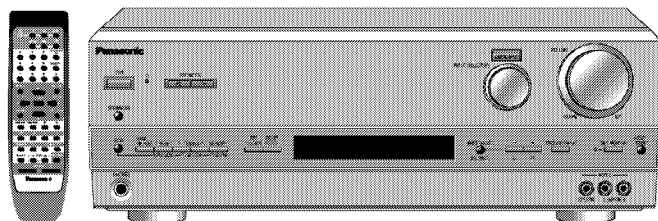


Service Manual

AV Control Receiver



SA-HE75E SA-HE75EB SA-HE75EG

Color

(K) ... Black Type

(S) ... Silver Type

■ AMPLIFIER SECTION

Power output	240 V (For EB only) 230 V (For E/EG only)
DIN 1 kHz (T.H.D 1%)	2 x 80 W (6 Ω)
40 Hz - 20 kHz continuous power output both channels driven	2 x 60 W (6 Ω)
Total harmonic distortion	
rated power at 40 Hz - 20 kHz	0.9% (6 Ω)
half power at 1 kHz	0.07% (6 Ω)
Power output at 1 kHz each channel driven	
Din 1 kHz (T.H.D. 1%)	
Front	2 x 80W (6 Ω)
Center	80 W (6 Ω)
Surround	2 x 80 W (6 Ω)
Power bandwidth both channels driven, -3dB	10Hz - 40 kHz (6 Ω)
Damping factor	30 (6Ω)
Load impedance	
Front	6-16Ω
Center	6-16Ω
Surround	6-16Ω
Frequency response	
CD, TAPE, DVD, TV, VCR 1, VCR 2	10 Hz - 40 kHz, ±3 dB
Input sensitivity and impedance	
CD, TAPE, DVD, TV, VCR 1, VCR 2	200 mV/ 22 kΩ
S/N at rated power (6Ω)	
CD, TAPE, DVD, TV, VCR 1, VCR 2	(IHF, A: 85 dB)
Tone controls	
BASS	50 Hz, ±10 to -10 dB
TREBLE	20 Hz, ±10 to -10 dB

Output voltage	200 mV
TAPE REC (OUT), VCR OUT	
Channel balance (250 Hz - 6.3 kHz)	±1 dB
Channel separation	55 dB
Headphone output level and impedance	(430 mV/ 330 Ω)
Subwoofer frequency response (-6 dB)	7 - 220 Hz

■ FM TUNER SECTION

Frequency range	87.50 Hz - 108.00 MHz
Sensitivity	
S/N 30 dB	1.5 μV/ 75 Ω
S/N 26 dB	1.3 μV/ 75 Ω
S/N 20 dB	1.2 μV/ 75 Ω
IHF usable sensitivity (IHF'58)	1.5 μV/ 75 Ω
IHF 46 dB stereo quieting sensitivity	22 μV/ 75 Ω
Total harmonic distortion	
MONO	0.2%
STEREO	0.3%
S/N	
MONO	60 dB (73 dB, IHF)
STEREO	58 dB (67 dB, IHF)
Frequency response	20 Hz - 15 kHz, + 1dB, -2dB
Alternate channel selectivity (±400 kHz)	65 dB
Capture ratio	1.5 dB
Image rejection at 98 MHz	40 dB
IF rejection at 98 MHz	70 dB
Spurious response rejection at 98 MHz	70 dB
AM suppression	50 dB
Stereo separation	
1 kHz	40 dB
Carrier leak	

Panasonic

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19 kHz	-30 dB (-35 dB, IHF)	Input/output impedance	75 Ω (unbalanced)
38 kHz	-50 dB (-55 dB, IHF)	■ GENERAL	
Channel balance (250 Hz - 6.3 kHz)	± 1.5 dB	Power supply	
Limiting point	1.2 μ V	(For E and EG only)	AC 230V, 50 Hz
Bandwidth		(For EB only)	AC 230V - 240V, 50 Hz
IF amplifier	180 kHz	Power Consumption in standby mode	2 W
FM demodulator	1000 kHz	Power consumption	220 W
Antenna terminal	75 Ω (unbalanced)	Dimensions (W x H x D)	430 x 158 x 390 mm
■ AM TUNER SECTION		Mass	8.5kg
Frequency range	522 - 1611 kHz (9 kHz steps)	Notes:	
	530 - 1620 kHz (10 kHz steps)	1. Specifications are subject to change without notice.	
Sensitivity	20 μ V, 300 μ V/m	Mass and dimensions are approximate.	
Selectivity (at 999 kHz)	55 dB	2. Total harmonic distortion is measured by the digital spectrum analyzer.	
IF rejection (at 999 kHz)	50 dB	* Manufactured under license from Dolby Laboratories.	
■ VIDEO SECTION		"Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.	
Output voltage at 1 V input (unbalanced)	1 $\pm$ 0.1 Vp-p	** Manufactured under license from Digital Theater System.	
Maximum input voltage	1.5 Vp-p	"DTS" and "DTS Digital Surround" are trademarks of Digital Theater System.	

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.

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1 Before Repair and Adjustment

Disconnect AC power, discharge Power Supply Capacitors C703 - C706, C901, C904 and C1702 through a 10 Ω , 5 W resistor to ground. DO NOT SHORT-CIRCUIT DIRECTLY (with a screw driver blade, for instance), as this may destroy solid state devices. After repairs are completed, restore power gradually using a variac, to avoid over current.

Current consumption at AC 230 V ~ 240 V, 50 Hz in NO SIGNAL mode should be 200~600 mA.

2 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.
- 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.

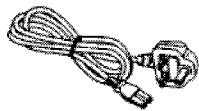
If this occurs, follow the procedure outlines below:

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.

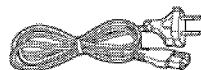
Note:

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

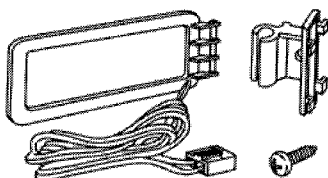
3 Accessories



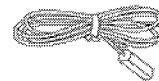
AC Main Lead(For
EB only)



AC Main Lead(For E, EG
only)



AM loop antenna Set



FM indoor antenna



Remote control
transmitter



Antenna plug
adapter.....(For EB
only)

4 Front Panel Controls

Control guide

Main unit

Standby indicator [ⓘ]

When the unit is connected to the AC mains supply, this indicator lights up in standby mode and goes out when the unit is turned on.

[-BAND, -FM MODE]

For switching between FM and AM.

If reception is poor in FM, press and hold until "MONO" appears to switch to monaural mode.

Standby/on switch [⏻/⏻]

Press to switch the unit from on to standby mode or vice versa.

In standby mode, the unit is still consuming a small amount of power.

[SPEAKERS]

Turning the speakers off automatically engages the STEREO mode (when listening through headphones, for example).

[RDS]

Press to use the RDS functions.

[PRESET, DISPLAY MODE]

Press to allow preset station selection with [TUNING, PTY SELECTOR, ∇, △] and change the RDS display.

[TUNING, PTY SELECTOR, ∇, △]

TUNING;

For tuning the radio and selecting preset stations.

Press and hold until the frequency starts scrolling to start automatic tuning. Tuning stops when a station is found.

PTY SELECTOR;

For changing the PTY display.

[PHONES]

Headphone jack.

Plug type: 6.3 mm stereo

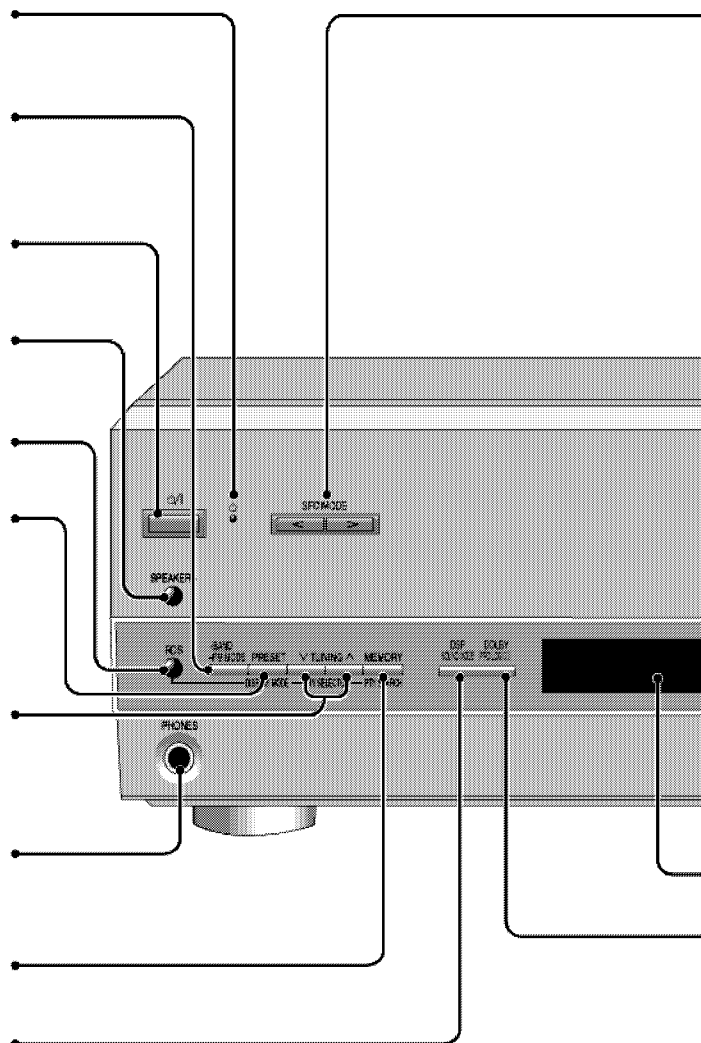
Avoid listening for prolonged periods of time to prevent hearing damage. Turn the speakers off when using the headphones.

