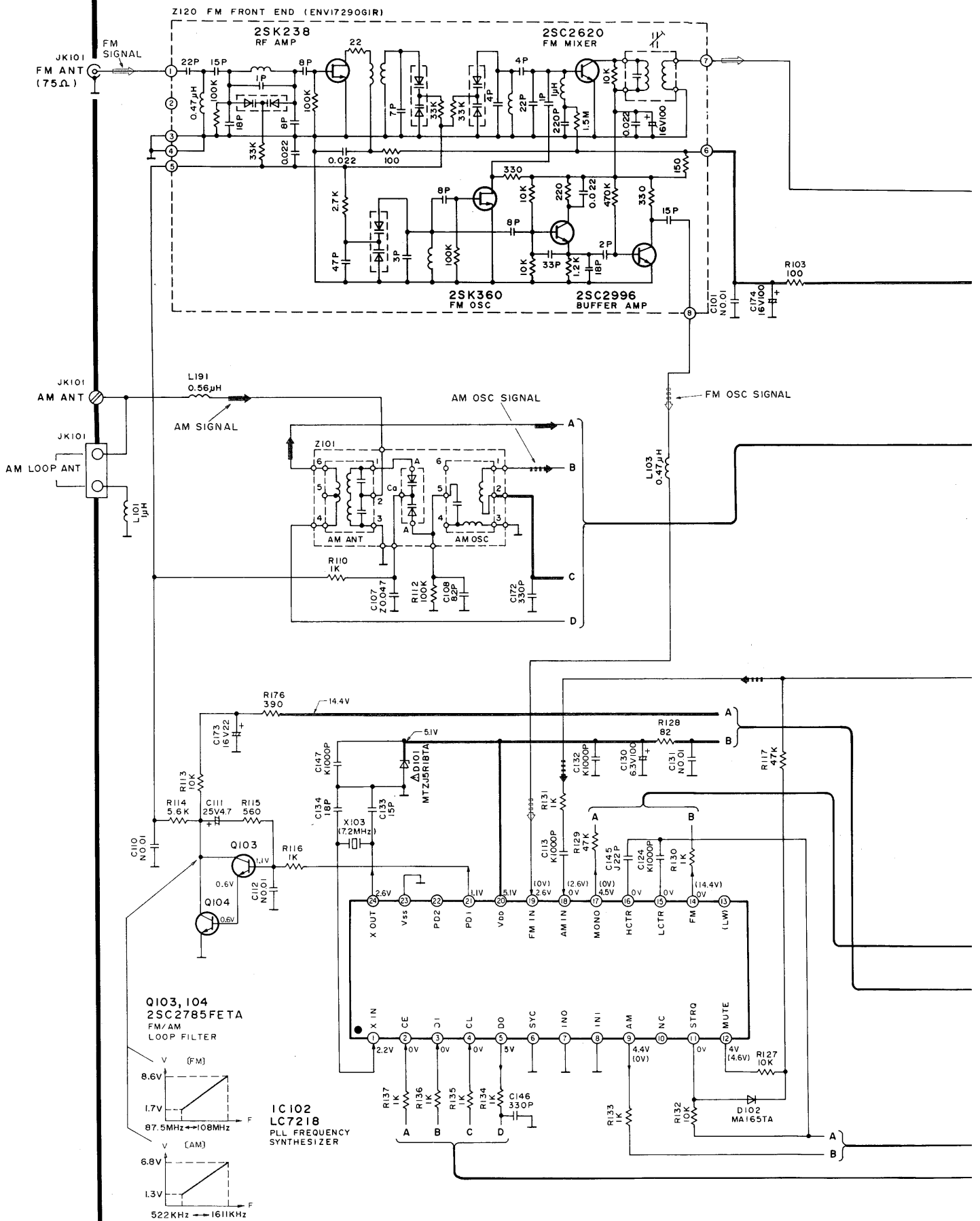


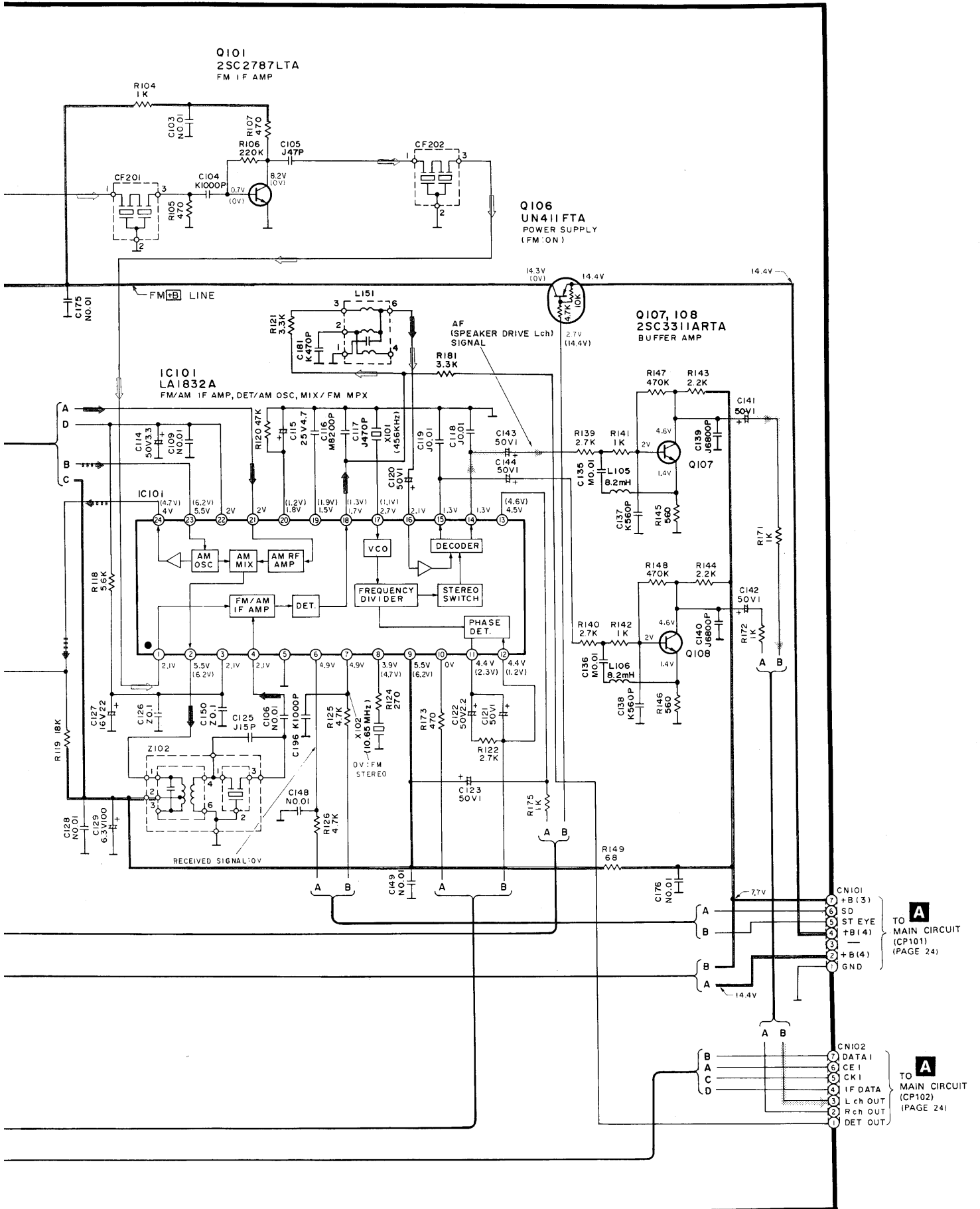
- Q603 RVTDTA113ZST RELAY DRIVER
- Q609 RVTDTC114EST MUTING SWITCH
- Q610, Q611 RVTDTC114TST MUTING DRIVE
- Q651 RVTDTA114EST RELAY SWITCH
- Q772 2SC1740SSTA FAN MOTOR DRIVE
- Q773 2SB621AQSTA FAN MOTOR DRIVE
- Q774 RVTDTA114EST FAN MOTOR DRIVE
- Q771, Q775, Q777 2SA933SSTA FAN MOTOR DRIVE
- Q776 2SC1740SSTA FAN MOTOR DRIVE
- Q778, Q779 RVTDTA114TST FAN MOTOR DRIVE

TO PRO LOGIC CIRCUIT (CN1002) (PAGE 31)