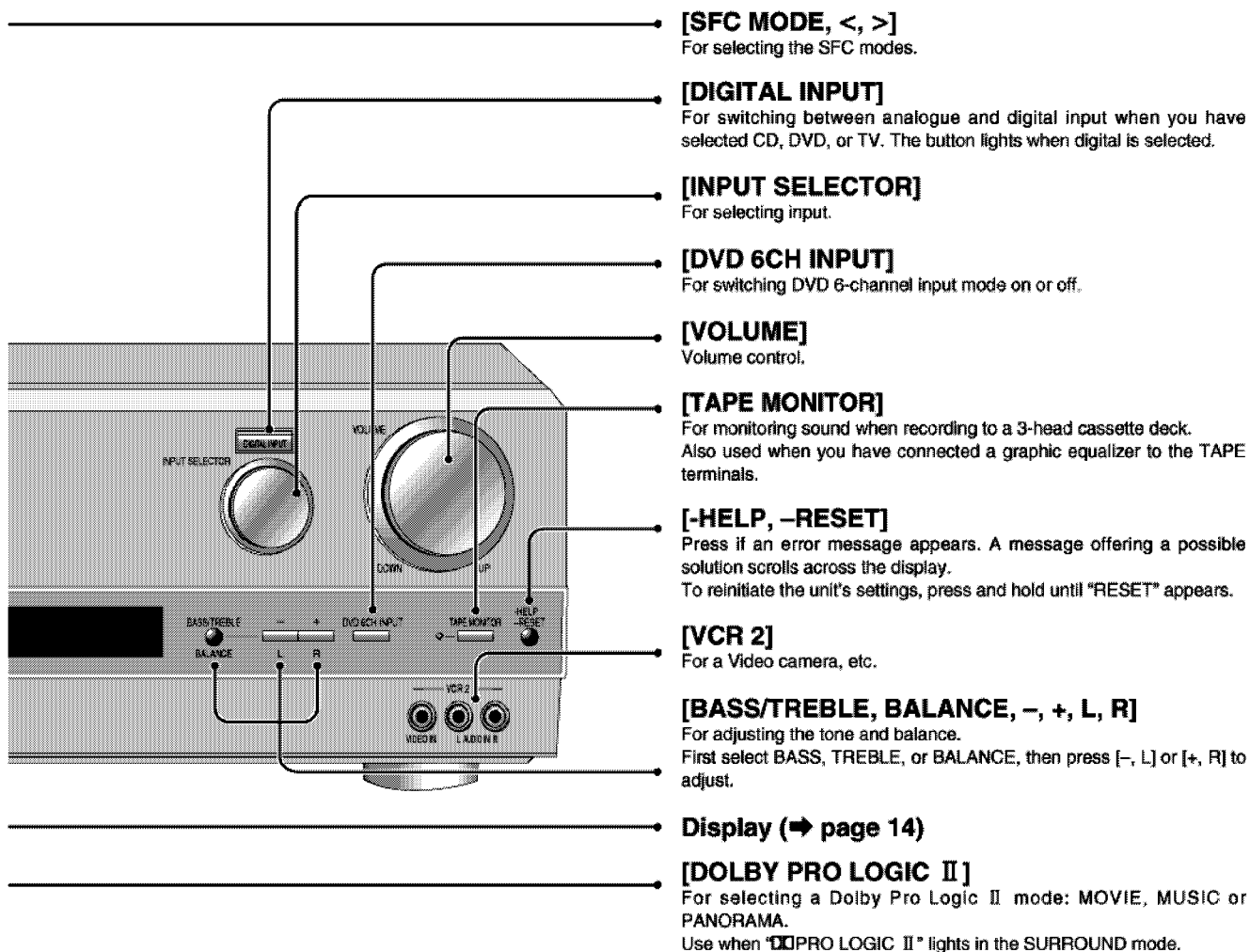
[MEMORY, PTY SEARCH]

For presetting radio stations and starting a PTY search.

[DSP SOUND MODE]

For selecting "STEREO", "SURROUND" or "SFC".





For your reference

- **When playing videotapes (VCR 1)**
The picture remains on the screen even if you select TAPE, CD, or TUNER.
- **Once you have set a mode (DSP, digital/analogue input, or 2-channel/6-channel input) for an input source**
That mode is engaged whenever you reselect the input source.
- **When DVD 6CH input is on**
Speaker settings are ineffective. Change the settings on the DVD player if necessary.
- **When input is DIGITAL**
The tape monitor cannot be used.
- **When using a graphic equalizer**
Some distortion may occur, depending on the equalizer's settings.
- **To adjust the tone**
The STEREO DSP mode must be on and input must be either analogue or PCM signals. You cannot adjust the tone while the DSP is defeated or if DVD 6CH INPUT is selected.
- **When using the subwoofer**
You cannot adjust subwoofer level while the DSP is defeated or if DVD 6CH INPUT is selected. Sound can be distorted if you raise the volume while subwoofer level is high. Reduce subwoofer level if this occurs.
- **Improving reception**
DSP DEFEAT
Press and hold [DSP SOUND MODE] until "DEFEAT" appears. Press and hold [DSP SOUND MODE] again to turn the DSP on.

Note

While the DSP is defeated, you cannot:

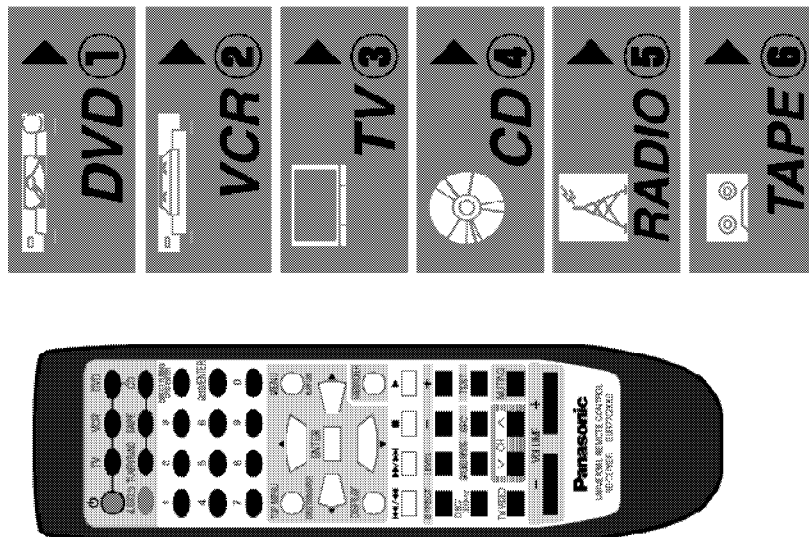
- Select DSP sound modes,
- Adjust the tone,
- Adjust individual speaker output, or
- Output a test signal,
- Use digital input.

5 Remote Control

Panasonic®

Remote Control Operation Guide

Model No. EUR7702KK0



This remote control is the key to your home theater experience.
Actual operations depend on your equipment and software.
Be sure to read the instructions for the receiver and your other components.
You may need to enter a code to operate some equipment.
See over for details.

Code table

	TV	VCR	DVD
Panasonic	01,02,26	01,02,09,33	01,18
Denon	—	—	01,17
Ferguson	—	—	02
Fisher	14	13,14,15 18,34	—
Funai	—	08,30	—
GE	02,03,07,09	02,03,11	—
GoldStar	07,15	27	—
Hitachi	05,07	09,10,11	11
JVC	12	19,25,31 38,39,40	09
Kenwood	—	—	15
LXI	03,06,07 10,14,15	10,13,14 15,18,27,30	—
Magnavox	06,07,11 15,22	02,09,12	—
Mitsubishi	07,15,16,21	21,22,28,29	06
NEC	07,15	19,25,31,38	—
Nordmende	—	—	02
Philco	06,07	02,09,12,30	—
Philips	08	02,09,12	04,16
Pioneer	02,10,19	09	03
Quasar	02	01,02,09,33	—
Raite	—	—	13
RCA	03,07,09 13,23,24,25	02,03,04 09,10,11 12,23,24,26	02
Saba	—	—	02
Sampo	—	—	14
Samsung	—	—	10
Sanyo	14	14,18,34	—
Sharp	08,21	16,17	08
Shintom	—	32	—
Sony	04	05,06,07 35,36,37	05
Sylvania	06,07,15	02,09,12,30	—
Symphonic	17	30	—
Thomson	—	—	02
Toshiba	10,21	23,24	04
Yamaha	—	—	01
Zenith	18,20	20	07,12

8 CODES

This remote control can operate Panasonic and Technics audiovisual equipment that have remote control sensors. You may need to change the remote control code.
It can also operate some other brands of televisions, video cassette players, and DVD players. Check the table for the brand and enter the code as follows.

Changing the codes

TV VCR DVD

Press and hold the button corresponding to the equipment

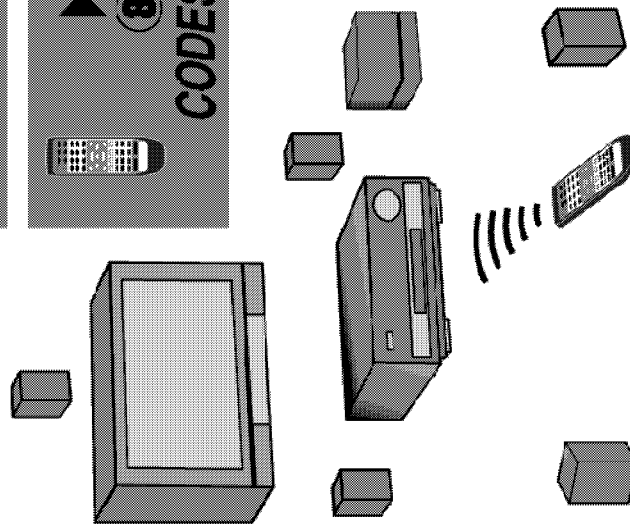
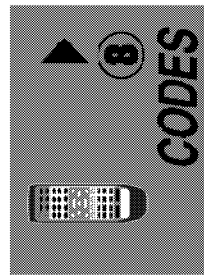
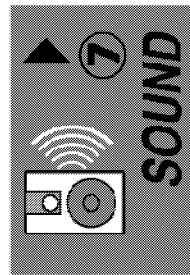
Enter the first digit

Enter the second digit

The remote control outputs the on/off signal. If the code is correct, the equipment turns on or off. If it doesn't, try entering another code.

- Note that this remote control cannot operate some equipment and that it may not be able to perform some operations.
- Reenter the codes after you change the batteries.

Remote Control Operation Guide



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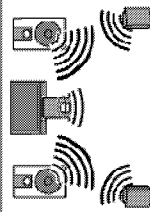
7 SOUND

STEREO MODE



SOUND MODE
Select STEREO

SURROUND MODE



SOUND MODE
Select SURROUND



Start a test signal



Select the speaker channel
and adjust its output level



+

Stop the test signal



TEST

When you select
Dolby Pro Logic II,
MUSIC or PANORAMA



+

+

Change the sound effect

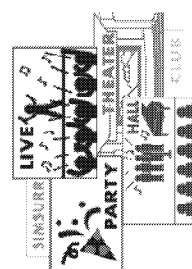


EFFECT

SFC MODE

SFC

Select HALL, CLUB, LIVE,
THEATER, SIM SURR or PARTY



LEVEL

+

+

Select the speaker channel and adjust its output level

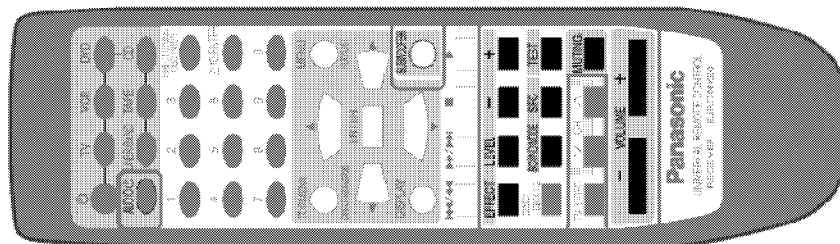


EFFECT

+

+

Change the delay time

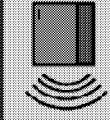


Other functions



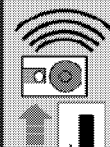
MUTE

Mute the volume



SUBWOOFER

Adjust subwoofer
output level



VOLUME

Adjust the volume

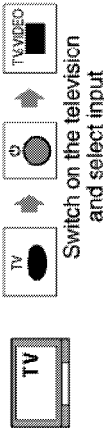


Switch off the receiver
and other components

3 TV

Watching TV

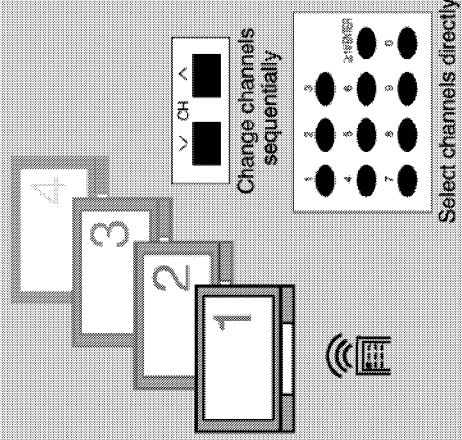
Switch on



Switch off



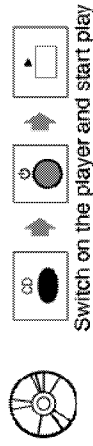
Operating the TV



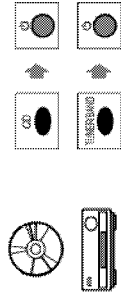
4 CD

Listening to CDs

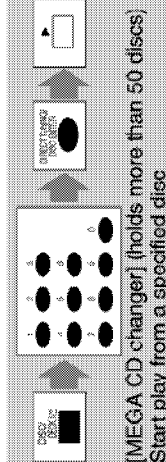
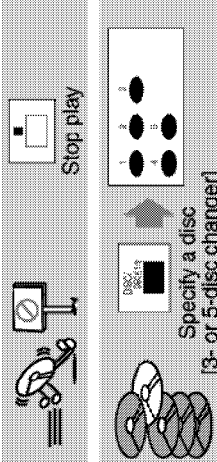
Switch on



Switch off



Operating the CD player

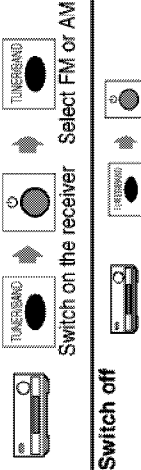


Start play from a selected track

5 RADIO

Listening to the radio

Switch on



Switch off



Operating the radio

Change preset channels sequentially

Select preset channels directly

Select radio stations by frequency

6 TAPE

Listening to tapes

Switch on



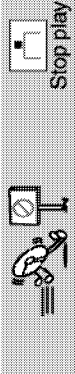
Switch off



Operating the tape deck

Rewind or fast-forward

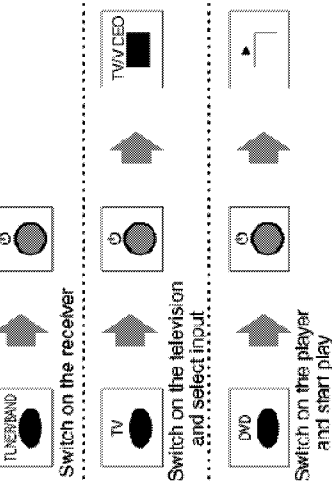
Select DECK 1 or 2



1 DVD

Watching DVDs

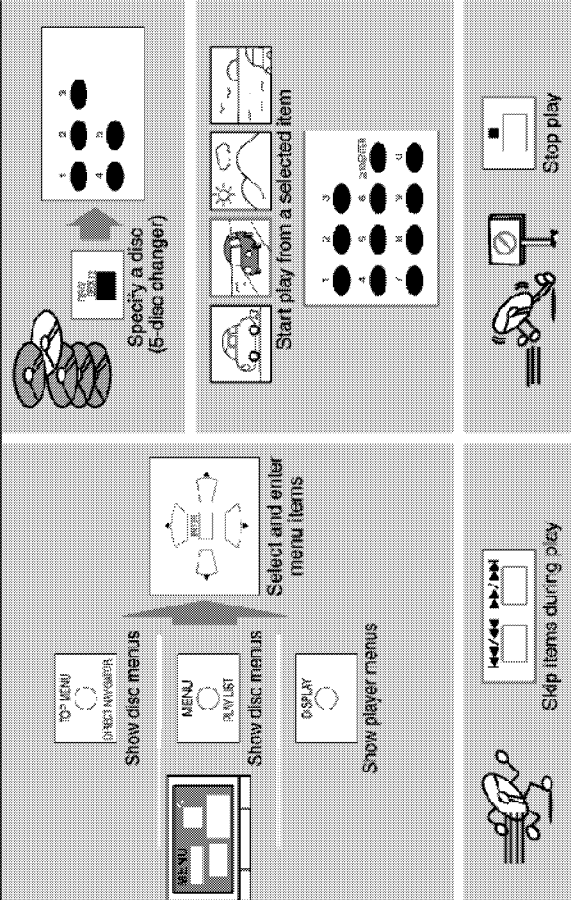
Switch on



Switch off



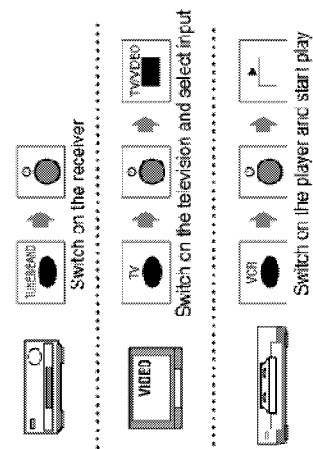
Operating the DVD player



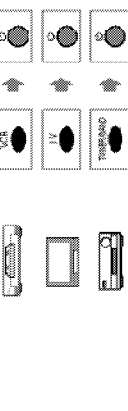
2 VCR

Watching videotapes

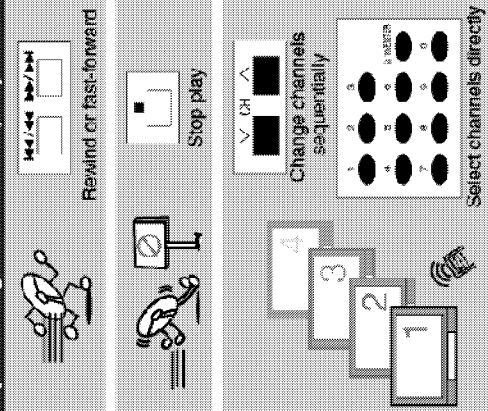
Switch on



Switch off



Operating the video player



6 Caution for AC Main 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  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

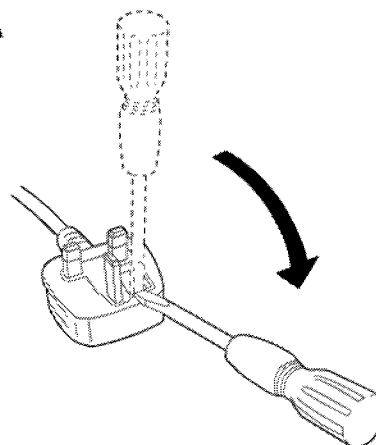
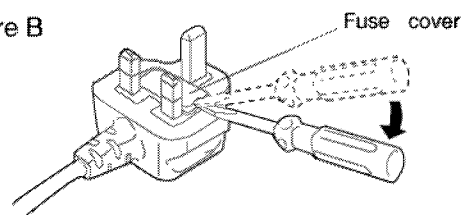


Figure B



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

Figure A

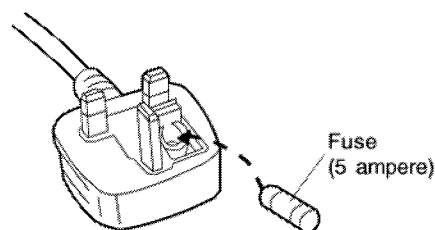
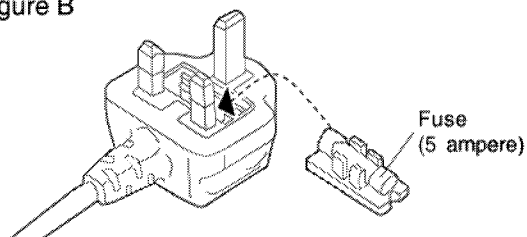


Figure B



7 Disassembly and Main Component Replacement Procedures

“ATTENTION SERVICER”

Some chassis components maybe have sharp edges. Be careful when diassembling and servicing.