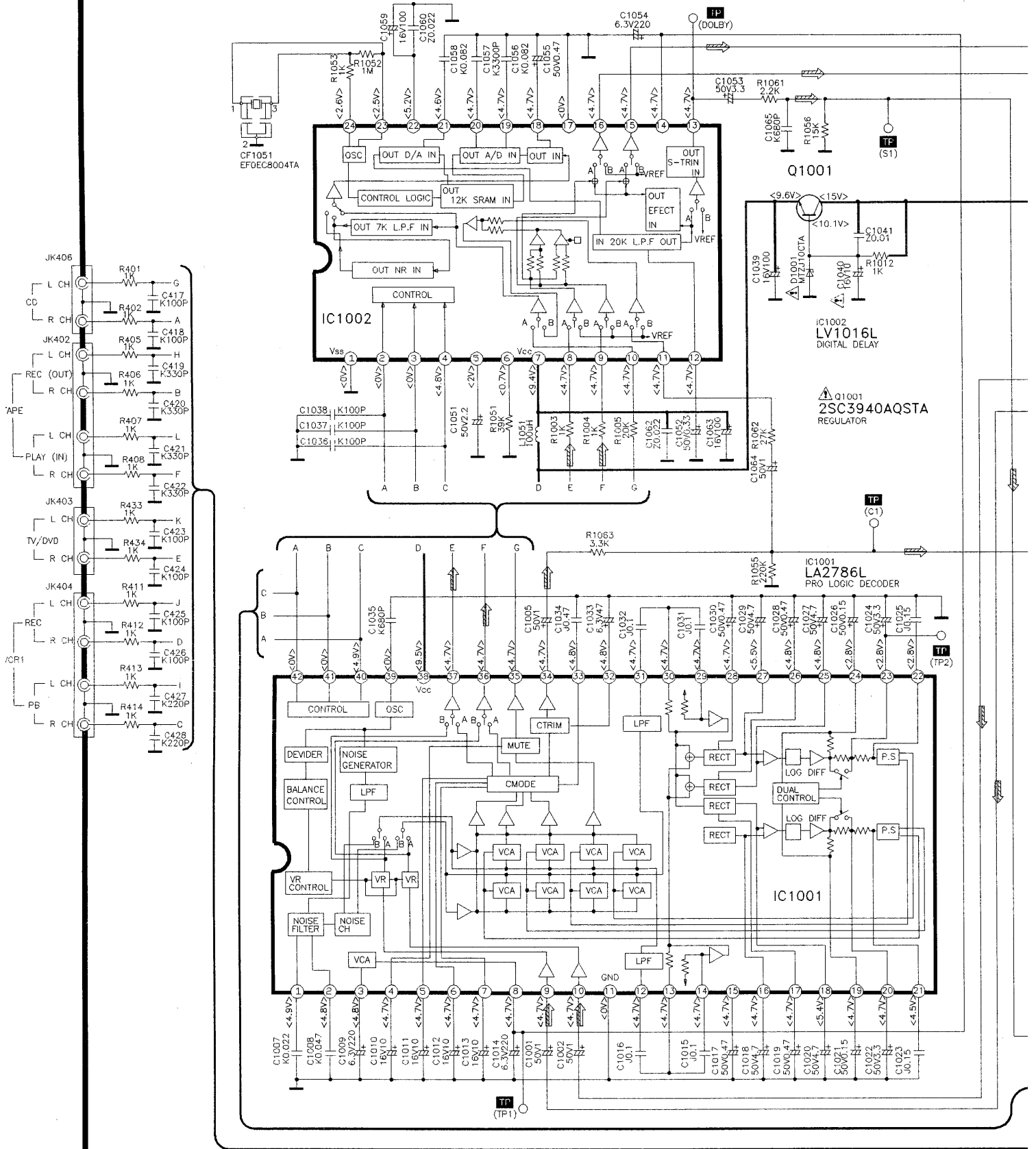


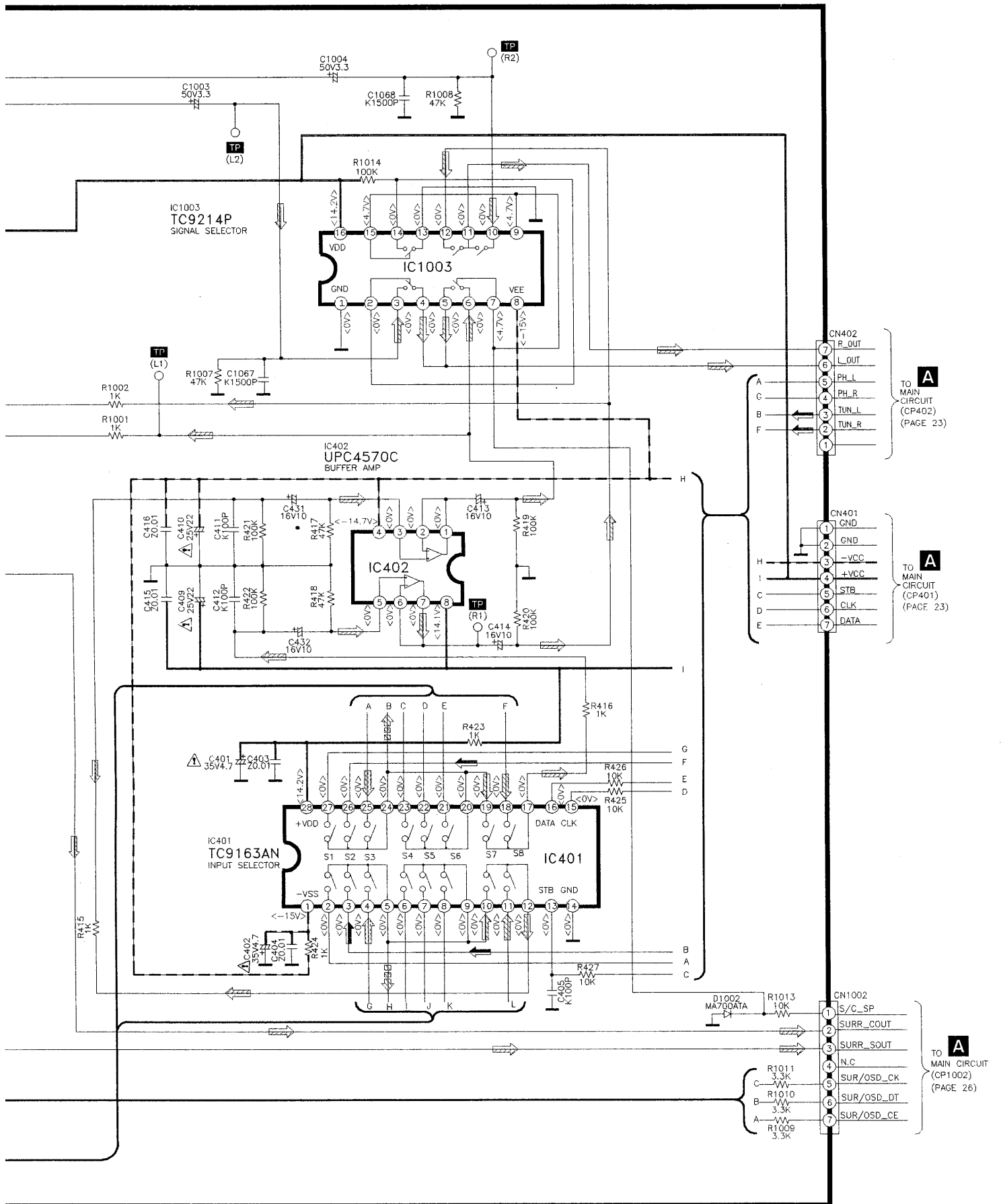
F TUNER CIRCUIT



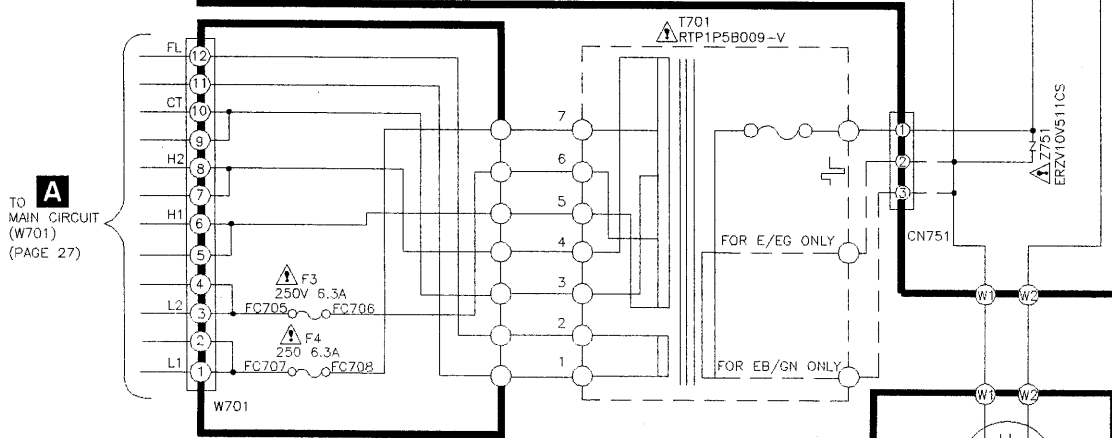
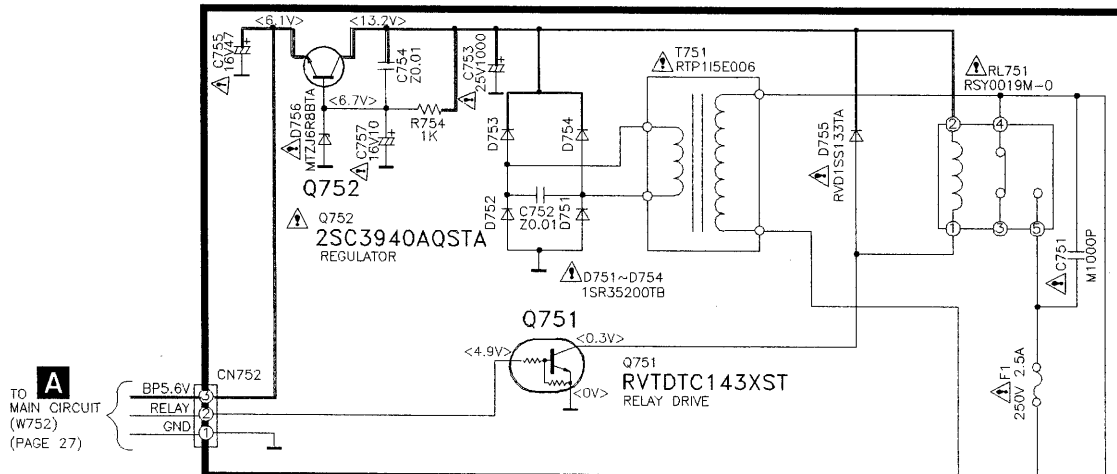


PRO LOGIC CIRCUIT



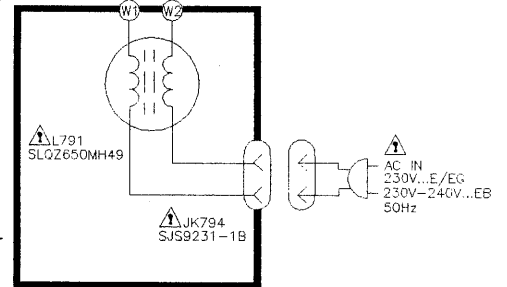


J POWER CIRCUIT

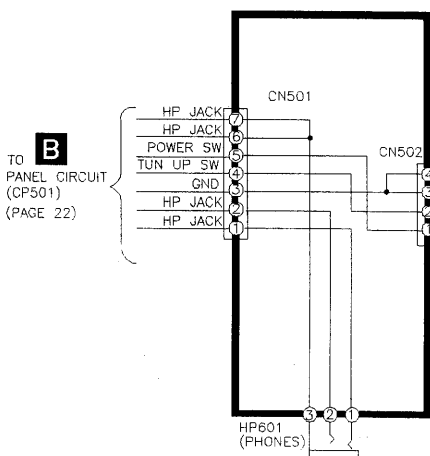


H TRANSFORMER CIRCUIT

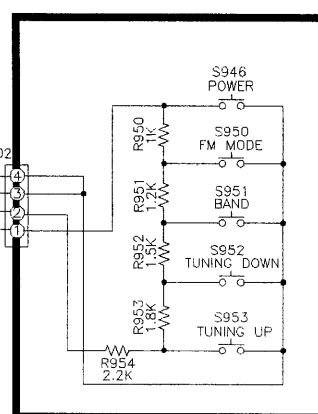
K AC INLET CIRCUIT



E HEADPHONE JACK CIRCUIT



D POWER SWITCH CIRCUIT

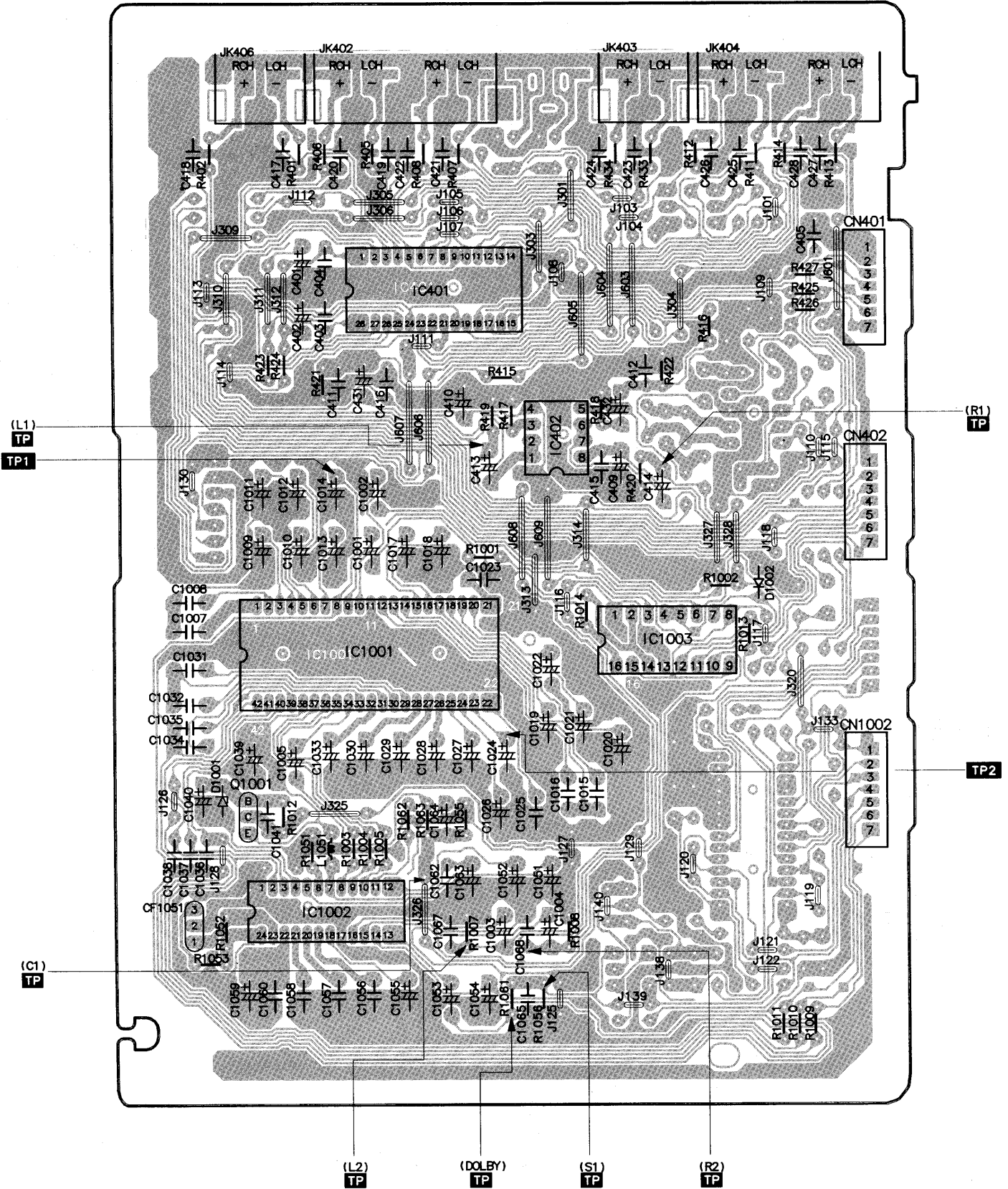


Printed Circuit Board

PRO LOGIC P.C.B. (REP2443G-P)...E/EG
(REP2443H-P)...EB

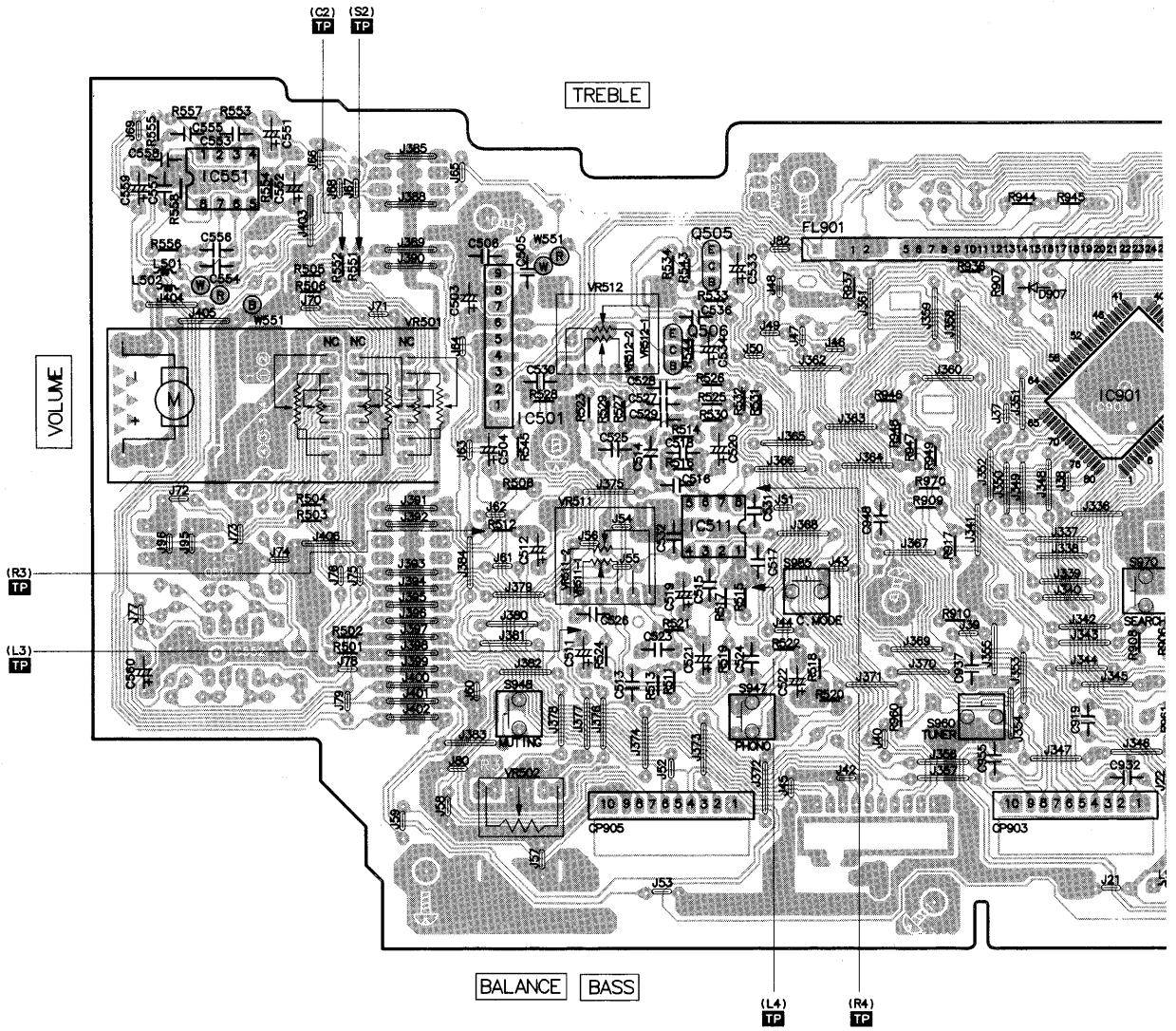
CD TAPE_REC TAPE_P/B

TV VCR1_REC VCR1_P/B

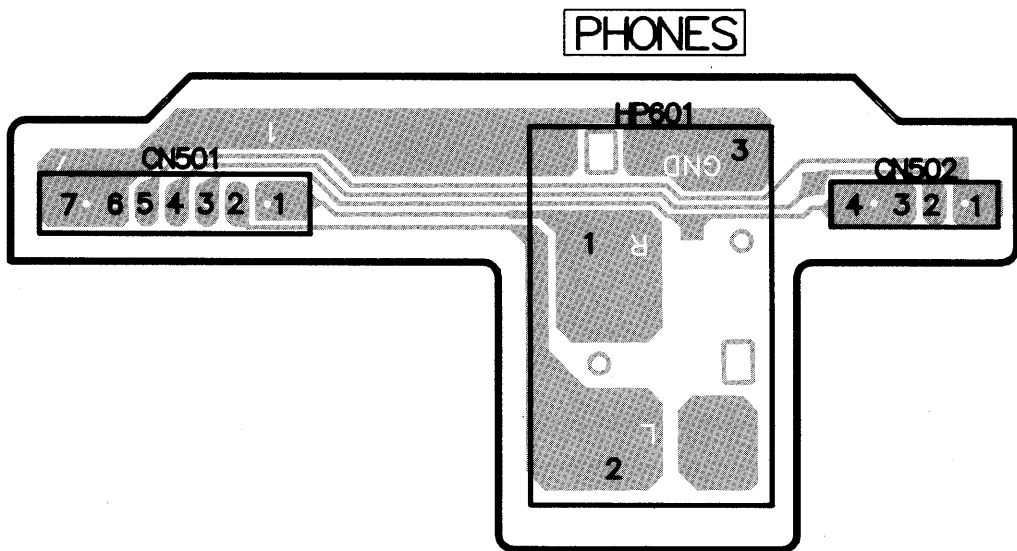


C MOTOR P.C.B. (REP2442E-S)

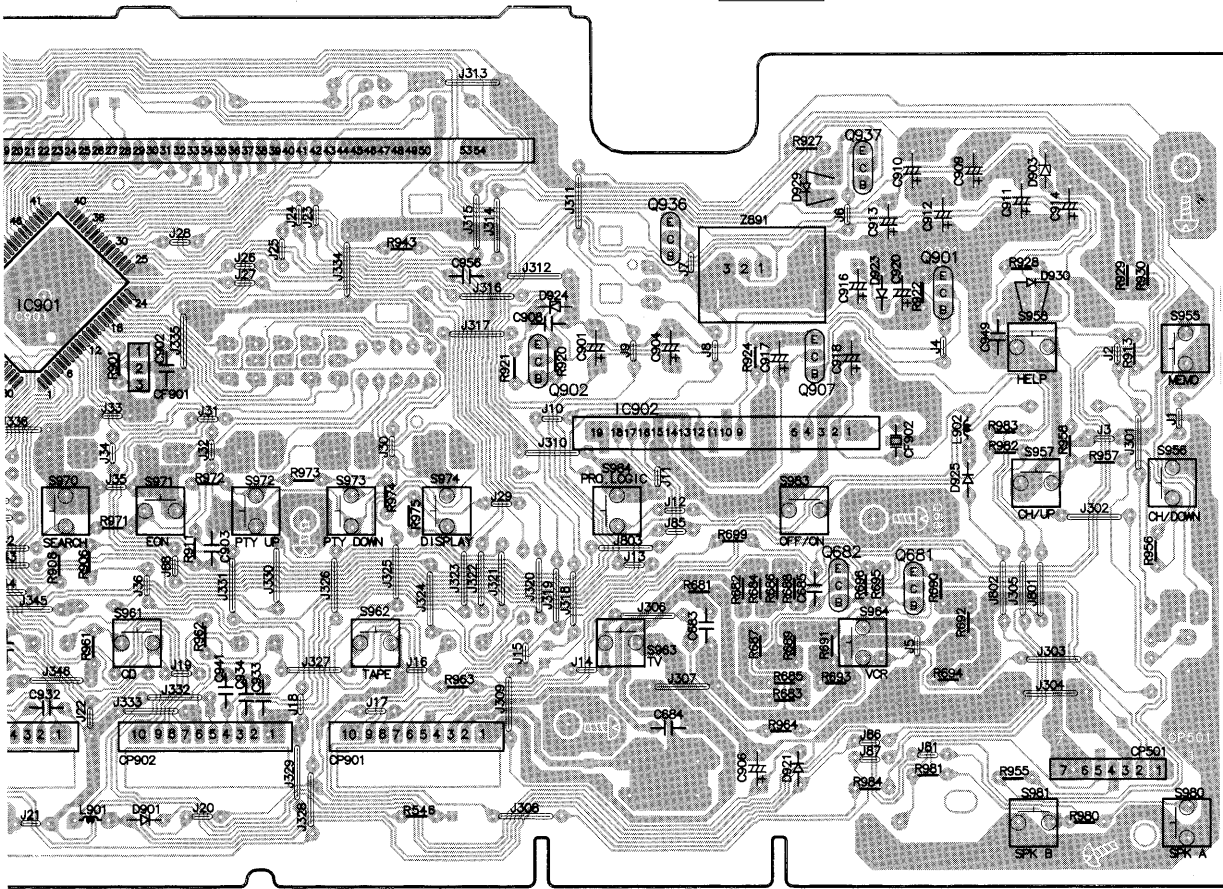
B PANEL P.C.B. (REP2442E-S)