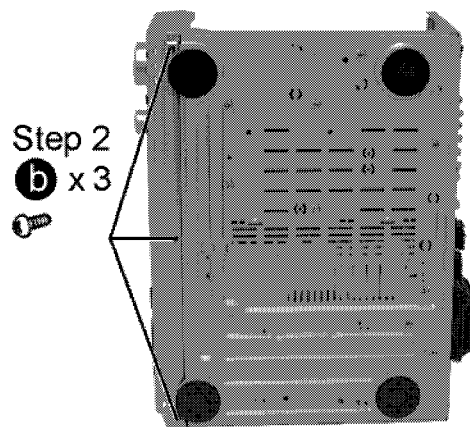
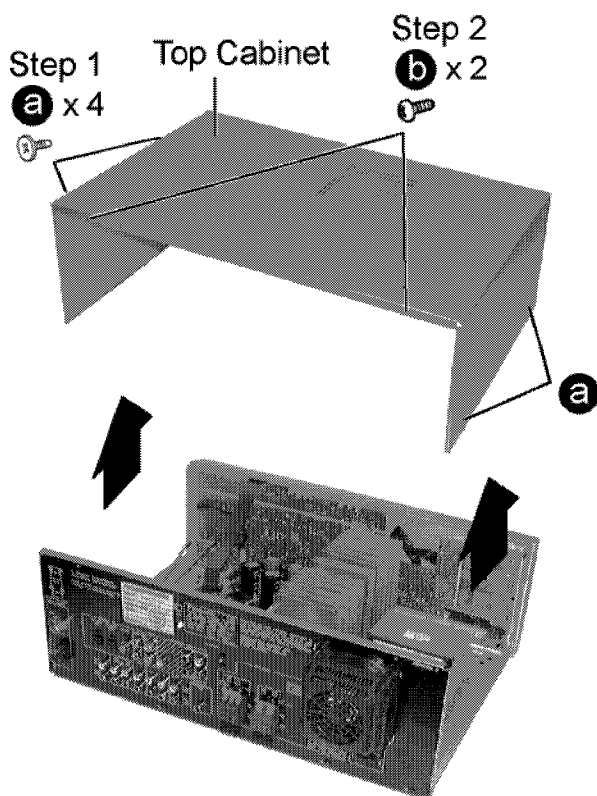
1. This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.
2. For reassembly after operation checks or replacement, reverse the respective procedures.
Special reassembly procedures are described only when required.
3. Select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

Content

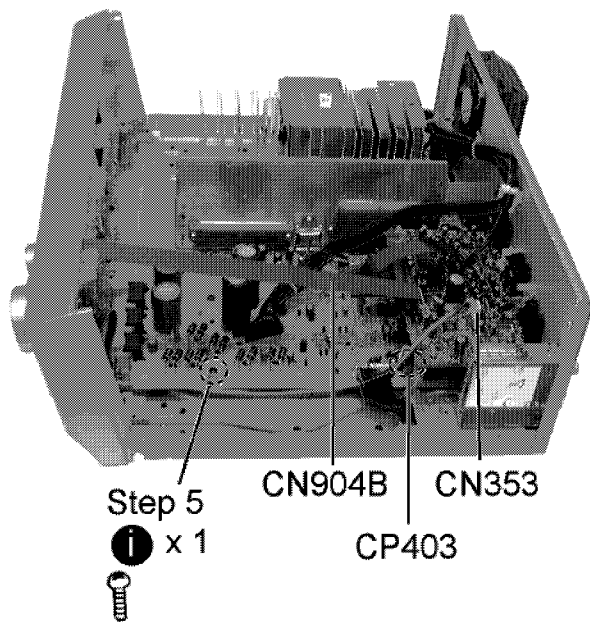
- **Checking for each major P.C.B.**
- **Main Component Replacement Procedures**
 1. Replacement of the Power IC and Regulator Transistor
 2. Installation of the bottom cover after replacement

7.1. Checking for each major P.C.B.

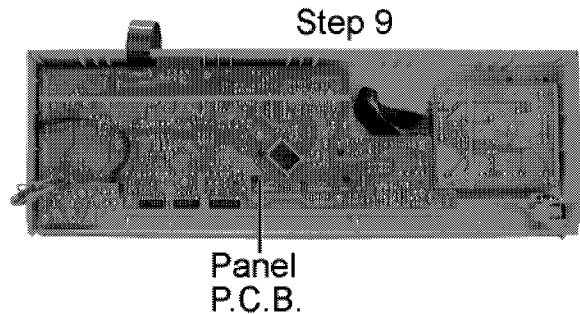
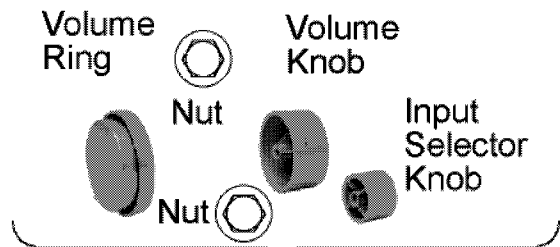
Step 1 & 2 Unscrew and remove top cabinet as shown.



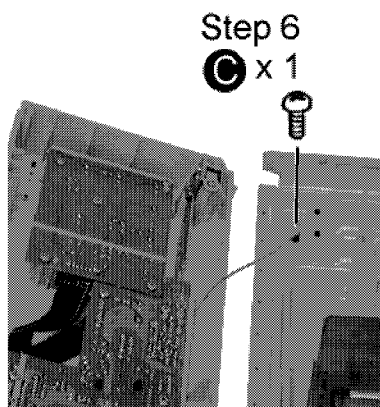
Step 3 Remove all the screws.



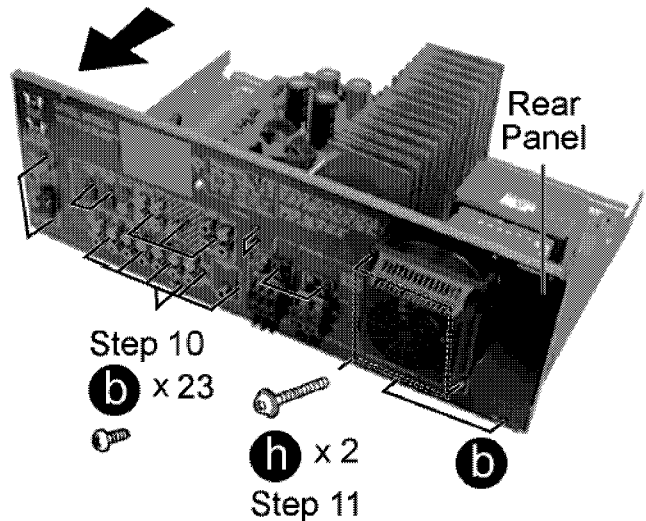
Step 4 Release the 3 connectors CN904B, CP403 and CN353.
Step 5 Release the screw.



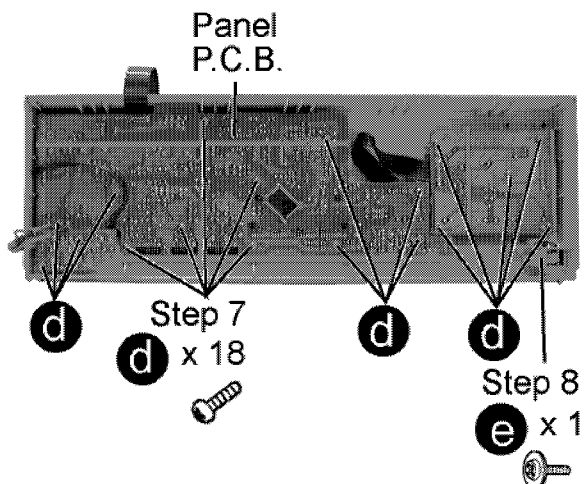
Step 9 Remove the Selector knob and Volume knob, Unscrew the nut and remove the Volume ring.



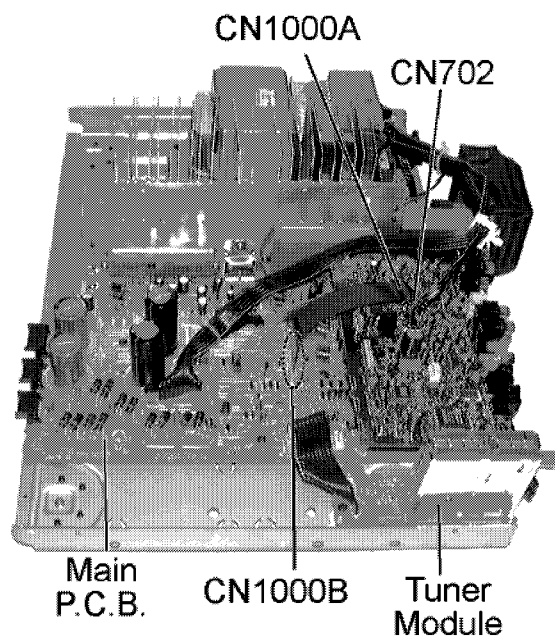
Step 6 Remove the screw.



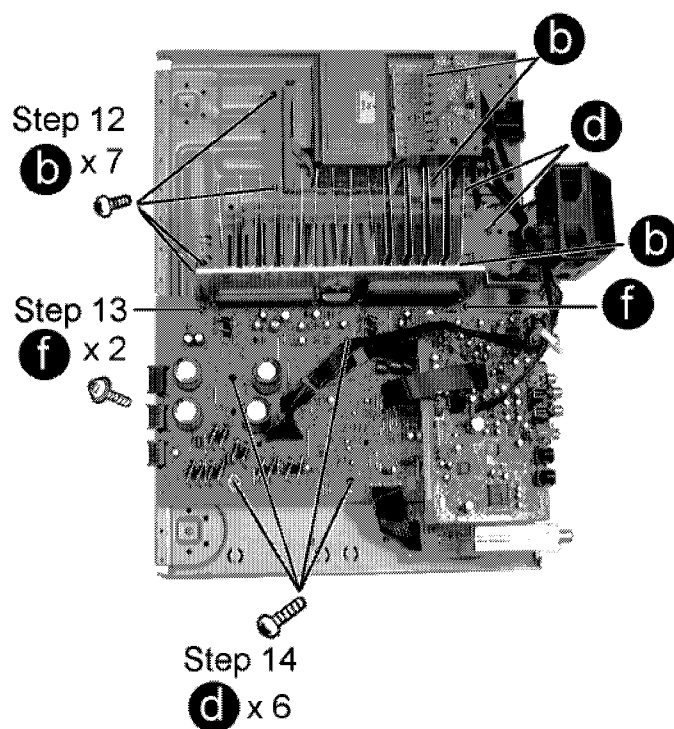
Step 10 Remove all the screws.



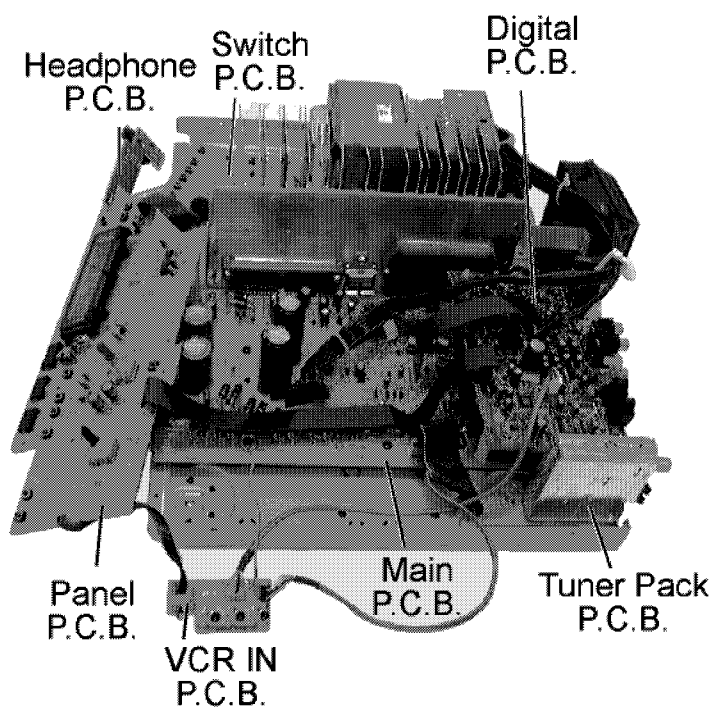
Step 7 & 8 Remove all the screws.



Step 11 Release the connectors CN702 and CN1000A. Pull up the Digital P.C.B. as shown.



Step 12, 13 & 14 Remove all the screws.



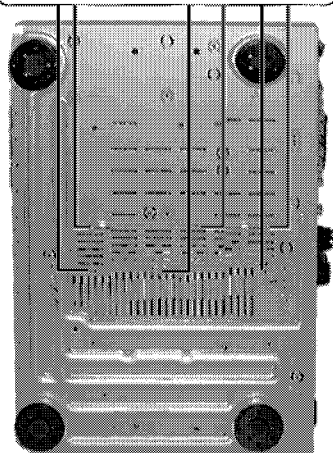
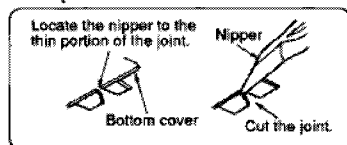
Reconnect all wires and connectors to test all P.C.B..

7.2. Main Component Replacement Procedures

7.2.1. Replacement of the Power IC and Regulator Transistor

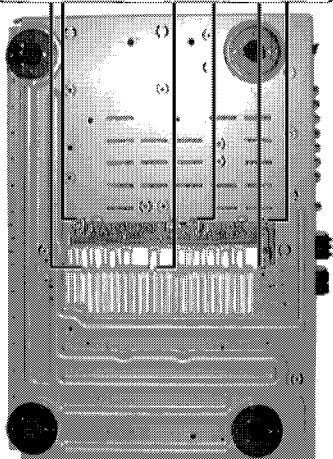
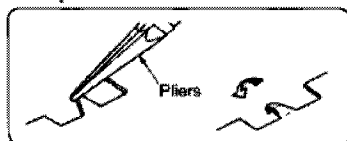
Step 1 Remove the top cabinet.

Step 2



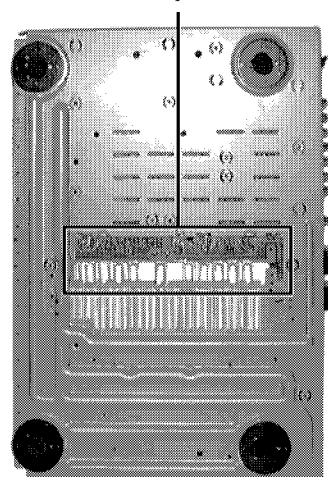
Step 2 Cut the joints as shown below. (6 joints)

Step 3



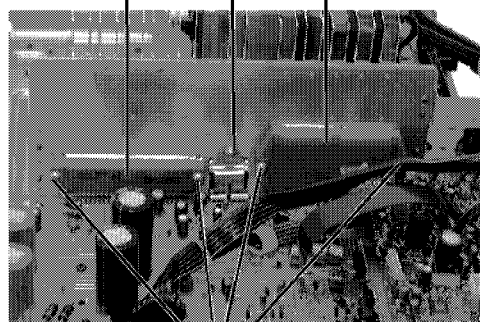
Step 3 Fold the joints. (6 joints)

Step 4



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

Power IC (IC651) **g** Power IC (IC601)



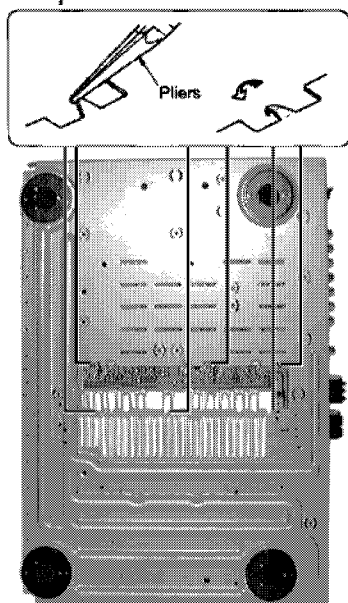
Step 5

g x 5

Step 5 Remove all the screws.

7.2.2. Installation of the bottom cover after replacement

Step 3



Step 1 Upset the bottom cover.

Step 2 Align the ribs of bottom cover into the bugs.

Step 3 Prepare the screws to fix the bottom cover.

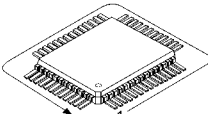
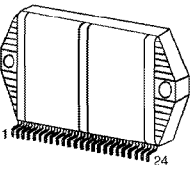
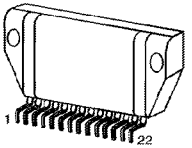
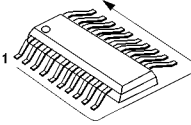
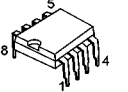
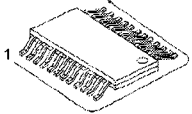
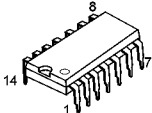
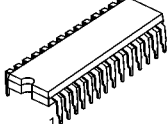
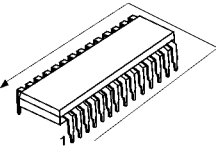
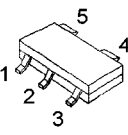
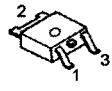
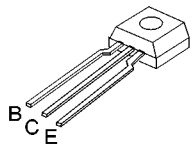
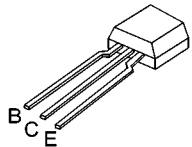
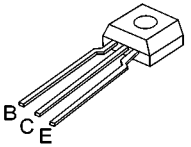
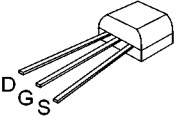
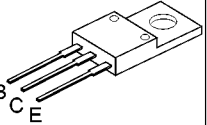
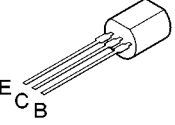
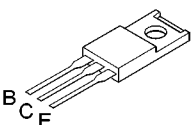
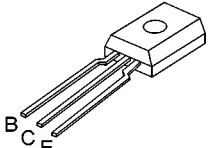
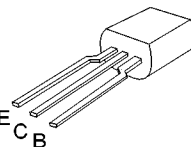
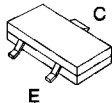
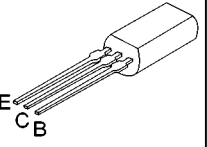
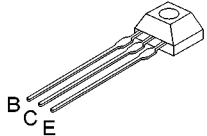
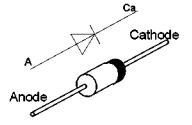
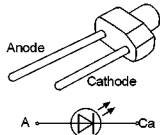
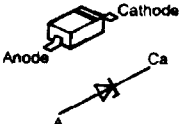
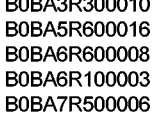
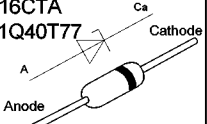
8 Self-Diagnostic Function

8.1. Self-Diagnostic Function and Service Mode

8.1.1. Display Content

Item	Abnormal Status	Error Display
Low Frequency	Abnormal power amp output	F61
	Abnormal communication between peripheral LST and Micro Computer	F70
Power Supply Display	Abnormal Stabilized power supply	F76

9 Type Illustrations of ICs, Transistors & Diodes

C2BBGF000437 (100P) C2HBZZ000010 (44P) C0FBZJ000004 (44P) 	RSN310R36A-P 	RSN313H25-P 	SN74LV244APW (20P) SN7AHCT244PW (20P) SN74HCU04APW (14P) 	C0ABBB000102 C0AABB000086 C0ABBB000127 	C1BB00001588 (16P) C0JBAS000175 (30P) TC9482F (28P) 
NJM2060MTE1 	TC9163AN (28P) 	LC72720N (24P) 	SNAHC1U04DBV 	C0CAAAG00006 	KRC107MTA 
KTC3199GRTA RVTDTTC143ZST RVTDTA113ZST 	2SD1915FTA KTA1267GRTA 	2SK2880CTA 	2SB1548PQAU 2SD2374PQAU 	2SB0621AWA 	KTC2026 
B1BABG000004 	2SD592AQRSTA 	B1GDCFJN0001 	2SA1534ALA 	KRA102MTA KRC102MTA KRA119MTA 	1N5402BM21 B0JAPG000008 MA2C167A0E 
SLR325MCT31 B3ACA0000063 B3AAA0000487 	B0ACCK000005 UDZSTE175R6B UDZSTE176R2B 	1SS291TA 1SR35400V B0BA03200003 B0BA3R300010 B0BA5R600016 B0BA6R600008 B0BA6R100003 B0BA7R500006 	B0BA8R200005 B0AACK000004 MTZJ3R9ATA MTZJ16CTA RB721Q40T77 		

10 Schematic Diagram

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

Notes:

S950	Power Switch
S952	Speaker Switch
S953	SFC Down Switch
S954	FM Mode/ Band Switch
S955	Memory Switch
S956	DPL2 Switch
S957	Sound Mode Switch
S958	Preset Switch
S959	Tuning Up Switch
S960	Tuning Down Switch
S962	Reset Help Switch
S964	SFC Up Switch
S965	Digital Input Switch
S966	DVD 6ch Switch

S967	+ / Right Switch
S968	- / Left Switch
S969	Tone/Balance Switch
S970	Tape Monitor Switch
S971	Sub.Woofer Level Switch
VR901	Rotary Encoder
VR902	Volume Encoder

- 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.