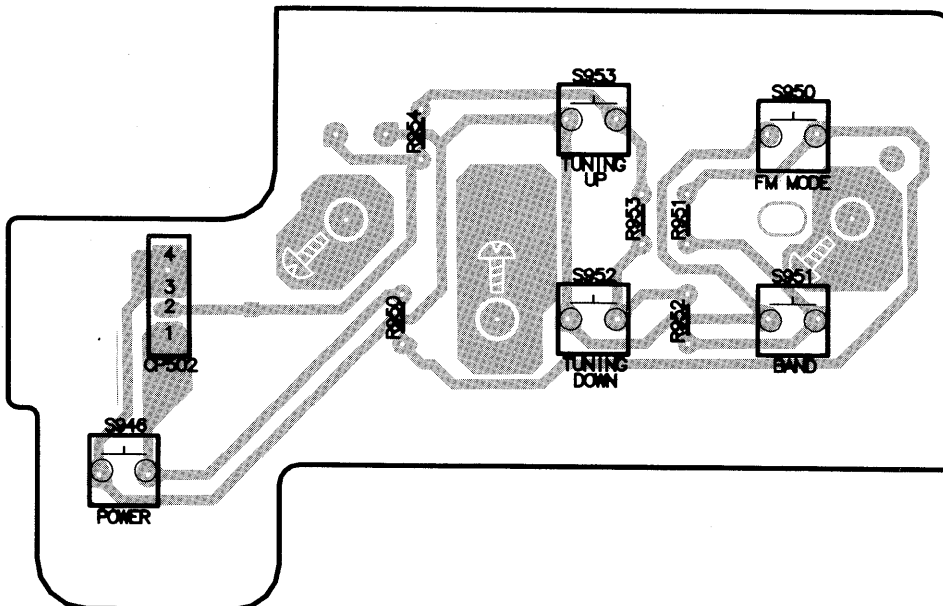
E HEADPHONE JACK P.C.B. (REP2442E-S)



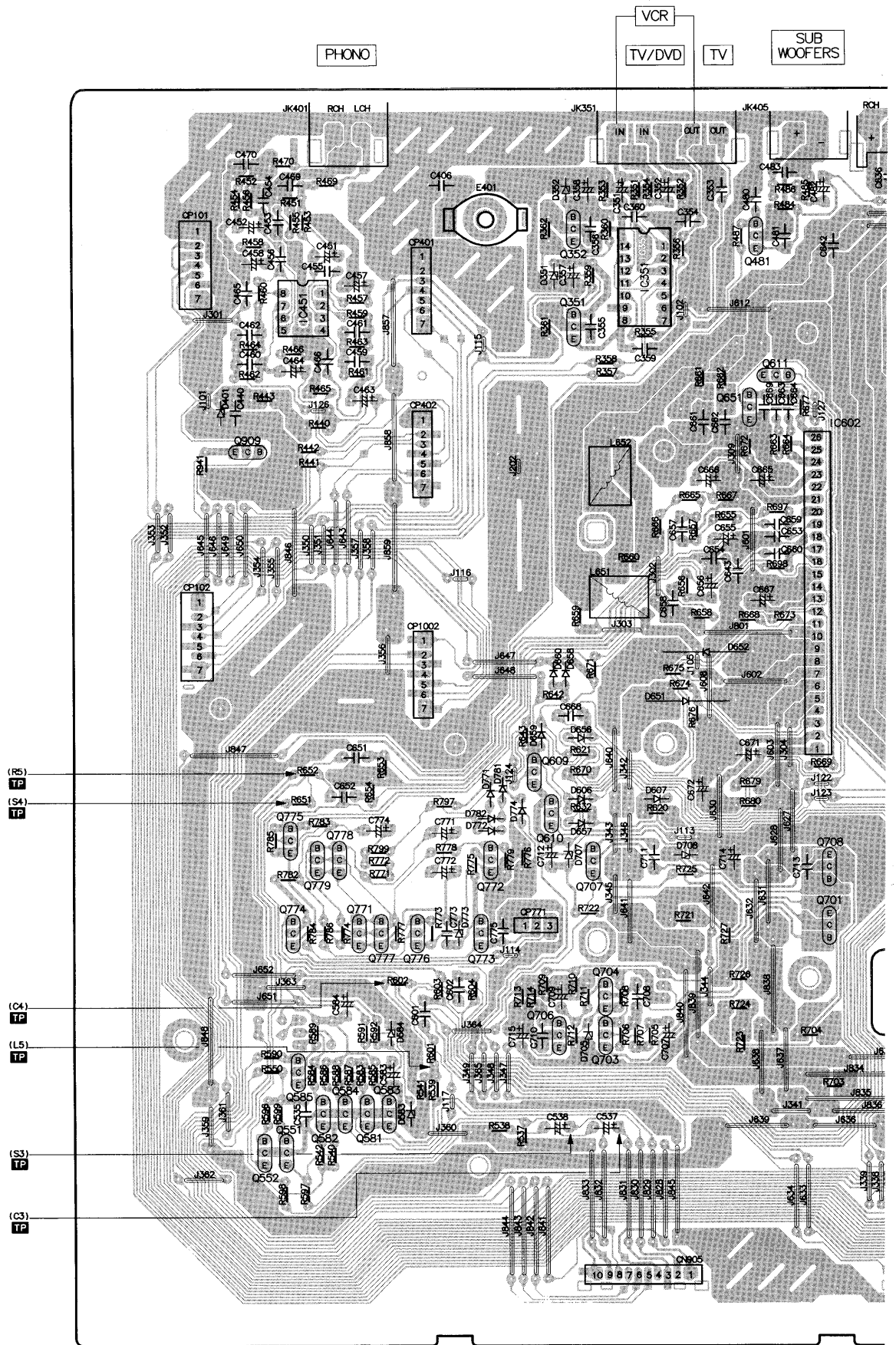
SENSOR

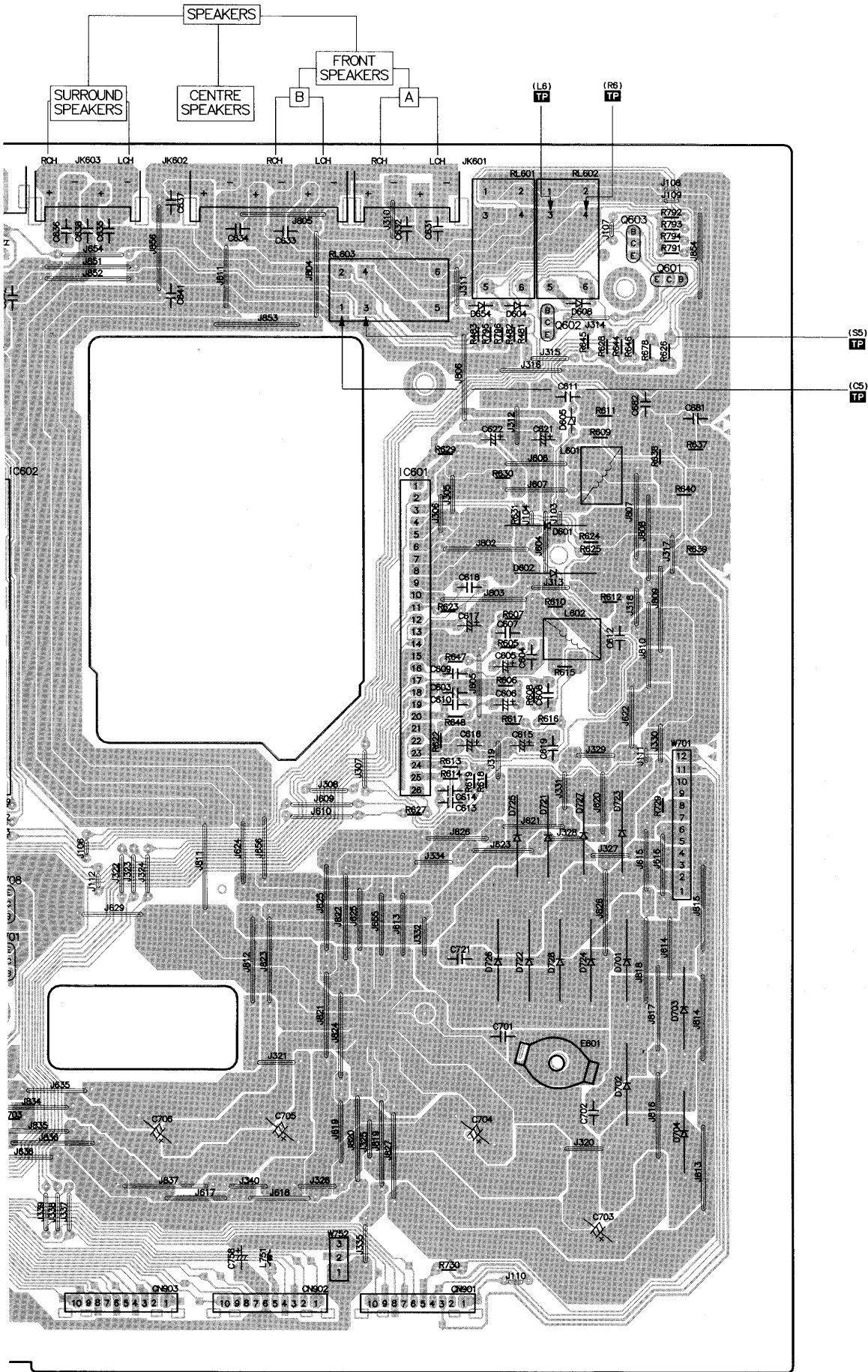


D OPERATION SWITCH P.C.B. (REP2442E-S)

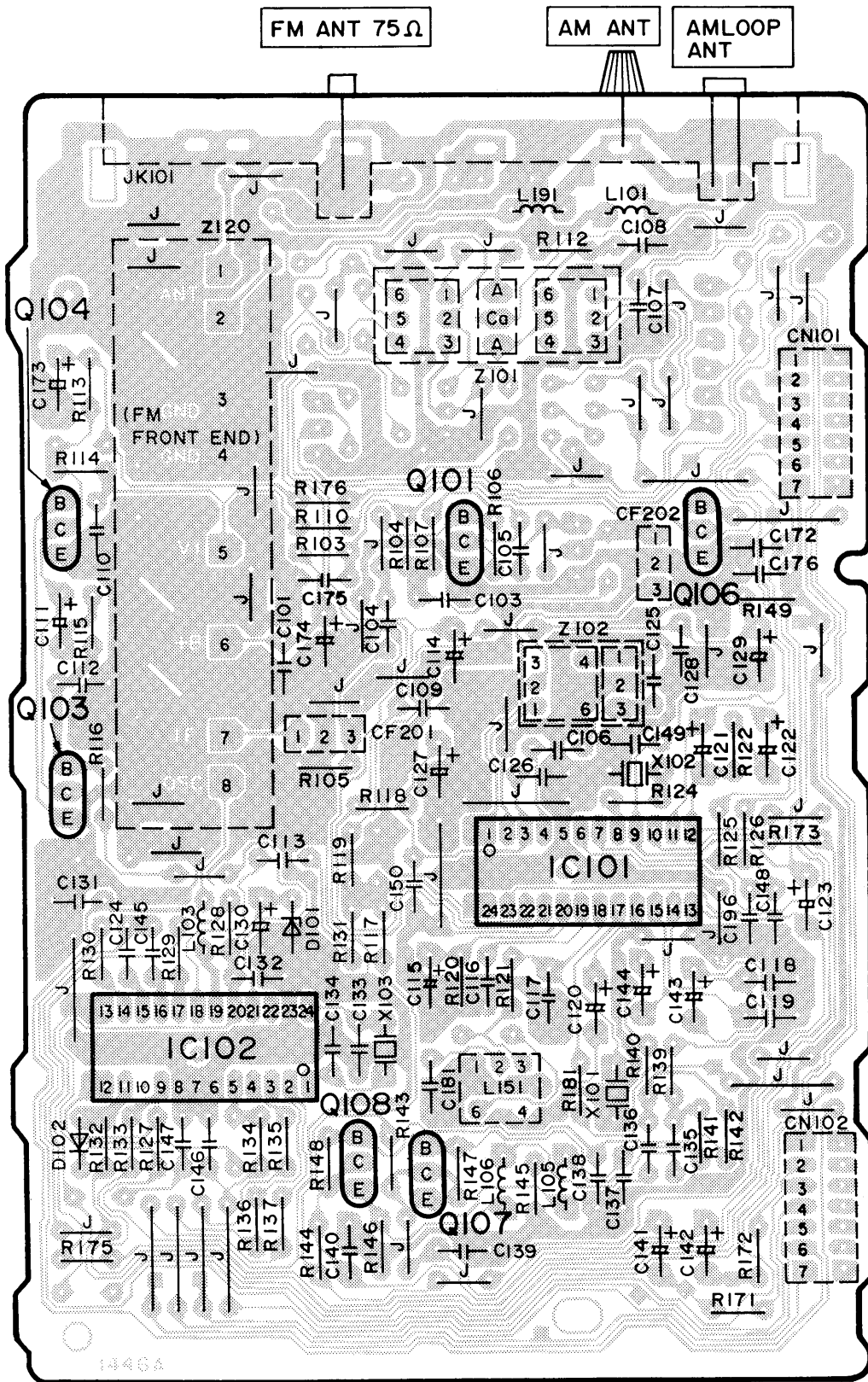


A MAIN P.C.B. (REP2441B-M)

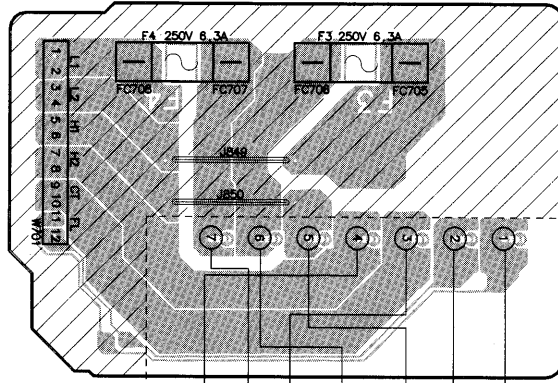




F TUNER P.C.B. (REP2158D-T) ...E/EB
(REP2158A-T) ...EG

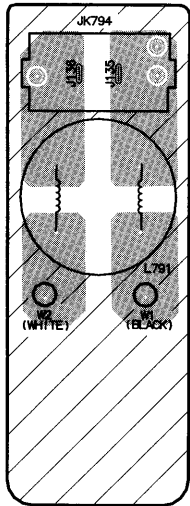


H TRANSFORMER P.C.B.
(REP2441B-M)



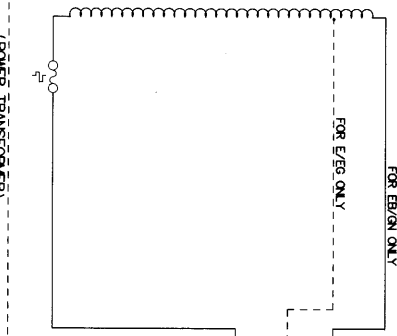
K AC IN P.C.B.
(REP2443G-P)...E/EG
(REP2443H-P)...EB

AC IN ~
230V
... E/EG
230V-240V
... EB
240V
... GN
50HZ



CAUTION
RISK OF ELECTRIC SHOCK
AC voltage line. Please do not
touch this portion.

(POWER TRANSFORMER)

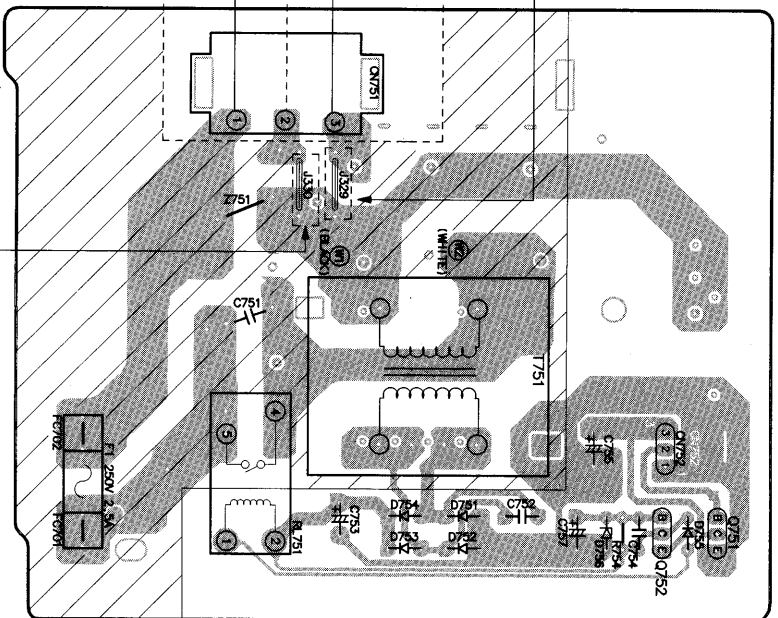


T701

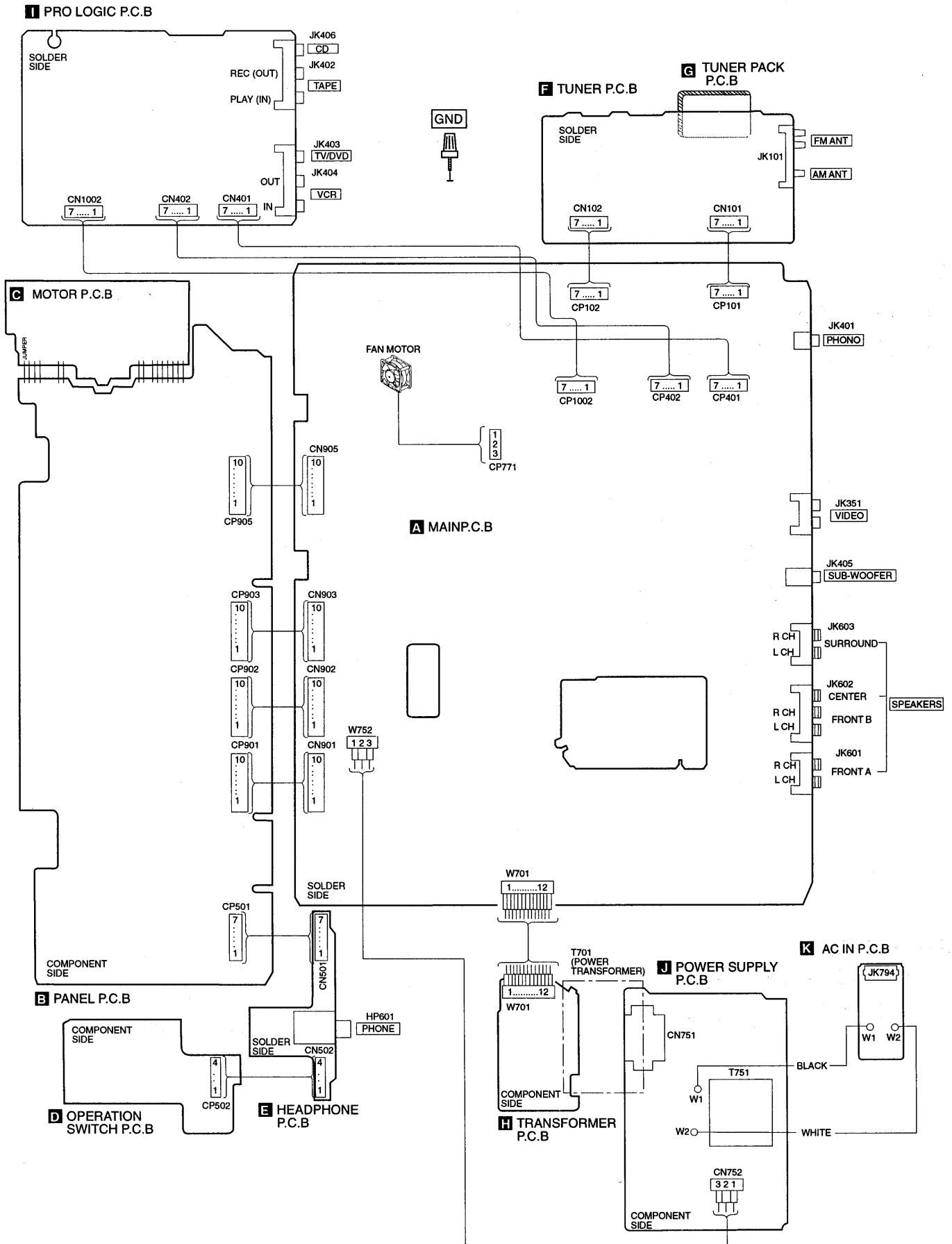
FOR EB/GN ONLY

J POWER P.C.B.
(REP2443G-P)...E/EG
(REP2443H-P)...EB

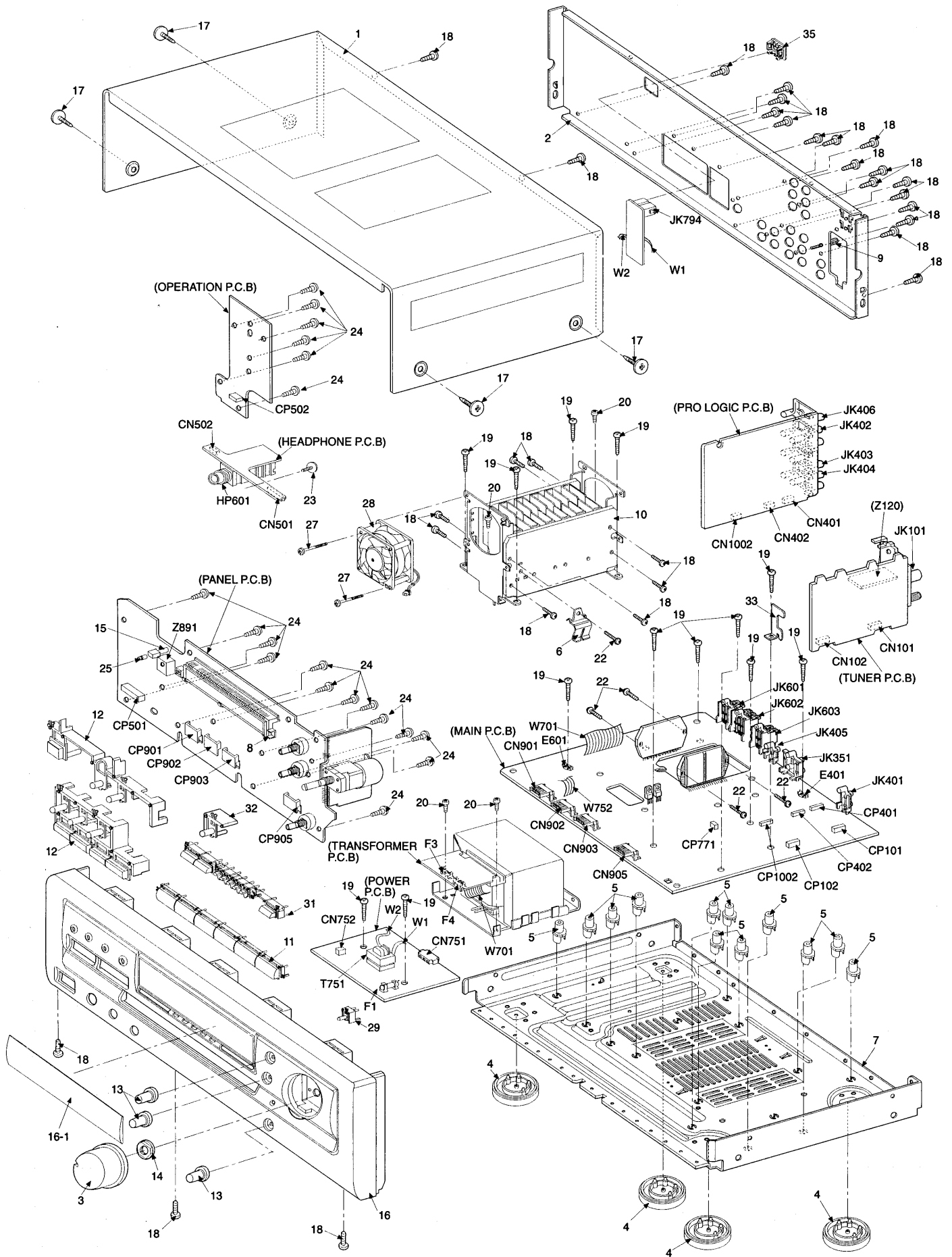
FOR E/EG ONLY



Wiring Connection Diagram




■ Cabinet Parts Location



■ Replacement Parts List

Notes: * Important safety notice :

 Components identified by  mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.













* The parenthesized in the Remarks columns specify the areas. (Refer to the cover page for area.)

* Parts without these indication can be used for all areas.

* [M] in Remarks column indicates parts that are supplied by MESA.

* Remote Control Unit : Supply period for three years from terminal of production.

* The "(SF)" mark denotes the standard part.

| Ref No. | Part No. | Part Name & Description | Remarks | Ref No. | Part No. | Part Name & Description | Remarks | Ref No. | Part No. | Part Name & Description | Remarks |
|---------|--------------|----------------------------|-----------|---------|--------------|----------------------------|---|---------|--------------|-------------------------|---|
| | | CABINET AND CHASSIS | | | | INTEGRATED CIRCUITS | | Q601 | RVTDTA113ZST | TRANSISTOR | [M] |
| 1 | RKM0342-K | TOP CABINET | [M] | IC101 | LA1832A | IC, IF/MPX | [M] | Q602 | RVTDTA113ZST | TRANSISTOR | [M] |
| 2 | RGR0252C-A | REAR PANEL | [M](EG,E) | IC102 | LC7218 | IC, PLL | [M] | Q603 | RVTDTA113ZST | TRANSISTOR | [M] |
| 2 | RGR0252C-B | REAR PANEL | [M](EB) | IC351 | NJM2279D | IC, VIDEO SELECTOR SW | [M] | Q609 | RVTDTA114EST | TRANSISTOR | [M] |
| 3 | RGW0243A-K | VOLUME KNOB | [M] | IC401 | TC9163AN | IC, SELECTOR | [M] | Q610 | RVTDTA114EST | TRANSISTOR | [M] |
| 4 | RKA0079-A | FOOT | [M] | IC402 | UPC4570C | IC, TONE CONTROL | [M] | Q611 | RVTDTA114EST | TRANSISTOR | [M] |
| 5 | RKQ0089-J | PCB HOLDER | [M] | IC451 | AN6558F | IC, OP AMP | [M] | Q651 | RVTDTA114EST | TRANSISTOR | [M] |
| 6 | RMC0158-S | TRANSISTOR HOLDER | [M] | IC501 | BA6218 | IC, MOTOR DRIVER | [M] | Q681 | 2SD1915FTA | TRANSISTOR | [M] |
| 7 | RMK0350 | BOTTOM CHASSIS | [M] | IC511 | UPC4570C | IC, TONE CONTROL | [M] | Q682 | 2SD1915FTA | TRANSISTOR | [M] |
| 8 | RMN0372 | FL HOLDER | [M] | IC551 | UPC4570C | IC, TONE CONTROL | [M] | Q701 | 2SD2374PQAU | TRANSISTOR | [M]  |
| 9 | SNE2123 | EARTH TERMINAL | [M] | IC601 | RSN3305-P | IC, HIC | [M]  | Q703 | 2SC1740SSSTA | TRANSISTOR | [M]  |
| 10 | RXX0182 | HEAT SINK UNIT | [M] | IC602 | RSN3305-P | IC, HIC | [M]  | Q704 | 2SC1740SSSTA | TRANSISTOR | [M]  |
| 11 | RGU1493-K | SELECTOR BUTTON | [M] | IC901 | M38B53M4053F | IC, MICOM | [M] | Q706 | 2SC3940AQSTA | TRANSISTOR | [M] |
| 12 | RGU1350D-K | MODE BUTTON | [M] | IC902 | STK311-010 | IC, RDS DECODER | [M] | Q707 | 2SA1534AQRTA | TRANSISTOR | [M]  |
| 13 | RGW0216-K | TONE KNOB | [M] | IC1001 | LA2786L | IC, DPL | [M] | Q708 | 2SB1548PQAU | TRANSISTOR | [M]  |
| 14 | RHN90001 | M9 NUT | [M] | IC1002 | LV1016L | IC, SURR DECODER | [M] | Q751 | RVTDTA143XST | TRANSISTOR | [M] |
| 15 | RMN0450 | LED SUPPORT | [M] | IC1003 | TC9214P | IC, SELECTOR | [M] | Q752 | 2SC3940AQSTA | TRANSISTOR | [M]  |
| 16 | RFKGEX510EBK | FRONT PANEL ASS'Y | [M] | | | | | Q771 | 2SA933SSTA | TRANSISTOR | [M] |
| 16-1 | RKW0493B-Q | FL WINDOW | [M] | | | | | Q772 | 2SC1740SSSTA | TRANSISTOR | [M] |
| 17 | SNE2129-1 | SCREW (CABINET) | [M] | | | | | Q773 | 2SB621AQSTA | TRANSISTOR | [M] |
| 18 | XTBS3+8JFZ1 | SCREW | [M] | | | | | Q774 | RVTDTA114EST | TRANSISTOR | [M] |
| 19 | XTB3+20JFZ | SCREW | [M] | Q101 | 2SC2787LTA | TRANSISTOR | [M] | Q775 | 2SA933SSTA | TRANSISTOR | [M] |
| 20 | XTB3+8FFZ | SCREW | [M] | Q103 | 2SC2785FETA | TRANSISTOR | [M] | Q776 | 2SC1740SSSTA | TRANSISTOR | [M] |
| 22 | XTW3+15T | SCREW | [M] | Q104 | 2SC2785FETA | TRANSISTOR | [M] | Q777 | 2SA933SSTA | TRANSISTOR | [M] |
| 23 | RHD26016 | SCREW | [M] | Q106 | RVTDTA143XST | TRANSISTOR | [M] | Q778 | RVTDTA114TST | TRANSISTOR | [M] |
| 24 | XTBS26+10J | SCREW (FRONT) | [M] | Q107 | 2SC3311ARTA | TRANSISTOR | [M] | Q779 | RVTDTA114TST | TRANSISTOR | [M] |
| 25 | RMN0313 | LED SUPPORT | [M] | Q108 | 2SC3311ARTA | TRANSISTOR | [M] | Q901 | RVTDTA114YST | TRANSISTOR | [M] |
| 27 | XTB3+30J | SCREW | [M] | Q351 | 2SD592AQSTA | TRANSISTOR | [M]  | Q902 | 2SA933SSTA | TRANSISTOR | [M] |
| 28 | REM0069 | FAN UNIT | [M] | Q352 | 2SB621AQSTA | TRANSISTOR | [M]  | Q907 | RVTDTA114YST | TRANSISTOR | [M] |
| 29 | RGU1492-K | SLEEP/MUTE BUTTON | [M] | Q481 | 2SD1915FTA | TRANSISTOR | [M] | Q909 | 2SC1740SSSTA | TRANSISTOR | [M] |
| 31 | RGU1352K-K | DOLBY BUTTON | [M] | Q505 | 2SD1915FTA | TRANSISTOR | [M] | Q936 | RVTDTA114YST | TRANSISTOR | [M] |
| 32 | RGU1398-Q | HELP BUTTON | [M] | Q506 | 2SD1915FTA | TRANSISTOR | [M] | Q937 | RVTDTA114YST | TRANSISTOR | [M] |
| 33 | RMQ0709 | TUNER PCB BRACKET | [M] | Q551 | 2SD1915FTA | TRANSISTOR | [M] | Q1001 | 2SC3940AQSTA | TRANSISTOR | [M]  |
| 35 | SJS9231A | A/C INLET COVER | [M] | Q552 | 2SD1915FTA | TRANSISTOR | [M] | | | | |
| | | | | Q581 | 2SA933SSTA | TRANSISTOR | [M] | | | DIODES | |
| | | | | Q582 | 2SA933SSTA | TRANSISTOR | [M] | | | | |
| | | | | Q583 | 2SC1740SSSTA | TRANSISTOR | [M] | D101 | MTZJ5R1BTA | DIODE | [M] |
| | | | | Q584 | 2SC1740SSSTA | TRANSISTOR | [M] | D102 | MA165TA | DIODE | [M] |
| | | | | Q585 | 2SA933SSTA | TRANSISTOR | [M] | D351 | MTZJ5R6BTA | DIODE | [M]  |