< > ...FM

• Importance safety notice:

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

Caution!

IC, LSI and VLSI are sensitive to static electricity.

Secondary trouble can be prevented by taking care during repair.

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

FUSE CAUTION



These symbols located near the fuse indicates that the fuse used is a fast operating type. For continued protection against fire hazard, replace with the same type fuse. For fuse rating, refer to the marking adjacent to the symbol.



Ce symbole indique que le fusible utilisé est à rapide. Pour une protection permanente, n' utiliser que des fusibles de même type. Ce dernier est indiqué là où le présent symbole est apposé.

CAUTION : FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE F1, F3, F4 8A 125V FUSE, F5 1.6A 125V FUSE, F6 4A 125V FUSE.

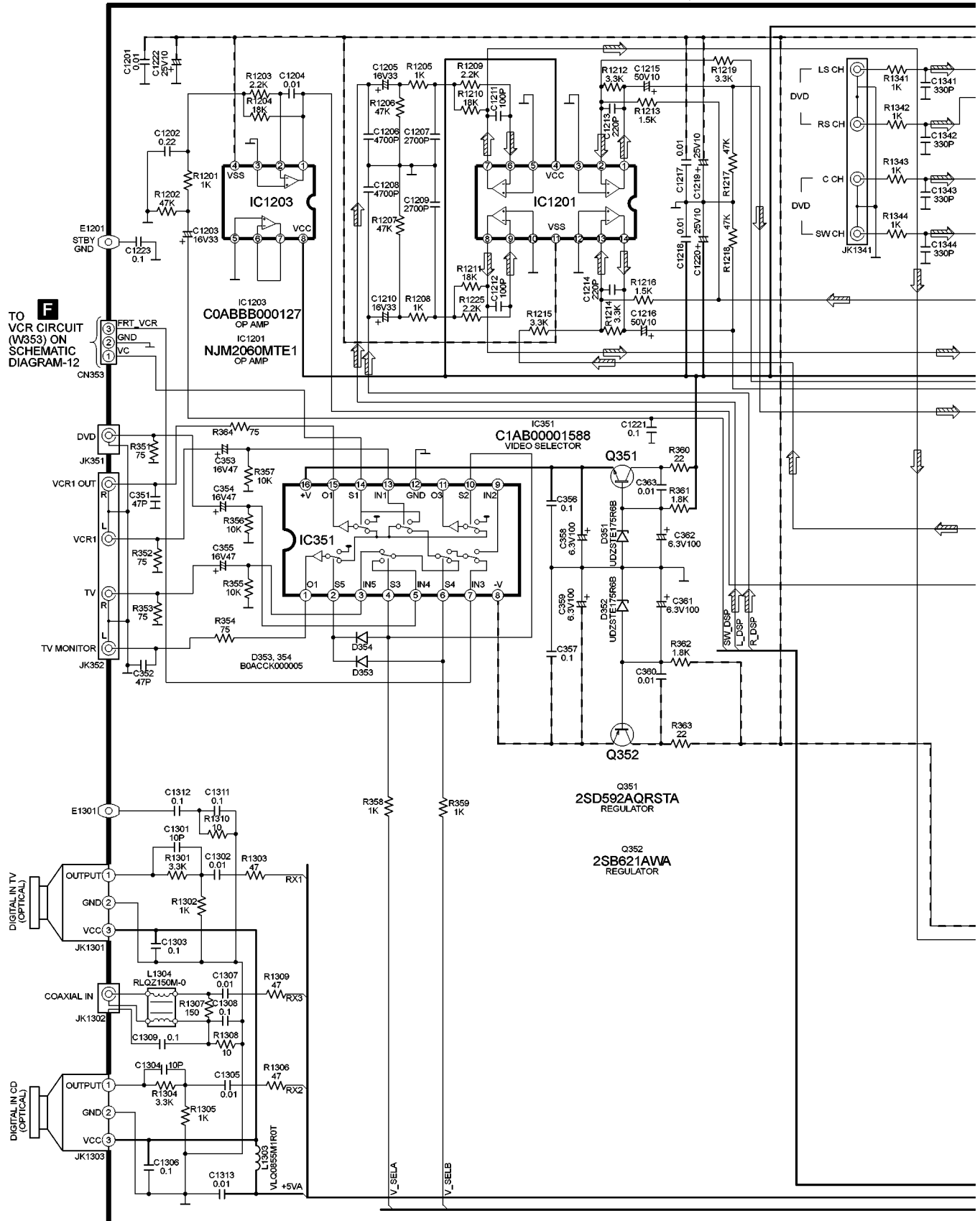


RISK OF FIRE-REPLACE FUSE AS MARKED.