| Ref No. | Part No. | Part Name & Description | Remarks | Ref No. | Part No. | Part Name & Description | Remarks | Ref No. | Part No. | Part Name & Description | Remarks |
|---------|-------------|-------------------------|---------|---------|--------------|---------------------------|---------|---------|--------------|---------------------------------|---------|
| D352 | MTZJ5R6BTA | DIODE | [M]▲ | D907 | MA167ATA | DIODE | [M] | | | CONNECTORS | |
| D401 | MTZJ7R5CTA | DIODE | [M] | D921 | RVD1SS133TA | DIODE | [M] | CN101 | RJU057W007 | 7P CONNECTOR | [M] |
| D583 | MTZJ3R0ATA | DIODE | [M] | D923 | RVD1SS133TA | DIODE | [M] | CN102 | RJU057W007 | 7P CONNECTOR | [M] |
| D584 | MTZJ3R0ATA | DIODE | [M] | D924 | MTZJ3R9ATA | DIODE | [M] | CN401 | RJU100W07 | 7P CONNECTOR | [M] |
| D601 | SB360L6508 | DIODE | [M]▲ | D925 | MA723TA | DIODE | [M] | CN402 | RJU100W07 | 7P CONNECTOR | [M] |
| D602 | SB360L6508 | DIODE | [M]▲ | D929 | LN846RP | DIODE | [M] | CN501 | RJU100W07 | 7P CONNECTOR | [M] |
| D604 | RVD1SS133TA | DIODE | [M] | D930 | SLR342DC | DIODE | [M] | CN502 | RJU100W04 | 4P CONNECTOR | [M] |
| D605 | MTZJ6R2BTA | DIODE | [M] | D1001 | MTZJ10CTA | DIODE | [M] | CN751 | SJS305-1 | 3P CONNECTOR | [M] |
| D606 | RVD1SS133TA | DIODE | [M] | D1002 | MA700ATA | DIODE | [M] | CN752 | RJS1A6603T1 | 3 PIN TAPING CONNECT | [M] |
| D607 | RVD1SS133TA | DIODE | [M] | | | VARIABLE RESISTORS | | CN901 | RJU003K010M1 | 10P B/B CONNECTOR | [M] |
| D608 | RVD1SS133TA | DIODE | [M] | | | | | CN902 | RJU003K010M1 | 10P B/B CONNECTOR | [M] |
| D651 | SB360L6508 | DIODE | [M]▲ | VR501 | EUWMRH026B15 | VR, MOTOR | [M] | CN903 | RJU003K010M1 | 10P B/B CONNECTOR | [M] |
| D652 | SB360L6508 | DIODE | [M]▲ | VR502 | EWC0YAF15G15 | VR, BALANCE CONTROL | [M] | CN905 | RJU003K010M1 | 10P B/B CONNECTOR | [M] |
| D654 | RVD1SS133TA | DIODE | [M] | VR511 | EWC1XA020C15 | VR, TONE CONTROL | [M] | CN1002 | RJU100W07 | 7P CONNECTOR | [M] |
| D656 | RVD1SS133TA | DIODE | [M] | VR512 | EWC1XA020C15 | VR, TONE CONTROL | [M] | CP101 | RJT057W007-1 | 7P CONNECTOR | [M] |
| D657 | RVD1SS133TA | DIODE | [M] | | | | | CP102 | RJT057W007-1 | 7P CONNECTOR | [M] |
| D658 | RVD1SS133TA | DIODE | [M] | | | SWITCHES | | CP401 | RJT100W07 | 7P CONNECTOR | [M] |
| D659 | RVD1SS133TA | DIODE | [M] | S946 | EVQ21405R | SW, POWER | [M] | CP402 | RJT100W07 | 7P CONNECTOR | [M] |
| D660 | RVD1SS133TA | DIODE | [M] | S947 | EVQ21405R | SW, PHONO | [M] | CP501 | RJT100W07 | 7P CONNECTOR | [M] |
| D701 | 1N5402BM21 | DIODE | [M]▲ | S948 | EVQ21405R | SW, MUTING | [M] | CP502 | RJT100W04 | 4P CONNECTOR | [M] |
| D702 | 1N5402BM21 | DIODE | [M]▲ | S949 | EVQ21405R | SW, FM MODE | [M] | CP771 | RJP3G4YA | CONNECTOR | [M] |
| D703 | 1N5402BM21 | DIODE | [M]▲ | S950 | EVQ21405R | SW, FM MODE | [M] | CP901 | RJT003K010M1 | 10P CONNECTOR | [M] |
| D704 | 1N5402BM21 | DIODE | [M]▲ | S951 | EVQ21405R | SW, BAND | [M] | CP902 | RJT003K010M1 | 10P CONNECTOR | [M] |
| D705 | MTZJ6R2BTA | DIODE | [M]▲ | S952 | EVQ21405R | SW, TUNING DOWN | [M] | CP903 | RJT003K010M1 | 10P CONNECTOR | [M] |
| D707 | MTZJ27DTA | DIODE | [M]▲ | S953 | EVQ21405R | SW, TUNING UP | [M] | CP905 | RJT003K010M1 | 10P CONNECTOR | [M] |
| D708 | MTZJ15CTA | DIODE | [M]▲ | S955 | EVQ21405R | SW, MEMORY | [M] | CP1002 | RJT100W07 | 7P CONNECTOR | [M] |
| D721 | 1N5402BM21 | DIODE | [M]▲ | S956 | EVQ21405R | SW, CH PRESET DOWN | [M] | | | | |
| D722 | 1N5402BM21 | DIODE | [M]▲ | S957 | EVQ21405R | SW, CH PRESET UP | [M] | | | COILS & TRANSFORMERS | |
| D723 | 1N5402BM21 | DIODE | [M]▲ | S958 | EVQ21405R | SW, HELP | [M] | L101 | ELESN1R0MA | CHOKE COIL | [M] |
| D724 | 1N5402BM21 | DIODE | [M]▲ | S960 | EVQ21405R | SW, TUNER | [M] | L103 | ELEXTR47MA9 | CHOKE COIL | [M] |
| D725 | 1N5402BM21 | DIODE | [M]▲ | S961 | EVQ21405R | SW, CD | [M] | L105 | RLQZB822KT-D | TAPING COIL | [M] |
| D726 | 1N5402BM21 | DIODE | [M]▲ | S962 | EVQ21405R | SW, TAPE | [M] | L106 | RLQZB822KT-D | TAPING COIL | [M] |
| D727 | 1N5402BM21 | DIODE | [M]▲ | S963 | EVQ21405R | SW, TV/DVD | [M] | L151 | SLM1B10-1M | A.B. FILTER | [M] |
| D728 | 1N5402BM21 | DIODE | [M]▲ | S964 | EVQ21405R | SW, VCR | [M] | L191 | ELESNR56MA | CHOKE COIL | [M] |
| D751 | 1SR35200TB | DIODE | [M]▲ | S970 | EVQ21405R | SW, SEARCH | [M] | L501 | RLQZP1R0KT-Y | AXIAL COIL | [M] |
| D752 | 1SR35200TB | DIODE | [M]▲ | S971 | EVQ21405R | SW, EON | [M] | L502 | RLQZP1R0KT-Y | AXIAL COIL | [M] |
| D753 | 1SR35200TB | DIODE | [M]▲ | S972 | EVQ21405R | SW, PTY UP | [M] | L601 | RLQYR73MW-E | CHOKE COIL | [M] |
| D754 | 1SR35200TB | DIODE | [M]▲ | S973 | EVQ21405R | SW, PTY DOWN | [M] | L602 | RLQYR73MW-E | CHOKE COIL | [M] |
| D755 | RVD1SS133TA | DIODE | [M]▲ | S974 | EVQ21405R | SW, DISPLAY | [M] | L651 | RLQYR73MW-E | CHOKE COIL | [M] |
| D756 | MTZJ6R8BTA | DIODE | [M]▲ | S980 | EVQ21405R | SW, SPEAKER A | [M] | L652 | RLQYR73MW-E | CHOKE COIL | [M] |
| D771 | RVD1SS133TA | DIODE | [M] | S981 | EVQ21405R | SW, SPEAKER B | [M] | L751 | RLQB101KTA-Y | CHOKE COIL | [M] |
| D772 | RVD1SS133TA | DIODE | [M] | S983 | EVQ21405R | SW, OFF/ON | [M] | L791 | SLQZ650MH49 | AC LINE COIL | [M]▲ |
| D773 | MTZJ9R1CTA | DIODE | [M] | S984 | EVQ21405R | SW, PRO LOGIC | [M] | L901 | RLQB101KTA-Y | CHOKE COIL | [M] |
| D774 | RVD1SS133TA | DIODE | [M] | S985 | EVQ21405R | SW, CENTER MODE | [M] | L902 | RLQZP101KT-Y | AXIAL COIL | [M] |
| D781 | RVD1SS133TA | DIODE | [M] | | | | | L1051 | RLQB101KTA-Y | CHOKE COIL | [M] |
| D782 | RVD1SS133TA | DIODE | [M] | | | | | T701 | RTP1P5B009-V | POWER TRANSFORMER | [M]▲ |
| D901 | 1SS291TA | DIODE | [M] | | | | | | | | |
| D903 | MTZJ4R7BTA | DIODE | [M] | | | | | | | | |

| Ref No. | Part No. | Part Name & Description | Remarks | Ref No. | Part No. | Part Name & Description | Remarks | Ref No. | Part No. | Part Name & Description | Remarks | |
|---------|--------------|-------------------------|-----------|---------|------------|-------------------------|------------------|---------|--------------|-------------------------|---------------------|---------|
| T751 | RTP115E006 | POWER TRANSFORMER | [M]▲ | | | FUSE CLIPS | | | | EARTH TERMINALS | | |
| | | COMPONENT COMBINATION | | | FC701 | EYF52BC | FUSE HOLDER | [M] | E401 | SNE1004-2 | EARTH TERMINAL | [M] |
| Z101 | RLA2Z002M-T | AM ANT. COIL | [M] | FC702 | EYF52BC | FUSE HOLDER | [M] | E601 | SNE1004-2 | EARTH TERMINAL | [M] | |
| Z102 | RLI2Z006M-T | AM IFT | [M] | FC705 | EYF52BC | FUSE HOLDER | [M] | | | WIRES | | |
| Z120 | ENV17290G1R | FM TUNER PACK | [M](EG) | FC706 | EYF52BC | FUSE HOLDER | [M] | | | | | |
| Z120 | ENV17290G1Y | FM TUNER PACK | [M](EB,E) | FC707 | EYF52BC | FUSE HOLDER | [M] | W1 | REE0814 | WIRE | [M] | |
| Z751 | ERZV10V511CS | ZNR | [M]▲ | FC708 | EYF52BC | FUSE HOLDER | [M] | W2 | REE0818 | WIRE | [M] | |
| Z891 | RCDSPTS4242N | REMOTE SENSOR | [M] | | | JACKS | | W551 | REZ0997 | WIRE UNIT | [M] | |
| | | CERAMIC FILTERS | | | JK101 | RJH4202 | JK, ANT TERMINAL | [M] | W701 | RWJ1812220KK | WIRE UNIT | [M] |
| CF201 | RLFFETNGD01L | CERAMIC CAPACITOR | [M] | JK351 | SJF3069-3N | JK, RCA PIN | [M] | W752 | RWJ1803290CQ | WIRE | [M] | |
| CF202 | RLFFETMGD01L | CERAMIC FILTER | [M] | JK401 | SJF3068-7N | JK, RCA TERMINAL | [M] | | | PACKING MATERIALS | | |
| CF901 | RVBCST4R00MT | CERAMIC OSCILLATOR | [M] | JK402 | SJF3069N | JK, LINE IN | [M] | | | | | |
| CF902 | RSXZ456KM07M | CERAMIC OSCILLATOR | [M] | JK403 | SJF3068-7N | JK, RCA TERMINAL | [M] | P1 | SPSD152 | ACCESSORY BOX | [M] | |
| CF1051 | EF0EC8004T4 | CERAMIC OSCILLATOR | [M] | JK404 | SJF3069N | JK, LINE IN | [M] | P2 | RPFX0005 | MIRAMAT BAG | [M] | |
| | | OSCILLATORS | | | JK405 | SJFD7 | JK, FM MULTI OUT | [M] | P3 | RPG3464 | PACKING CASE | [M](E) |
| X101 | RSXZ456KM07M | CERAMIC OSCILLATOR | [M] | JK406 | SJF3068-7N | JK, RCA TERMINAL | [M] | P3 | RPG3536 | PACKING CASE | [M](EB,EG) | |
| X102 | RLFDGTD01I | FM REZONATOR | [M] | JK601 | RJR0054 | JK, SP TERMINAL | [M] | P4 | RPN0966 | POLYFOAM | [M] | |
| X103 | SVQ49U722T-S | CRYSTAL 7.2MHZ | [M] | JK602 | RJH5601 | JK, SP TERMINAL | [M] | | | ACCESSORIES | | |
| | | DISPLAY TUBE | | | JK603 | RJR0054 | JK, SP TERMINAL | [M] | | | | |
| FL901 | RSL0233-F | FL | [M] | JK794 | SJS9231-1B | JK, AC INLET | [M]▲ | A1 | EUR644377 | REMOTE CONTROL | [M] | |
| | | FUSES | | | | | RELAYS | | A1-1 | UR64EC1822 | BATTERY COVER | [M] |
| F1 | XBA2C25TB0 | FUSE | [M]▲ | RL601 | RSY0013M-0 | RELAY | [M] | A2 | RSA0010 | LOOP ANT UNIT | [M] | |
| F3 | XBA2C63TB0 | FUSE | [M]▲ | RL602 | RSY0013M-0 | RELAY | [M] | A3 | RJA0019-2K | AC CORD (SF)▲ | [M](EG,E) | |
| F4 | XBA2C63TB0 | FUSE | [M]▲ | RL603 | RSY0013M-0 | RELAY | [M] | A3 | VJA0733 | AC CORD (SF)▲ | [M](EB) | |
| | | | | | RL751 | RSY0019M-0 | 12V TV-5 RELAY | [M]▲ | A4 | RSA0007 | FM ANTENA | [M] |
| | | | | | | | HEADPHONE | | A5 | RFKSEX510EBK | INSTR. MANUAL ASS'Y | [M](EB) |
| | | | | | HP601 | RJJ63TS01 | HEADPHONES JACK | [M] | A5 | RFKSEX510EGK | INSTR. MANUAL ASS'Y | [M](EG) |
| | | | | | | | | | A5 | RFKSEX510E-K | INSTR. MANUAL ASS'Y | [M](E) |
| | | | | | | | | | A6 | SJP9009 | ANT ADAPTER | [M](EB) |

Resistors & Capacitors

Notes : * Important safety notice:

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

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

* Capacitor values are in microfarad (μF) unless specified otherwise, P=Pico-farads (pF) F=Farads (F)

* Resistors values are in ohms, unless specified otherwise, 1k=1,000(OHM), 1M=1,000k(OHM)

| Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks | |
|---------|-------------|------------------|---------|-------------|------------------|---------|-------------|------------------|---------|-------------|------------------|--|
| | | RESISTORS | | | | | | | | | | |
| R103 | ERDS2TJ101T | 100 1/4W [M] | R107 | ERDS2TJ471T | 470 1/4W [M] | R116 | ERDS2TJ102T | 1K 1/4W [M] | R122 | ERDS2TJ272T | 2.7K 1/4W [M] | |
| R104 | ERDS2TJ102T | 1K 1/4W [M] | R110 | ERDS2TJ102T | 1K 1/4W [M] | R117 | ERDS2TJ473T | 47K 1/4W [M] | R124 | ERDS2TJ271T | 270 1/4W [M] | |
| R105 | ERDS2TJ471T | 470 1/4W [M] | R112 | ERDS2TJ104T | 100K 1/4W [M] | R118 | ERDS2TJ562T | 5.6K 1/4W [M] | R125 | ERDS2TJ472T | 4.7K 1/4W [M] | |
| R106 | ERDS2TJ224T | 220K 1/4W [M] | R113 | ERDS2TJ103T | 10K 1/4W [M] | R119 | ERDS2TJ183T | 18K 1/4W [M] | R126 | ERDS2TJ472T | 4.7K 1/4W [M] | |
| | | | R114 | ERDS2TJ562T | 5.6K 1/4W [M] | R120 | ERDS2TJ473T | 47K 1/4W [M] | R127 | ERDS2TJ103T | 10K 1/4W [M] | |
| | | | R115 | ERDS2TJ561T | 560 1/4W [M] | R121 | ERDS2TJ332T | 3.3K 1/4W [M] | R128 | ERDS2TJ820T | 82 1/4W [M] | |