SCHEMATIC DIAGRAM - 1

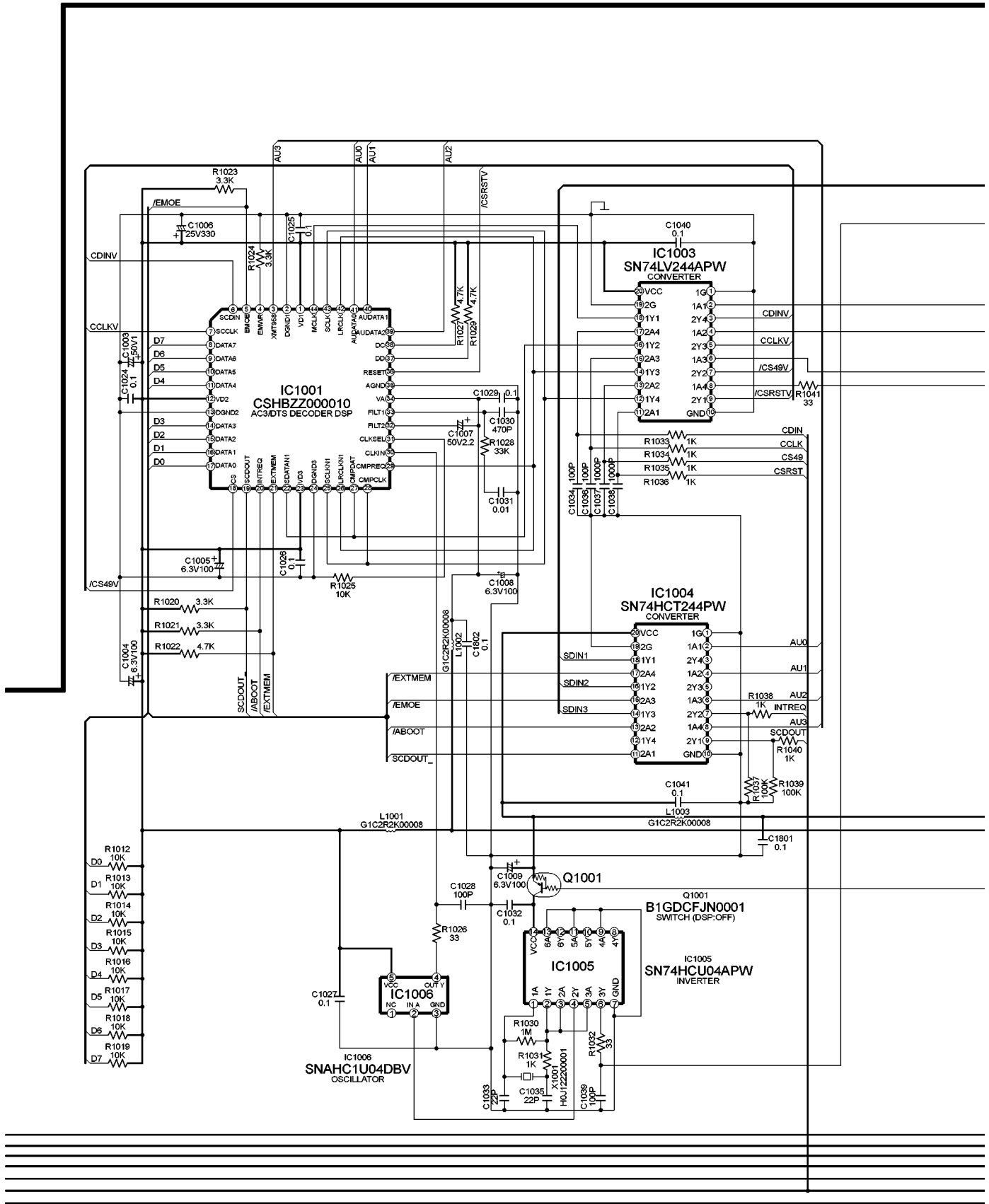
A DIGITAL CIRCUIT

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



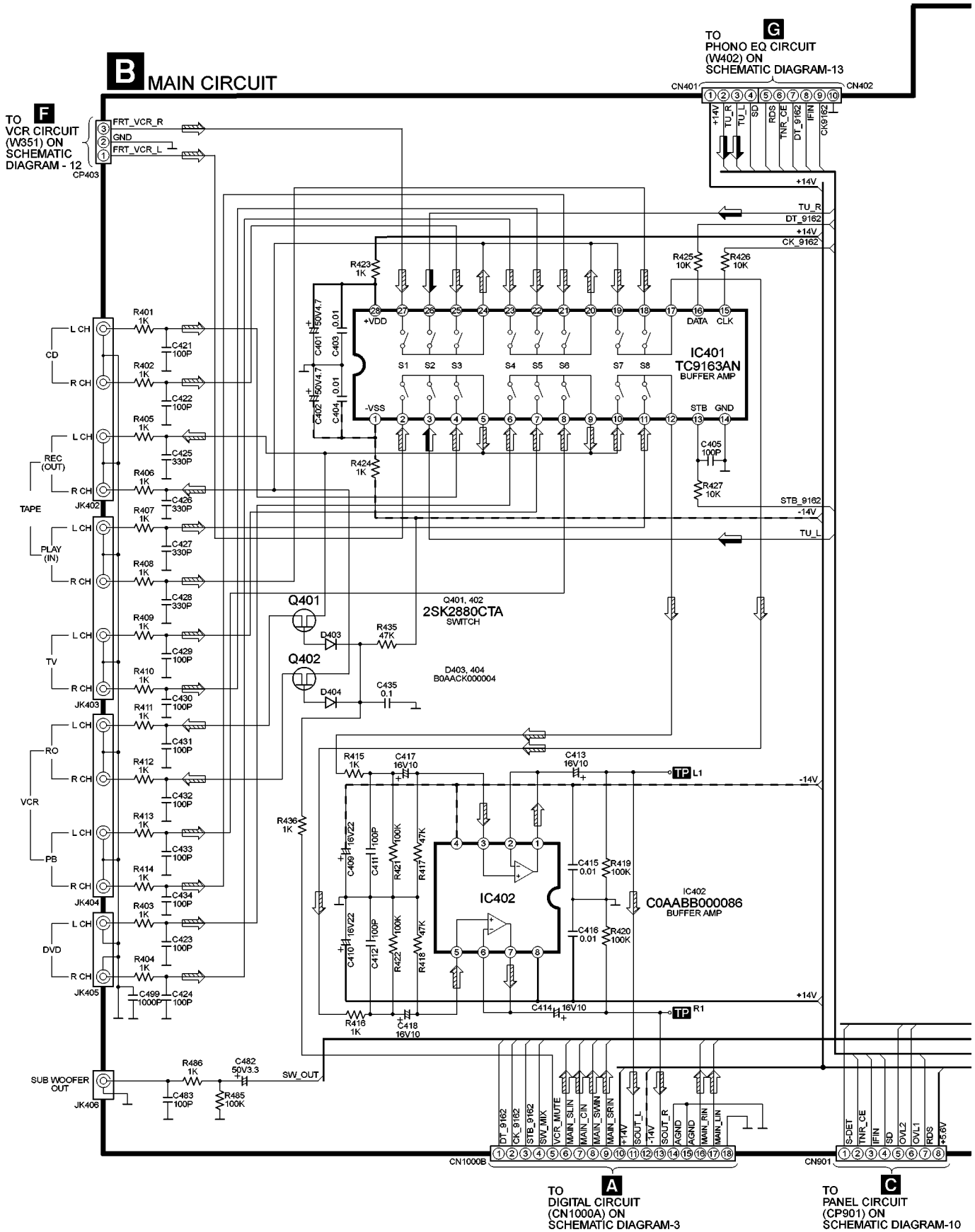
SCHEMATIC DIAGRAM - 4

A DIGITAL CIRCUIT _____ : +B SIGNAL LINE



SCHEMATIC DIAGRAM - 7

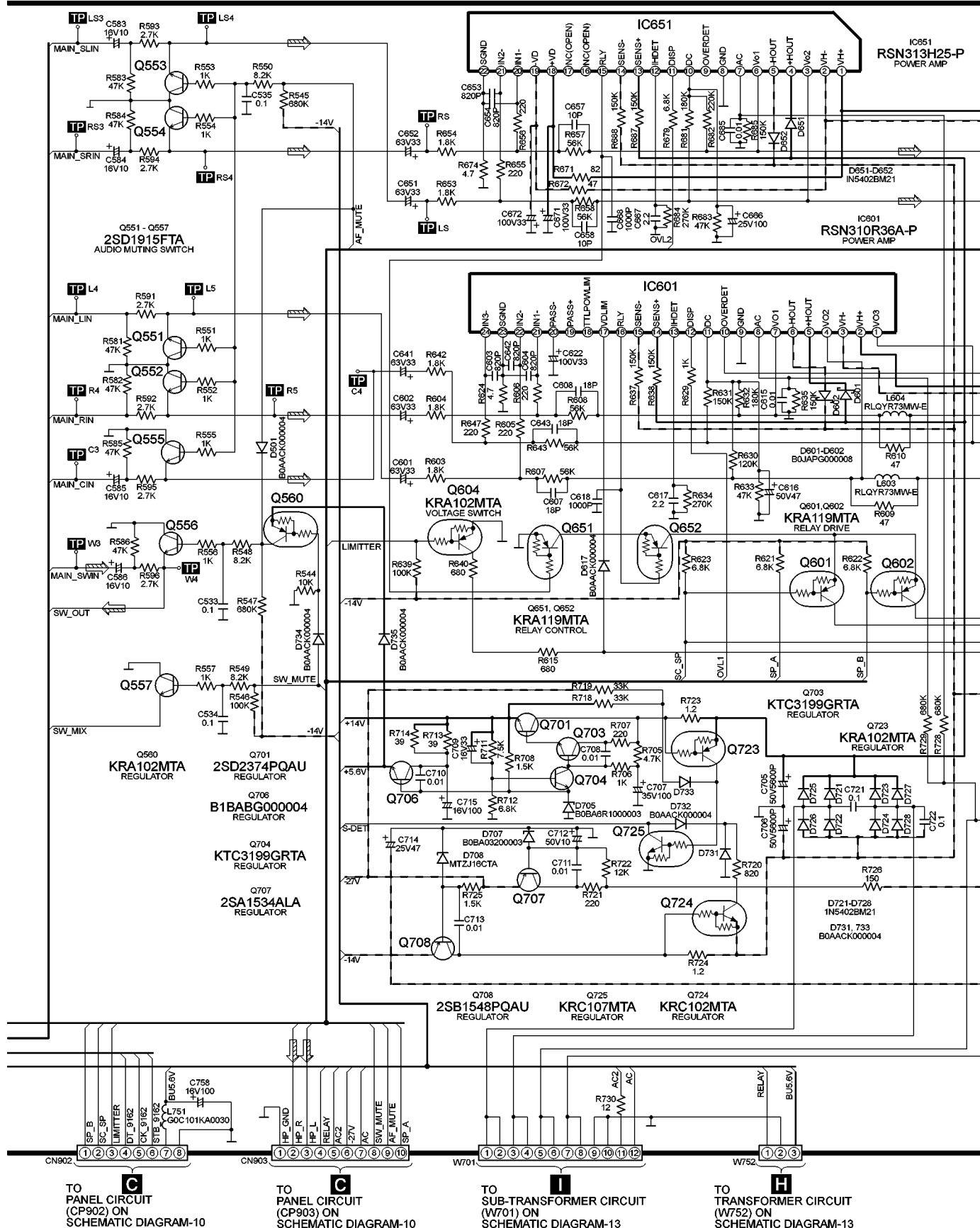
— : +B SIGNAL LINE - - - : -B SIGNAL LINE ➡ : FM/AM SIGNAL LINE ➡ : MAIN SIGNAL LINE



SCHEMATIC DIAGRAM - 8

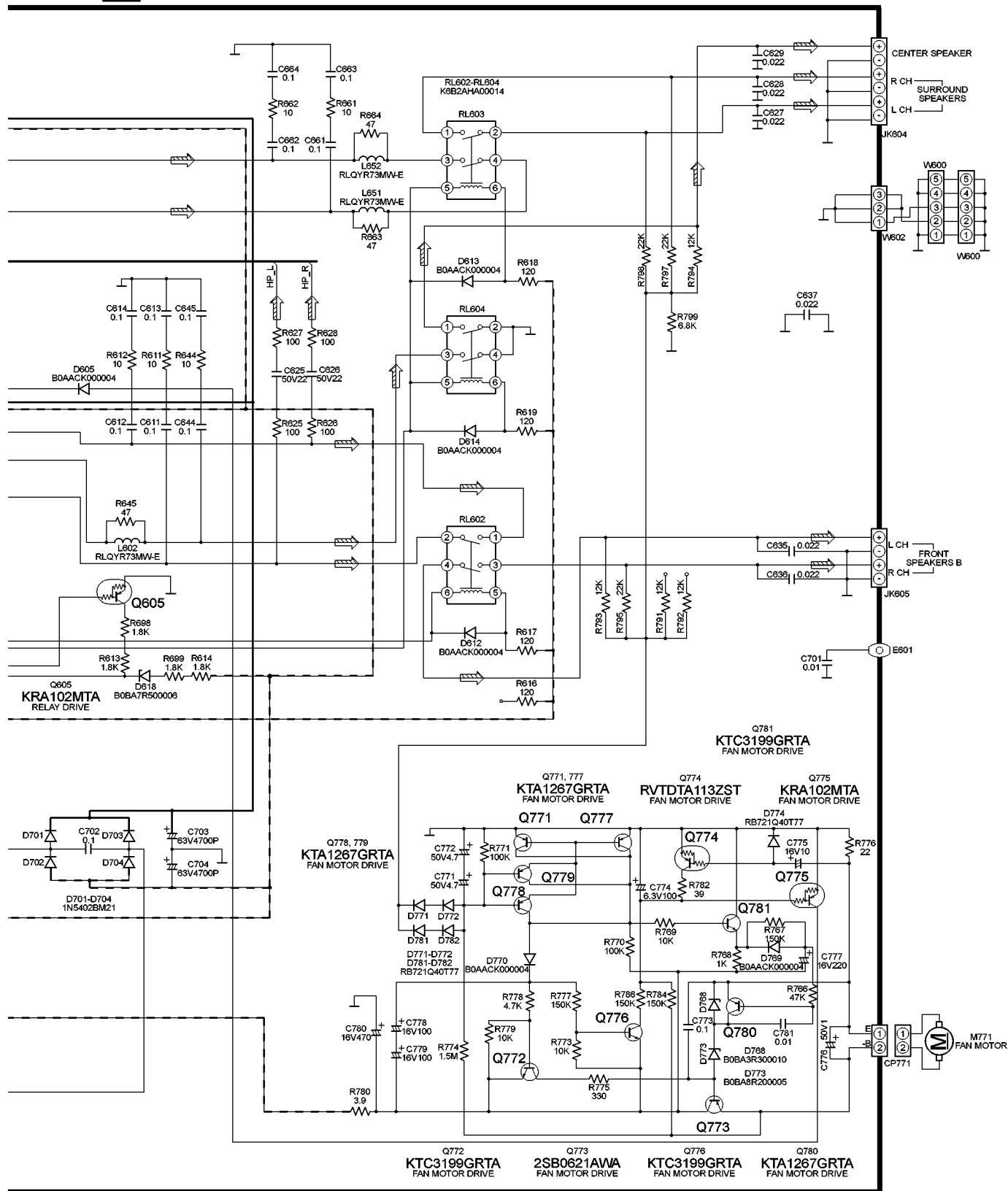
— : +B SIGNAL LINE - - - : -B SIGNAL LINE ⇨ : MAIN SIGNAL LINE