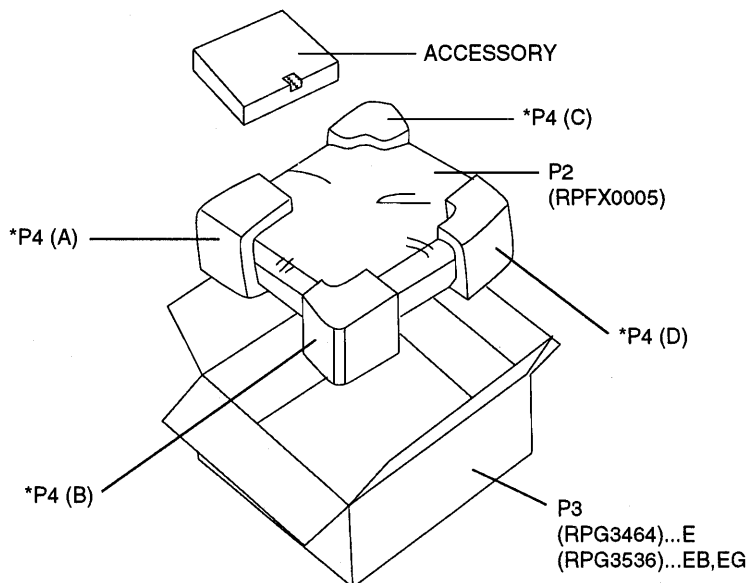
| Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks |
|---------|--------------|------------------|---------|--------------|------------------|---------|--------------|------------------|---------|--------------|------------------|
| R129 | ERDS2TJ473T | 47K 1/4W [M] | R413 | ERDS2TJ102T | 1K 1/4W [M] | R503 | ERDS2TJ103T | 10K 1/4W [M] | R583 | ERDS2TJ102T | 1K 1/4W [M] |
| R130 | ERDS2TJ102T | 1K 1/4W [M] | R414 | ERDS2TJ102T | 1K 1/4W [M] | R504 | ERDS2TJ103T | 10K 1/4W [M] | R584 | ERDS2TJ102T | 1K 1/4W [M] |
| R131 | ERDS2TJ102T | 1K 1/4W [M] | R415 | ERDS2TJ102T | 1K 1/4W [M] | R505 | ERDS2TJ103T | 10K 1/4W [M] | R585 | ERDS2TJ102T | 1K 1/4W [M] |
| R132 | ERDS2TJ103T | 10K 1/4W [M] | R416 | ERDS2TJ102T | 1K 1/4W [M] | R506 | ERDS2TJ103T | 10K 1/4W [M] | R586 | ERDS2TJ102T | 1K 1/4W [M] |
| R133 | ERDS2TJ102T | 1K 1/4W [M] | R417 | ERDS2TJ473T | 47K 1/4W [M] | R508 | ERDS1FVJ2R2T | 2.2 1/2W[M]▲ | R587 | ERDS2TJ102T | 1K 1/4W [M] |
| R134 | ERDS2TJ102T | 1K 1/4W [M] | R418 | ERDS2TJ473T | 47K 1/4W [M] | R511 | ERDS2TJ471T | 470 1/4W [M] | R588 | ERDS2TJ102T | 1K 1/4W [M] |
| R135 | ERDS2TJ102T | 1K 1/4W [M] | R419 | ERDS2TJ104T | 100K 1/4W [M] | R512 | ERDS2TJ471T | 470 1/4W [M] | R589 | ERDS2TJ272T | 2.7K 1/4W [M] |
| R136 | ERDS2TJ102T | 1K 1/4W [M] | R420 | ERDS2TJ104T | 100K 1/4W [M] | R513 | ERDS2TJ474T | 470K 1/4W [M] | R590 | ERDS2TJ473T | 47K 1/4W [M] |
| R137 | ERDS2TJ102T | 1K 1/4W [M] | R421 | ERDS2TJ104T | 100K 1/4W [M] | R514 | ERDS2TJ474T | 470K 1/4W [M] | R591 | ERDS2TJ222T | 2.2K 1/4W [M] |
| R139 | ERDS2TJ272T | 2.7K 1/4W [M] | R422 | ERDS2TJ104T | 100K 1/4W [M] | R515 | ERDS2TJ474T | 470K 1/4W [M] | R592 | ERDS2TJ222T | 2.2K 1/4W [M] |
| R140 | ERDS2TJ272T | 2.7K 1/4W [M] | R423 | ERDS2TJ102T | 1K 1/4W [M] | R516 | ERDS2TJ474T | 470K 1/4W [M] | R596 | ERDS2TJ102T | 1K 1/4W [M] |
| R141 | ERDS2TJ102T | 1K 1/4W [M] | R424 | ERDS2TJ102T | 1K 1/4W [M] | R517 | ERDS2TJ332T | 3.3K 1/4W [M] | R597 | ERDS2TJ272T | 2.7K 1/4W [M] |
| R142 | ERDS2TJ102T | 1K 1/4W [M] | R425 | ERDS2TJ103T | 10K 1/4W [M] | R518 | ERDS2TJ332T | 3.3K 1/4W [M] | R598 | ERDS2TJ272T | 2.7K 1/4W [M] |
| R143 | ERDS2TJ222T | 2.2K 1/4W [M] | R426 | ERDS2TJ103T | 10K 1/4W [M] | R519 | ERDS2TJ182T | 1.8K 1/4W [M] | R599 | ERDS2TJ102T | 1K 1/4W [M] |
| R144 | ERDS2TJ222T | 2.2K 1/4W [M] | R427 | ERDS2TJ103T | 10K 1/4W [M] | R520 | ERDS2TJ182T | 1.8K 1/4W [M] | R601 | ERDS2TJ102T | 1K 1/4W [M] |
| R145 | ERDS2TJ102T | 1K 1/4W[M](EB,E | R433 | ERDS2TJ102T | 1K 1/4W [M] | R521 | ERDS2TJ223T | 22K 1/4W [M] | R602 | ERDS2TJ102T | 1K 1/4W [M] |
| R145 | ERDS2TJ561T | 560 1/4W[M](EG) | R434 | ERDS2TJ102T | 1K 1/4W [M] | R522 | ERDS2TJ223T | 22K 1/4W [M] | R603 | ERDS2TJ563T | 56K 1/4W [M] |
| R146 | ERDS2TJ102T | 1K 1/4W[M](EB,E | R440 | ERDS1FVJ560T | 56 1/2W[M]▲ | R523 | ERDS2TJ392T | 3.9K 1/4W [M] | R604 | ERDS2TJ563T | 56K 1/4W [M] |
| R146 | ERDS2TJ561T | 560 1/4W[M](EG) | R441 | ERDS2TJ473T | 47K 1/4W [M] | R524 | ERDS2TJ392T | 3.9K 1/4W [M] | R605 | ERDS2TJ182T | 1.8K 1/4W [M] |
| R147 | ERDS2TJ474T | 470K 1/4W [M] | R442 | ERDS2TJ473T | 47K 1/4W [M] | R525 | ERDS2TJ222T | 2.2K 1/4W [M] | R606 | ERDS2TJ182T | 1.8K 1/4W [M] |
| R148 | ERDS2TJ474T | 470K 1/4W [M] | R443 | ERDS1FVJ560T | 56 1/2W[M]▲ | R526 | ERDS2TJ222T | 2.2K 1/4W [M] | R607 | ERDS2TJ563T | 56K 1/4W [M] |
| R149 | ERDS2TJ680T | 68 1/4W [M] | R451 | ERDS2TJ224T | 220K 1/4W [M] | R527 | ERDS2TJ122T | 1.2K 1/4W [M] | R608 | ERDS2TJ563T | 56K 1/4W [M] |
| R171 | ERDS2TJ102T | 1K 1/4W [M] | R452 | ERDS2TJ224T | 220K 1/4W [M] | R528 | ERDS2TJ122T | 1.2K 1/4W [M] | R609 | ERDS2TJ470T | 47 1/4W [M] |
| R172 | ERDS2TJ102T | 1K 1/4W [M] | R453 | ERDS2TJ391T | 390 1/4W [M] | R529 | ERDS2TJ273T | 27K 1/4W [M] | R610 | ERDS2TJ470T | 47 1/4W [M] |
| R173 | ERDS2TJ471T | 470 1/4W [M] | R454 | ERDS2TJ391T | 390 1/4W [M] | R530 | ERDS2TJ273T | 27K 1/4W [M] | R611 | ERDS1FVJ100T | 10 1/2W [M] |
| R175 | ERDS2TJ102T | 1K 1/4W [M] | R455 | ERDS2TJ563T | 56K 1/4W [M] | R531 | ERDS2TJ332T | 3.3K 1/4W [M] | R612 | ERDS1FVJ100T | 10 1/2W [M] |
| R176 | ERDS2TJ391T | 390 1/4W [M] | R456 | ERDS2TJ563T | 56K 1/4W [M] | R532 | ERDS2TJ332T | 3.3K 1/4W [M] | R613 | ERDS2TJ102T | 1K 1/4W [M] |
| R181 | ERDS2TJ332T | 3.3K 1/4W [M] | R457 | ERDS2TJ271T | 270 1/4W [M] | R533 | ERDS2TJ224T | 220K 1/4W [M] | R614 | ERDS2TJ102T | 1K 1/4W [M] |
| R351 | ERDS2TJ750T | 75 1/4W [M] | R458 | ERDS2TJ271T | 270 1/4W [M] | R534 | ERDS2TJ224T | 220K 1/4W [M] | R615 | ERDS2TJ184T | 180K 1/4W [M] |
| R352 | ERDS2TJ750T | 75 1/4W [M] | R459 | ERDS2TJ680T | 68 1/4W [M] | R537 | ERDS2TJ103T | 10K 1/4W [M] | R616 | ERDS2TJ154T | 150K 1/4W [M] |
| R353 | ERDS2TJ103T | 10K 1/4W [M] | R460 | ERDS2TJ680T | 68 1/4W [M] | R538 | ERDS2TJ103T | 10K 1/4W [M] | R617 | ERDS2TJ473T | 47K 1/4W [M] |
| R354 | ERDS2TJ103T | 10K 1/4W [M] | R461 | ERDS2TJ184T | 180K 1/4W [M] | R539 | ERDS2TJ332T | 3.3K 1/4W [M] | R618 | ERDS2TJ473T | 47K 1/4W [M] |
| R355 | ERDS2TJ750T | 75 1/4W [M] | R462 | ERDS2TJ184T | 180K 1/4W [M] | R540 | ERDS2TJ332T | 3.3K 1/4W [M] | R619 | ERDS2TJ223T | 22K 1/4W [M] |
| R356 | ERDS2TJ750T | 75 1/4W [M] | R463 | ERDS2TJ123T | 12K 1/4W [M] | R541 | ERDS2TJ182T | 1.8K 1/4W [M] | R620 | ERD25FVJ220T | 22 1/4W [M] |
| R357 | ERDS2TJ102T | 1K 1/4W [M] | R464 | ERDS2TJ123T | 12K 1/4W [M] | R542 | ERDS2TJ182T | 1.8K 1/4W [M] | R621 | ERDS2TJ332T | 3.3K 1/4W [M] |
| R358 | ERDS2TJ102T | 1K 1/4W [M] | R465 | ERDS2TJ563T | 56K 1/4W [M] | R543 | ERDS2TJ102T | 1K 1/4W [M] | R622 | ERDS2TJ334T | 330K 1/4W [M] |
| R359 | ERDS2TJ182T | 1.8K 1/4W [M] | R466 | ERDS2TJ563T | 56K 1/4W [M] | R544 | ERDS2TJ102T | 1K 1/4W [M] | R623 | ERDS2TJ684T | 680K 1/4W [M] |
| R360 | ERDS2TJ182T | 1.8K 1/4W [M] | R469 | ERDS2TJ102T | 1K 1/4W [M] | R545 | ERDS2TJ684T | 680K 1/4W [M] | R624 | ERDS2TJ154T | 150K 1/4W [M] |
| R361 | ERD2FCVG220T | 22 1/4W [M] | R470 | ERDS2TJ102T | 1K 1/4W [M] | R546 | ERDS2TJ103T | 10K 1/4W [M] | R625 | ERDS2TJ154T | 150K 1/4W [M] |
| R362 | ERD2FCVG220T | 22 1/4W [M] | R481 | ERDS2TJ333T | 33K 1/4W [M] | R550 | ERDS2TJ332T | 3.3K 1/4W [M] | R626 | ERD25FVJ330T | 33 1/4W[M]▲ |
| R401 | ERDS2TJ102T | 1K 1/4W [M] | R482 | ERDS2TJ333T | 33K 1/4W [M] | R551 | ERDS2TJ102T | 1K 1/4W [M] | R627 | ERDS2TJ101T | 100 1/4W [M] |
| R402 | ERDS2TJ102T | 1K 1/4W [M] | R483 | ERDS2TJ183T | 18K 1/4W [M] | R552 | ERDS2TJ102T | 1K 1/4W [M] | R628 | ERD25FVJ330T | 33 1/4W[M]▲ |
| R405 | ERDS2TJ102T | 1K 1/4W [M] | R484 | ERDS2TJ681T | 680 1/4W [M] | R553 | ERDS2TJ104T | 100K 1/4W [M] | R629 | ERD25FVJ390T | 39 1/4W[M]▲ |
| R406 | ERDS2TJ102T | 1K 1/4W [M] | R485 | ERDS2TJ224T | 220K 1/4W [M] | R554 | ERDS2TJ104T | 100K 1/4W [M] | R630 | ERD25FVJ390T | 39 1/4W[M]▲ |
| R407 | ERDS2TJ102T | 1K 1/4W [M] | R486 | ERDS2TJ102T | 1K 1/4W [M] | R555 | ERDS2TJ223T | 22K 1/4W [M] | R631 | ERDS2TJ274T | 270K 1/4W [M] |
| R408 | ERDS2TJ102T | 1K 1/4W [M] | R487 | ERDS2TJ472T | 4.7K 1/4W [M] | R556 | ERDS2TJ223T | 22K 1/4W [M] | R632 | ERDS2TJ223T | 22K 1/4W [M] |
| R411 | ERDS2TJ102T | 1K 1/4W [M] | R501 | ERDS2TJ222T | 2.2K 1/4W [M] | R557 | ERDS2TJ681T | 680 1/4W [M] | R637 | ERG1SJ101E | 100 1W[M]▲ |
| R412 | ERDS2TJ102T | 1K 1/4W [M] | R502 | ERDS2TJ222T | 2.2K 1/4W [M] | R558 | ERDS2TJ681T | 680 1/4W [M] | R638 | ERG1SJ101E | 100 1W[M]▲ |

| Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks |
|---------|--------------|------------------|---------|--------------|------------------|---------|-------------|------------------|---------|--------------|------------------|
| R639 | ERG1SJ101E | 100 1W[M]▲ | R690 | ERDS2TJ270T | 27 1/4W [M] | R793 | ERDS2TJ223T | 22K 1/4W [M] | R971 | ERDS2TJ122T | 1.2K 1/4W [M] |
| R640 | ERG1SJ101E | 100 1W[M]▲ | R691 | ERDS2TJ270T | 27 1/4W [M] | R794 | ERDS2TJ223T | 22K 1/4W [M] | R972 | ERDS2TJ152T | 1.5K 1/4W [M] |
| R642 | ERDS2TJ104T | 100K 1/4W [M] | R692 | ERDS2TJ270T | 27 1/4W [M] | R795 | ERDS2TJ223T | 22K 1/4W [M] | R973 | ERDS2TJ182T | 1.8K 1/4W [M] |
| R643 | ERDS2TJ683T | 68K 1/4W [M] | R693 | ERDS2TJ270T | 27 1/4W [M] | R796 | ERDS2TJ223T | 22K 1/4W [M] | R974 | ERDS2TJ222T | 2.2K 1/4W [M] |
| R644 | ERDS2TJ682T | 6.8K 1/4W [M] | R694 | ERDS2TJ270T | 27 1/4W [M] | R797 | ERDS2TJ682T | 6.8K 1/4W [M] | R975 | ERDS2TJ332T | 3.3K 1/4W [M] |
| R645 | ERDS2TJ682T | 6.8K 1/4W [M] | R695 | ERDS2TJ102T | 1K 1/4W [M] | R799 | ERDS2TJ682T | 6.8K 1/4W [M] | R980 | ERDS2TJ102T | 1K 1/4W [M] |
| R646 | ERDS2TJ682T | 6.8K 1/4W [M] | R696 | ERDS2TJ102T | 1K 1/4W [M] | R901 | ERDS2TJ102T | 1K 1/4W [M] | R981 | ERDS2TJ122T | 1.2K 1/4W [M] |
| R647 | ERDS2TJ221T | 220 1/4W [M] | R697 | ERDS2TJ221T | 220 1/4W [M] | R906 | ERDS2TJ104T | 100K 1/4W [M] | R982 | ERDS2TJ152T | 1.5K 1/4W [M] |
| R648 | ERDS2TJ221T | 220 1/4W [M] | R698 | ERDS2TJ221T | 220 1/4W [M] | R907 | ERDS2TJ104T | 100K 1/4W [M] | R983 | ERDS2TJ182T | 1.8K 1/4W [M] |
| R651 | ERDS2TJ102T | 1K 1/4W [M] | R699 | ERDS2TJ332T | 3.3K 1/4W [M] | R908 | ERDS2TJ104T | 100K 1/4W [M] | R984 | ERDS2TJ222T | 2.2K 1/4W [M] |
| R652 | ERDS2TJ102T | 1K 1/4W [M] | R703 | ERDS1FVJ3R9T | 3.9 1/2W[M]▲ | R909 | ERDS2TJ104T | 100K 1/4W [M] | R1001 | ERDS2TJ102T | 1K 1/4W [M] |
| R653 | ERDS2TJ563T | 56K 1/4W [M] | R704 | ERDS1FVJ3R9T | 3.9 1/2W[M]▲ | R910 | ERDS2TJ102T | 1K 1/4W [M] | R1002 | ERDS2TJ102T | 1K 1/4W [M] |
| R654 | ERDS2TJ563T | 56K 1/4W [M] | R705 | ERDS2TJ472T | 4.7K 1/4W [M] | R911 | ERDS2TJ104T | 100K 1/4W [M] | R1003 | ERDS2TJ102T | 1K 1/4W [M] |
| R655 | ERDS2TJ182T | 1.8K 1/4W [M] | R706 | ERDS2TJ102T | 1K 1/4W [M] | R913 | ERDS2TJ104T | 100K 1/4W [M] | R1004 | ERDS2TJ102T | 1K 1/4W [M] |
| R656 | ERDS2TJ182T | 1.8K 1/4W [M] | R707 | ERD25FVJ221T | 220 1/4W[M]▲ | R917 | ERDS2TJ103T | 10K 1/4W [M] | R1005 | ERDS2TJ203T | 20K 1/4W [M] |
| R657 | ERDS2TJ563T | 56K 1/4W [M] | R708 | ERDS2TJ152T | 1.5K 1/4W [M] | R920 | ERDS2TJ271T | 270 1/4W [M] | R1007 | ERDS2TJ473T | 47K 1/4W [M] |
| R658 | ERDS2TJ563T | 56K 1/4W [M] | R709 | ERDS2TJ1R5T | 1.5 1/4W [M] | R921 | ERDS2TJ121T | 120 1/4W [M] | R1008 | ERDS2TJ473T | 47K 1/4W [M] |
| R659 | ERDS2TJ470T | 47 1/4W [M] | R710 | ERDS2TJ1R5T | 1.5 1/4W [M] | R922 | ERDS2TJ472T | 4.7K 1/4W [M] | R1009 | ERDS2TJ332T | 3.3K 1/4W [M] |
| R660 | ERDS2TJ470T | 47 1/4W [M] | R711 | ERDS2TJ752T | 7.5K 1/4W [M] | R924 | ERDS2TJ333T | 33K 1/4W [M] | R1010 | ERDS2TJ332T | 3.3K 1/4W [M] |
| R661 | ERDS1FVJ100T | 10 1/2W [M] | R712 | ERDS2TJ682T | 6.8K 1/4W [M] | R927 | ERDS2TJ181T | 180 1/4W [M] | R1011 | ERDS2TJ332T | 3.3K 1/4W [M] |
| R662 | ERDS1FVJ100T | 10 1/2W [M] | R713 | ERDS2TJ390T | 39 1/4W [M] | R928 | ERDS2TJ121T | 120 1/4W [M] | R1012 | ERDS2TJ102T | 1K 1/4W [M] |
| R663 | ERDS2TJ102T | 1K 1/4W [M] | R714 | ERDS2TJ390T | 39 1/4W [M] | R929 | ERDS2TJ101T | 100 1/4W [M] | R1013 | ERDS2TJ103T | 10K 1/4W [M] |
| R664 | ERDS2TJ102T | 1K 1/4W [M] | R721 | ERD2FCVG331T | 330 1/4W[M]▲ | R930 | ERDS2TJ101T | 100 1/4W [M] | R1014 | ERDS2TJ104T | 100K 1/4W [M] |
| R665 | ERDS2TJ154T | 150K 1/4W [M] | R722 | ERDS2TJ123T | 12K 1/4W [M] | R936 | ERDS2TJ104T | 100K 1/4W [M] | R1051 | ERDS2TJ393T | 39K 1/4W [M] |
| R666 | ERDS2TJ184T | 180K 1/4W [M] | R723 | ERDS1FVJ3R9T | 3.9 1/2W[M]▲ | R937 | ERDS2TJ104T | 100K 1/4W [M] | R1052 | ERDS2TJ105T | 1M 1/4W [M] |
| R667 | ERDS2TJ473T | 47K 1/4W [M] | R724 | ERDS1FVJ3R9T | 3.9 1/2W[M]▲ | R941 | ERDS2TJ472T | 4.7K 1/4W [M] | R1053 | ERDS2TJ102T | 1K 1/4W [M] |
| R668 | ERDS2TJ473T | 47K 1/4W [M] | R725 | ERDS2TJ821T | 820 1/4W [M] | R943 | ERDS2TJ102T | 1K 1/4W [M] | R1055 | ERDS2TJ224T | 220K 1/4W [M] |
| R669 | ERDS2TJ223T | 22K 1/4W [M] | R726 | ERD25FVJ101T | 100 1/4W[M]▲ | R944 | ERDS2TJ104T | 100K 1/4W [M] | R1056 | ERDS2TJ153T | 15K 1/4W [M] |
| R670 | ERD25FVJ220T | 22 1/4W [M] | R727 | ERD25FVJ101T | 100 1/4W[M]▲ | R945 | ERDS2TJ104T | 100K 1/4W [M] | R1061 | ERDS2TJ222T | 2.2K 1/4W [M] |
| R671 | ERDS2TJ332T | 3.3K 1/4W [M] | R729 | ERDS2TJ684T | 680K 1/4W [M] | R946 | ERDS2TJ103T | 10K 1/4W [M] | R1062 | ERDS2TJ273T | 27K 1/4W [M] |
| R672 | ERDS2TJ334T | 330K 1/4W [M] | R730 | ERDS1FVJ5R6T | 5.6 1/2W[M]▲ | R947 | ERDS2TJ103T | 10K 1/4W [M] | R1063 | ERDS2TJ332T | 3.3K 1/4W [M] |
| R673 | ERDS2TJ684T | 680K 1/4W [M] | R754 | ERDS2TJ102T | 1K 1/4W [M] | R948 | ERDS2TJ103T | 10K 1/4W [M] | | | |
| R674 | ERDS2TJ154T | 150K 1/4W [M] | R771 | ERDS2TJ473T | 47K 1/4W [M] | R949 | ERDS2TJ103T | 10K 1/4W [M] | | | CAPACITORS |
| R675 | ERDS2TJ154T | 150K 1/4W [M] | R772 | ERDS2TJ473T | 47K 1/4W [M] | R950 | ERDS2TJ102T | 1K 1/4W [M] | | | |
| R676 | ERDS2TJ274T | 270K 1/4W [M] | R773 | ERDS2TJ103T | 10K 1/4W [M] | R951 | ERDS2TJ122T | 1.2K 1/4W [M] | C101 | ECBT1C103NS5 | 0.01 16V [M] |
| R677 | ERDS2TJ101T | 100 1/4W [M] | R774 | ERDS2TJ335T | 3.3M 1/4W [M] | R952 | ERDS2TJ152T | 1.5K 1/4W [M] | C103 | ECBT1C103NS5 | 0.01 16V [M] |
| R678 | ERD25FVJ330T | 33 1/4W[M]▲ | R775 | ERDS2TJ331T | 330 1/4W [M] | R953 | ERDS2TJ182T | 1.8K 1/4W [M] | C104 | ECBT1H102KB5 | 1000P 50V [M] |
| R679 | ERD25FVJ390T | 39 1/4W[M]▲ | R776 | ERDS1FVJ4R7T | 4.7 1/2W[M]▲ | R954 | ERDS2TJ222T | 2.2K 1/4W [M] | C105 | ECBT1H470J5 | 47P 50V [M] |
| R680 | ERD25FVJ390T | 39 1/4W[M]▲ | R777 | ERDS2TJ224T | 220K 1/4W [M] | R955 | ERDS2TJ332T | 3.3K 1/4W [M] | C106 | ECBT1C103NS5 | 0.01 16V [M] |
| R681 | ERDS2TJ270T | 27 1/4W [M] | R778 | ERDS2TJ472T | 4.7K 1/4W [M] | R956 | ERDS2TJ472T | 4.7K 1/4W [M] | C107 | ECBT1H473ZF5 | 0.047 50V [M] |
| R682 | ERDS2TJ270T | 27 1/4W [M] | R779 | ERDS2TJ103T | 10K 1/4W [M] | R957 | ERDS2TJ682T | 6.8K 1/4W [M] | C108 | ECBT1H8R2KC5 | 8.2P 50V [M] |
| R683 | ERDS2TJ270T | 27 1/4W [M] | R782 | ERDS2TJ470T | 47 1/4W [M] | R958 | ERDS2TJ123T | 12K 1/4W [M] | C109 | ECBT1C103NS5 | 0.01 16V [M] |
| R684 | ERDS2TJ270T | 27 1/4W [M] | R783 | ERDS2TJ103T | 10K 1/4W [M] | R960 | ERDS2TJ102T | 1K 1/4W [M] | C110 | ECBT1C103NS5 | 0.01 16V [M] |
| R685 | ERDS2TJ270T | 27 1/4W [M] | R784 | ERDS2TJ154T | 150K 1/4W [M] | R961 | ERDS2TJ122T | 1.2K 1/4W [M] | C111 | ECEA1EKA4R7B | 4.7 25V [M] |
| R686 | ERDS2TJ270T | 27 1/4W [M] | R785 | ERDS2TJ103T | 10K 1/4W [M] | R962 | ERDS2TJ152T | 1.5K 1/4W [M] | C112 | ECBT1C103NS5 | 0.01 16V [M] |
| R687 | ERDS2TJ270T | 27 1/4W [M] | R786 | ERDS2TJ154T | 150K 1/4W [M] | R963 | ERDS2TJ182T | 1.8K 1/4W [M] | C113 | ECBT1H102KB5 | 1000P 50V [M] |
| R688 | ERDS2TJ270T | 27 1/4W [M] | R791 | ERDS2TJ223T | 22K 1/4W [M] | R964 | ERDS2TJ222T | 2.2K 1/4W [M] | C114 | ECEA1HKA3R3B | 3.3 50V [M] |
| R689 | ERDS2TJ270T | 27 1/4W [M] | R792 | ERDS2TJ223T | 22K 1/4W [M] | R970 | ERDS2TJ102T | 1K 1/4W [M] | C115 | ECEA1EKA4R7B | 4.7 25V [M] |

| Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks |
|---------|--------------|------------------|---------|--------------|------------------|---------|--------------|------------------|---------|--------------|------------------|
| C116 | ECBT1C822MS5 | 8200P 16V [M] | C357 | ECA1AM470B | 47 10V [M] | C466 | ECBT1E103ZF5 | 0.01 25V [M] | C560 | ECEA1CKA100B | 10 16V [M] |
| C117 | ECQB1H471JM3 | 470P 50V [M] | C358 | ECA1AM470B | 47 10V [M] | C469 | ECBT1H181KB5 | 180P 50V [M] | C583 | ECA1AM470B | 47 10V [M] |
| C118 | ECQB1H103JM3 | 0.01 50V [M] | C359 | ECBT1E103ZF5 | 0.01 25V [M] | C470 | ECBT1H181KB5 | 180P 50V [M] | C584 | ECA1AM470B | 47 10V [M] |
| C119 | ECQB1H103JM3 | 0.01 50V [M] | C360 | ECBT1E103ZF5 | 0.01 25V [M] | C480 | ECBT1E103ZF5 | 0.01 25V [M] | C601 | ECEA1HN3R3SB | 3.3 50V [M] |
| C120 | ECEA1HKA010B | 1 50V [M] | C401 | ECEA1VKA4R7B | 4.7 35V[M]▲ | C481 | ECEA1HN010SB | 1 50V [M] | C602 | ECEA1HN3R3SB | 3.3 50V [M] |
| C121 | ECEA1HKA010B | 1 50V [M] | C402 | ECEA1VKA4R7B | 4.7 35V[M]▲ | C482 | ECEA1VU4R7B | 4.7 35V [M] | C603 | ECBT1H681KB5 | 680P 50V [M] |
| C122 | ECEA1HKA2R2B | 2.2 50V [M] | C403 | ECBT1E103ZF5 | 0.01 25V [M] | C483 | ECBT1H101KB5 | 100P 50V [M] | C604 | ECBT1H681KB5 | 680P 50V [M] |
| C123 | ECEA1HKA010B | 1 50V [M] | C404 | ECBT1E103ZF5 | 0.01 25V [M] | C503 | ECEA0JKA101B | 100 6.3V [M] | C605 | ECEA1JU220B | 22 63V [M] |
| C124 | ECBT1H102KB5 | 1000P 50V [M] | C405 | ECBT1H101KB5 | 100P 50V [M] | C504 | ECEA0JKA101B | 100 6.3V [M] | C606 | ECEA1JU220B | 22 63V [M] |
| C125 | ECBT1H150JC5 | 15P 50V [M] | C406 | ECBT1H101KB5 | 100P 50V [M] | C505 | ECFR1C104MR | 0.1 16V [M] | C607 | ECCR1H100K5 | 10P 50V [M] |
| C126 | ECBT1H104ZF5 | 0.1 50V [M] | C409 | ECA1EM220B | 22 25V[M]▲ | C506 | ECFR1C104MR | 0.1 16V [M] | C608 | ECCR1H100K5 | 10P 50V [M] |
| C127 | ECEA1CKA220B | 22 16V [M] | C410 | ECA1EM220B | 22 25V[M]▲ | C511 | ECEA1HKA3R3B | 3.3 50V [M] | C609 | ECBT1H221KB5 | 220P 50V [M] |
| C128 | ECBT1C103NS5 | 0.01 16V [M] | C411 | ECBT1H101KB5 | 100P 50V [M] | C512 | ECEA1HKA3R3B | 3.3 50V [M] | C610 | ECBT1H221KB5 | 220P 50V [M] |
| C129 | ECEA0JKA101B | 100 6.3V [M] | C412 | ECBT1H101KB5 | 100P 50V [M] | C513 | ECBT1H150J5 | 15P 50V [M] | C611 | ECQV1H104JM3 | 0.1 50V [M] |
| C130 | ECEA0JKA101B | 100 6.3V [M] | C413 | ECA1CM100B | 10 16V [M] | C514 | ECBT1H150J5 | 15P 50V [M] | C612 | ECQV1H104JM3 | 0.1 50V [M] |
| C131 | ECBT1C103NS5 | 0.01 16V [M] | C414 | ECA1CM100B | 10 16V [M] | C515 | ECBT1H221KB5 | 220P 50V [M] | C613 | ECBT1H681KB5 | 680P 50V [M] |
| C132 | ECBT1H102KB5 | 1000P 50V [M] | C415 | ECBT1E103ZF5 | 0.01 25V [M] | C516 | ECBT1H221KB5 | 220P 50V [M] | C614 | ECBT1H681KB5 | 680P 50V [M] |
| C133 | ECBT1H150JC5 | 15P 50V [M] | C416 | ECBT1E103ZF5 | 0.01 25V [M] | C517 | ECBT1H330J5 | 33P 50V [M] | C615 | ECA1JM330B | 33 6.3V [M] |
| C134 | ECBT1H180JC5 | 18P 50V [M] | C417 | ECBT1H101KB5 | 100P 50V [M] | C518 | ECBT1H330J5 | 33P 50V [M] | C616 | ECEA2AU100B | 10 100V [M] |
| C135 | ECBT1C103MS5 | 0.01 16V [M] | C418 | ECBT1H101KB5 | 100P 50V [M] | C519 | ECEA1VKA4R7B | 4.7 35V [M] | C617 | ECEA1JU220B | 22 63V [M] |
| C136 | ECBT1C103MS5 | 0.01 16V [M] | C419 | ECBT1H331KB5 | 330P 50V [M] | C520 | ECEA1VKA4R7B | 4.7 35V [M] | C618 | ECEA2AN2R2SB | 2.2 100V [M] |
| C137 | ECBT1H561KB5 | 560P 50V [M] | C420 | ECBT1H331KB5 | 330P 50V [M] | C521 | ECEA1VKA4R7B | 4.7 35V [M] | C619 | ECBT1H102KB5 | 1000P 50V [M] |
| C138 | ECBT1H561KB5 | 560P 50V [M] | C421 | ECBT1H331KB5 | 330P 50V [M] | C522 | ECEA1VKA4R7B | 4.7 35V [M] | C621 | ECEA2AU100B | 10 100V [M] |
| C139 | ECQB1H682JM3 | 6800P 50V [M] | C422 | ECBT1H331KB5 | 330P 50V [M] | C523 | ECFR1E123KR | 0.012 25V [M] | C622 | ECEA2AU100B | 10 100V [M] |
| C140 | ECQB1H682JM3 | 6800P 50V [M] | C423 | ECBT1H101KB5 | 100P 50V [M] | C524 | ECFR1E123KR | 0.012 25V [M] | C631 | ECKR1H223ZF5 | 0.022 50V [M] |
| C141 | ECEA1HKA010B | 1 50V [M] | C424 | ECBT1H101KB5 | 100P 50V [M] | C525 | ECQV1H683JM3 | 0.068 50V [M] | C632 | ECKR1H223ZF5 | 0.022 50V [M] |
| C142 | ECEA1HKA010B | 1 50V [M] | C425 | ECBT1H101KB5 | 100P 50V [M] | C526 | ECQV1H683JM3 | 0.068 50V [M] | C633 | ECKR1H223ZF5 | 0.022 50V [M] |
| C143 | ECEA1HKA010B | 1 50V [M] | C426 | ECBT1H101KB5 | 100P 50V [M] | C527 | ECBT1C562KR5 | 5600P 16V [M] | C634 | ECKR1H223ZF5 | 0.022 50V [M] |
| C144 | ECEA1HKA010B | 1 50V [M] | C427 | ECBT1H221KB5 | 220P 50V [M] | C528 | ECBT1C562KR5 | 5600P 16V [M] | C635 | ECKR1H223ZF5 | 0.022 50V [M] |
| C145 | ECBT1H220JC5 | 22P 50V [M] | C428 | ECBT1H221KB5 | 220P 50V [M] | C529 | ECQB1H273JM3 | 0.027 50V [M] | C636 | ECKR1H223ZF5 | 0.022 50V [M] |
| C146 | ECBT1H331KB5 | 330P 50V [M] | C431 | ECA1CM100B | 10 16V [M] | C530 | ECQB1H273JM3 | 0.027 50V [M] | C637 | ECKR1H223ZF5 | 0.022 50V [M] |
| C147 | ECBT1H102KB5 | 1000P 50V [M] | C432 | ECA1CM100B | 10 16V [M] | C531 | ECBT1E103ZF5 | 0.01 25V [M] | C638 | ECKR1H223ZF5 | 0.022 50V [M] |
| C148 | ECBT1C103NS5 | 0.01 16V [M] | C440 | ECBT1E103ZF5 | 0.01 25V [M] | C532 | ECBT1E103ZF5 | 0.01 25V [M] | C641 | ECKR1H102ZF5 | 1000P 50V [M] |
| C149 | ECBT1C103NS5 | 0.01 16V [M] | C451 | ECEA1VU4R7B | 4.7 35V [M] | C533 | ECEA1CKA100B | 10 16V [M] | C642 | ECKR1H102ZF5 | 1000P 50V [M] |
| C150 | ECBT1H104ZF5 | 0.1 50V [M] | C452 | ECEA1VU4R7B | 4.7 35V [M] | C534 | ECEA1CKA100B | 10 16V [M] | C643 | ECBT1H470J5 | 47P 50V [M] |
| C172 | ECBT1H331KB5 | 330P 50V [M] | C453 | ECBT1H100JC5 | 10P 50V [M] | C535 | ECBT1H104ZF5 | 0.1 50V [M] | C651 | ECEA1HN3R3SB | 3.3 50V [M] |
| C173 | ECEA1CKA220B | 22 16V [M] | C454 | ECBT1H100JC5 | 10P 50V [M] | C536 | ECBT1E103ZF5 | 0.01 25V [M] | C652 | ECEA1HN3R3SB | 3.3 50V [M] |
| C174 | ECEA1CKA101B | 100 16V [M] | C455 | ECBT1H102KB5 | 1000P 50V [M] | C537 | ECA1CM100B | 10 16V [M] | C653 | ECBT1H681KB5 | 680P 50V [M] |
| C175 | ECBT1C103NS5 | 0.01 16V [M] | C456 | ECBT1H102KB5 | 1000P 50V [M] | C538 | ECA1CM100B | 10 16V [M] | C654 | ECBT1H681KB5 | 680P 50V [M] |
| C176 | ECBT1C103NS5 | 0.01 16V [M] | C457 | ECEA1AU330B | 33 10V [M] | C551 | ECEA1HKA3R3B | 3.3 50V [M] | C655 | ECEA1JU220B | 22 63V [M] |
| C181 | ECBT1H471KB5 | 470P 50V [M] | C458 | ECEA1AU330B | 33 10V [M] | C552 | ECEA1HKA3R3B | 3.3 50V [M] | C656 | ECEA1JU220B | 22 63V [M] |
| C196 | ECBT1H102KB5 | 1000P 50V [M] | C459 | ECFR1E223KR | 0.022 25V [M] | C553 | ECBT1H101KB5 | 100P 50V [M] | C657 | ECCR1H100K5 | 10P 50V [M] |
| C351 | ECA1CM220B | 22 16V [M] | C460 | ECFR1E223KR | 0.022 25V [M] | C554 | ECBT1H101KB5 | 100P 50V [M] | C658 | ECCR1H100K5 | 10P 50V [M] |
| C352 | ECA1CM220B | 22 16V [M] | C461 | ECFR1E682KR | 6800P 25V [M] | C555 | ECBT1H221KB5 | 220P 50V [M] | C659 | ECBT1H221KB5 | 220P 50V [M] |
| C353 | ECBT1H470J5 | 47P 50V [M] | C462 | ECFR1E682KR | 6800P 25V [M] | C556 | ECBT1H221KB5 | 220P 50V [M] | C660 | ECBT1H221KB5 | 220P 50V [M] |
| C354 | ECBT1H470J5 | 47P 50V [M] | C463 | ECEA1VU4R7B | 4.7 35V [M] | C557 | ECBT1E103ZF5 | 0.01 25V [M] | C663 | ECBT1H681KB5 | 680P 50V [M] |
| C355 | ECBT1E103ZF5 | 0.01 25V [M] | C464 | ECEA1VU4R7B | 4.7 35V [M] | C558 | ECBT1E103ZF5 | 0.01 25V [M] | C664 | ECBT1H681KB5 | 680P 50V [M] |
| C356 | ECBT1E103ZF5 | 0.01 25V [M] | C465 | ECBT1E103ZF5 | 0.01 25V [M] | C559 | ECEA1CKA100B | 10 16V [M] | C665 | ECA1JM330B | 33 6.3V [M] |

| Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks | Ref No. | Part No. | Values & Remarks |
|---------|--------------|------------------|---------|--------------|------------------|---------|--------------|-------------------|---------|--------------|-------------------|
| C666 | ECEA2AU100B | 10 100V [M] | C755 | ECEA1CKA470B | 47 16V[M]▲ | C949 | ECBT1H101KB5 | 100P 50V [M] | C1028 | ECEA1HKAR47B | 0.47 50V [M] |
| C667 | ECEA1JU220B | 22 63V [M] | C757 | ECEA1CKA100B | 10 16V[M]▲ | C955 | ECBT1H101KB5 | 100P 50V [M] | C1029 | ECEA1HKA4R7B | 4.7 50V [M] |
| C668 | ECEA2AN2R2SB | 2.2 100V [M] | C758 | ECA1AM101B | 100 10V [M] | C956 | ECBT1H101KB5 | 100P 50V [M] | C1030 | ECEA1HKAR47B | 0.47 50V [M] |
| C669 | ECBT1H102KB5 | 1000P 50V [M] | C771 | ECA1HM4R7B | 4.7 50V [M] | C1001 | ECEA1HKA010B | 1 50V [M] | C1031 | ECQV1H104JM3 | 0.1 50V [M] |
| C671 | ECEA2AU100B | 10 100V [M] | C772 | ECA1HM4R7B | 4.7 50V [M] | C1002 | ECEA1HKA010B | 1 50V [M] | C1032 | ECQV1H104JM3 | 0.1 50V [M] |
| C672 | ECEA2AU100B | 10 100V [M] | C773 | ECBT1E223ZF5 | 0.022 25V [M] | C1003 | ECEA1HKA3R3B | 3.3 50V [M] | C1033 | ECEA0JKA470B | 47 6.3V [M] |
| C681 | ECEA1HN100SB | 10 50V [M] | C774 | ECA0JM101B | 01 6.3V [M] | C1004 | ECEA1HKA3R3B | 3.3 50V [M] | C1034 | ECQV1H474JM3 | 0.47 50V [M] |
| C682 | ECEA1HN100SB | 10 50V [M] | C775 | ECFR1E223KR | 0.022 25V [M] | C1005 | ECEA1HKA010B | 1 50V [M] | C1035 | ECBT1H681KB5 | 680P 50V [M] |
| C683 | ECBT1C332KR5 | 3300P 16V [M] | C901 | ECA0JM102B | 02 6.3V[M]▲ | C1007 | ECFR1E223KR | 0.022 25V [M] | C1036 | ECBT1H101KB5 | 100P 50V [M] |
| C684 | ECBT1C332KR5 | 3300P 16V [M] | C902 | ECBT1H104ZF5 | 0.1 50V [M] | C1008 | ECFR1E473KR | 0.047 25V [M] | C1037 | ECBT1H101KB5 | 100P 50V [M] |
| C685 | ECBT1E103ZF5 | 0.01 25V [M] | C903 | ECBT1E103ZF5 | 0.01 25V [M] | C1009 | ECA0JM221B | 220 6.3V[M](EB) | C1038 | ECBT1H101KB5 | 100P 50V [M] |
| C701 | ECBT1E103ZF5 | 0.01 25V [M] | C904 | ECA0JM102B | 02 6.3V[M]▲ | C1009 | ECEA0JU221B | 220 6.3V[M](EG,E) | C1039 | ECEA1CU101B | 100 16V [M] |
| C702 | ECQE2104KF3 | 0.1 250V [M] | C906 | ECEA0JKA101B | 100 6.3V[M]▲ | C1010 | ECEA1CKA100B | 10 16V [M] | C1040 | ECEA1CKA100B | 10 16V[M]▲ |
| C703 | EC0S1JP682CB | 6800P 63V[M]▲ | C908 | ECBT1E103ZF5 | 0.01 25V [M] | C1011 | ECEA1CKA100B | 10 16V [M] | C1041 | ECBT1E103ZF5 | 0.01 25V [M] |
| C704 | EC0S1JP682CB | 6800P 63V[M]▲ | C909 | ECEA1VKA220B | 22 35V[M]▲ | C1012 | ECEA1CKA100B | 10 16V [M] | C1051 | ECEA1HKA2R2B | 2.2 50V [M] |
| C705 | EC0S1VP562BB | 5600P 35V[M]▲ | C910 | ECEA1VKA220B | 22 35V[M]▲ | C1013 | ECEA1CKA100B | 10 16V [M] | C1052 | ECEA1HKAR33B | 0.33 50V [M] |
| C706 | EC0S1VP562BB | 5600P 35V[M]▲ | C911 | ECEA1VKA220B | 22 35V[M]▲ | C1014 | ECA0JM221B | 220 6.3V[M](EB) | C1053 | ECEA1HKA3R3B | 3.3 50V [M] |
| C707 | ECA1VM101B | 100 35V[M]▲ | C912 | ECEA1VKA220B | 22 35V[M]▲ | C1014 | ECEA0JU221B | 220 6.3V[M](EG,E) | C1054 | ECA0JM221B | 220 6.3V[M](EB) |
| C708 | ECKR1H103ZF5 | 0.01 50V [M] | C913 | ECEA1VKA100B | 10 35V [M] | C1015 | ECQV1H104JM3 | 0.1 50V [M] | C1054 | ECEA0JU221B | 220 6.3V[M](EG,E) |
| C709 | ECA1CM330B | 33 16V [M] | C914 | ECEA1VKA100B | 10 35V[M]▲ | C1016 | ECQV1H104JM3 | 0.1 50V [M] | C1055 | ECEA1HKAR47B | 0.47 50V [M] |
| C710 | ECBT1E103ZF5 | 0.01 25V [M] | C916 | ECEA1HKA010B | 1 50V [M] | C1017 | ECEA1HKAR47B | 0.47 50V [M] | C1056 | ECFR1E823KR | 0.082 25V [M] |
| C711 | ECKR1H103ZF5 | 0.01 50V [M] | C917 | ECEA1HKAR47B | 0.47 50V [M] | C1018 | ECEA1HKA4R7B | 4.7 50V [M] | C1057 | ECFR1E332KR | 3300P 25V [M] |
| C712 | ECA1HM100B | 10 50V[M]▲ | C918 | ECEA0JKA221B | 220 6.3V [M] | C1019 | ECEA1HKAR47B | 0.47 50V [M] | C1058 | ECFR1E823KR | 0.082 25V [M] |
| C713 | ECBT1E103ZF5 | 0.01 25V [M] | C919 | ECBT1E103ZF5 | 0.01 25V [M] | C1020 | ECEA1HKA4R7B | 4.7 50V [M] | C1059 | ECEA1CKA101B | 100 16V [M] |
| C714 | ECA1EM470B | 47 25V[M]▲ | C920 | ECEA1HKA010B | 1 50V [M] | C1021 | ECEA1HKAR15B | 0.15 50V [M] | C1060 | ECBT1E223ZF5 | 0.022 25V [M] |
| C715 | ECEA1CU101B | 100 16V [M] | C932 | ECBT1H101KB5 | 100P 50V [M] | C1022 | ECEA1HKA3R3B | 3.3 50V [M] | C1062 | ECBT1E223ZF5 | 0.022 25V [M] |
| C721 | ECQE2104KF3 | 0.1 250V [M] | C933 | ECBT1H101KB5 | 100P 50V [M] | C1023 | ECQV1H154JM3 | 0.15 50V [M] | C1063 | ECEA1CKA101B | 100 16V [M] |
| C751 | ECKWRS102MBC | 1000P 400V[M]▲ | C934 | ECBT1H101KB5 | 100P 50V [M] | C1024 | ECEA1HKA3R3B | 3.3 50V [M] | C1064 | ECEA1HKA010B | 1 50V [M] |
| C752 | ECKR1H103ZF5 | 0.01 50V [M] | C937 | ECBT1H101KB5 | 100P 50V [M] | C1025 | ECQV1H154JM3 | 0.15 50V [M] | C1065 | ECBT1H681KB5 | 680P 50V [M] |
| C753 | ECA1EM102EV | 1000 25V[M]▲ | C941 | ECBT1H101KB5 | 100P 50V [M] | C1026 | ECEA1HKAR15B | 0.15 50V [M] | C1067 | ECBT1C152KR5 | 1500P 16V [M] |
| C754 | ECBT1E103ZF5 | 0.01 25V [M] | C948 | ECBT1H101KB5 | 100P 50V [M] | C1027 | ECEA1HKA4R7B | 4.7 50V [M] | C1068 | ECBT1C152KR5 | 1500P 16V [M] |

■ Packaging (Refer to page 44 for the Parts List.)



ACCESSORY

| | |
|------------------------|-----------------------|
| P1 (SPSD152) | : ACCESSORY BOX |
| A1 (EUR644377) | : REMOTE CONTROL UNIT |
| A2 (RSA0010) | : AM LOOP ANT |
| A3 (RJA0019-2K)...E,EG | : AC CORD |
| A3 (VJA0733)...EB | : AC CORD |
| A4 (RSA0007) | : FM ANTENNA |
| A5 (RFKSEX510E-K)...E | : INSTR. MANUAL ASS'Y |
| A5 (RFKSEX510EBK)...EB | : INSTR. MANUAL ASS'Y |
| A5 (RFKSEX510EGK)...EG | : INSTR. MANUAL ASS'Y |
| A6 (SJP9009)...EB | : ANT ADAPTER |