B

 MAIN CIRCUIT


SCHEMATIC DIAGRAM - 9

— : +B SIGNAL LINE - - - : -B SIGNAL LINE ➡ : MAIN SIGNAL LINE

B MAIN CIRCUIT

- - - - : +B SIGNAL LINE

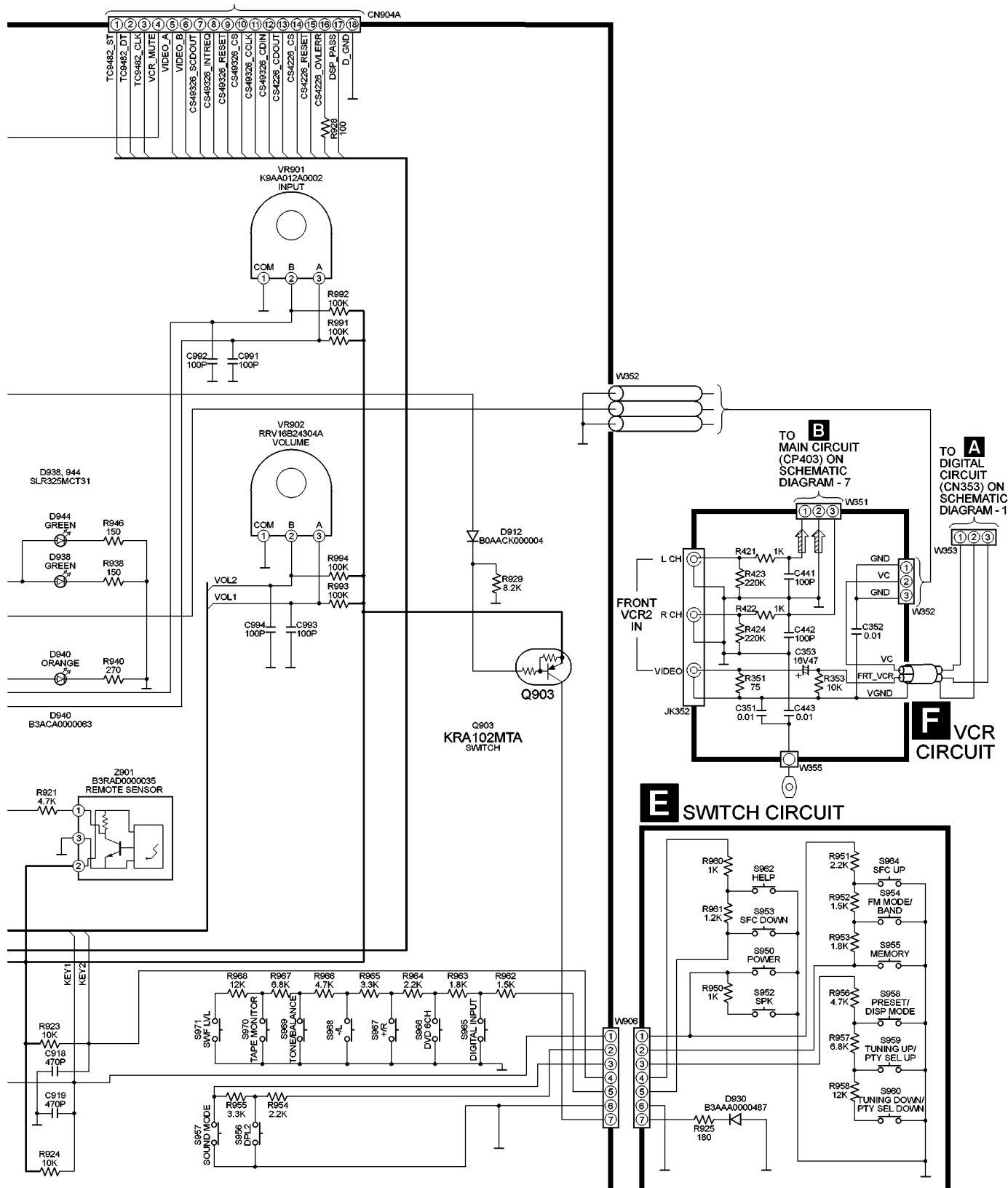


SCHEMATIC DIAGRAM - 12

C PANEL CIRCUIT

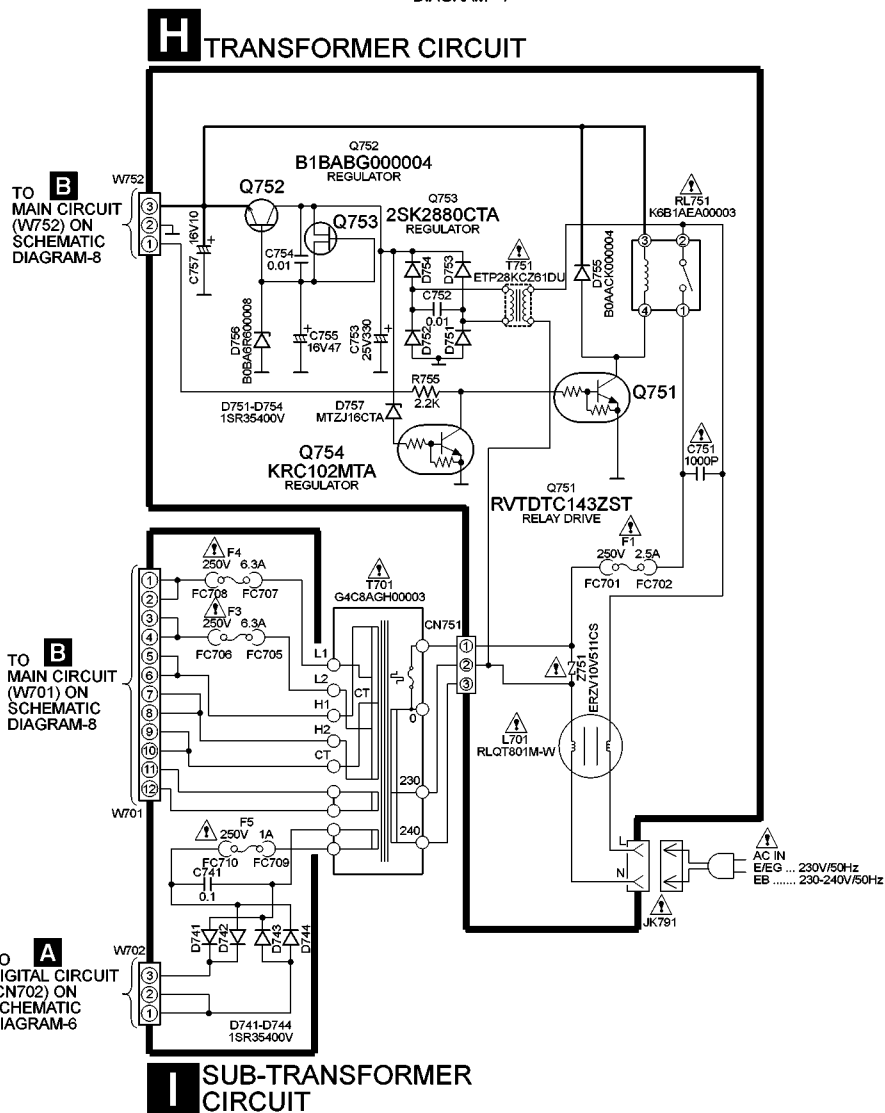
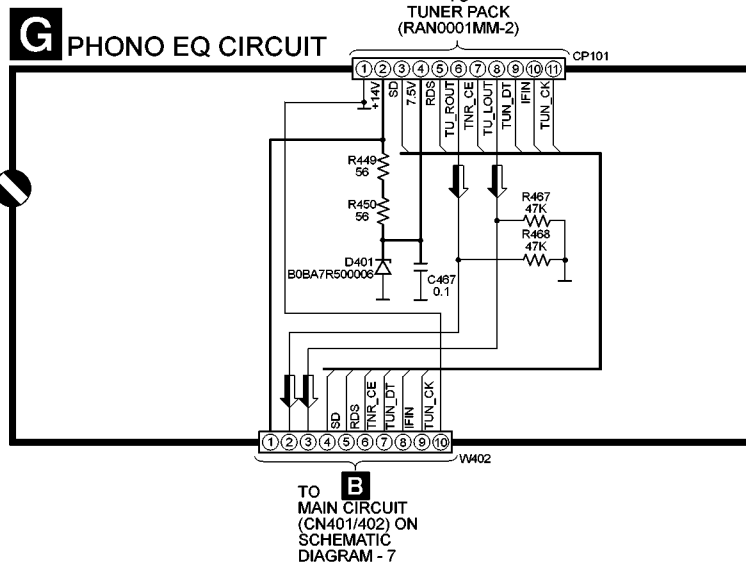
———— : +B SIGNAL LINE : MAIN SIGNAL LINE

TO **A**
DIGITAL CIRCUIT
(CN904B) ON
SCHEMATIC DIAGRAM - 6



SCHEMATIC DIAGRAM - 13

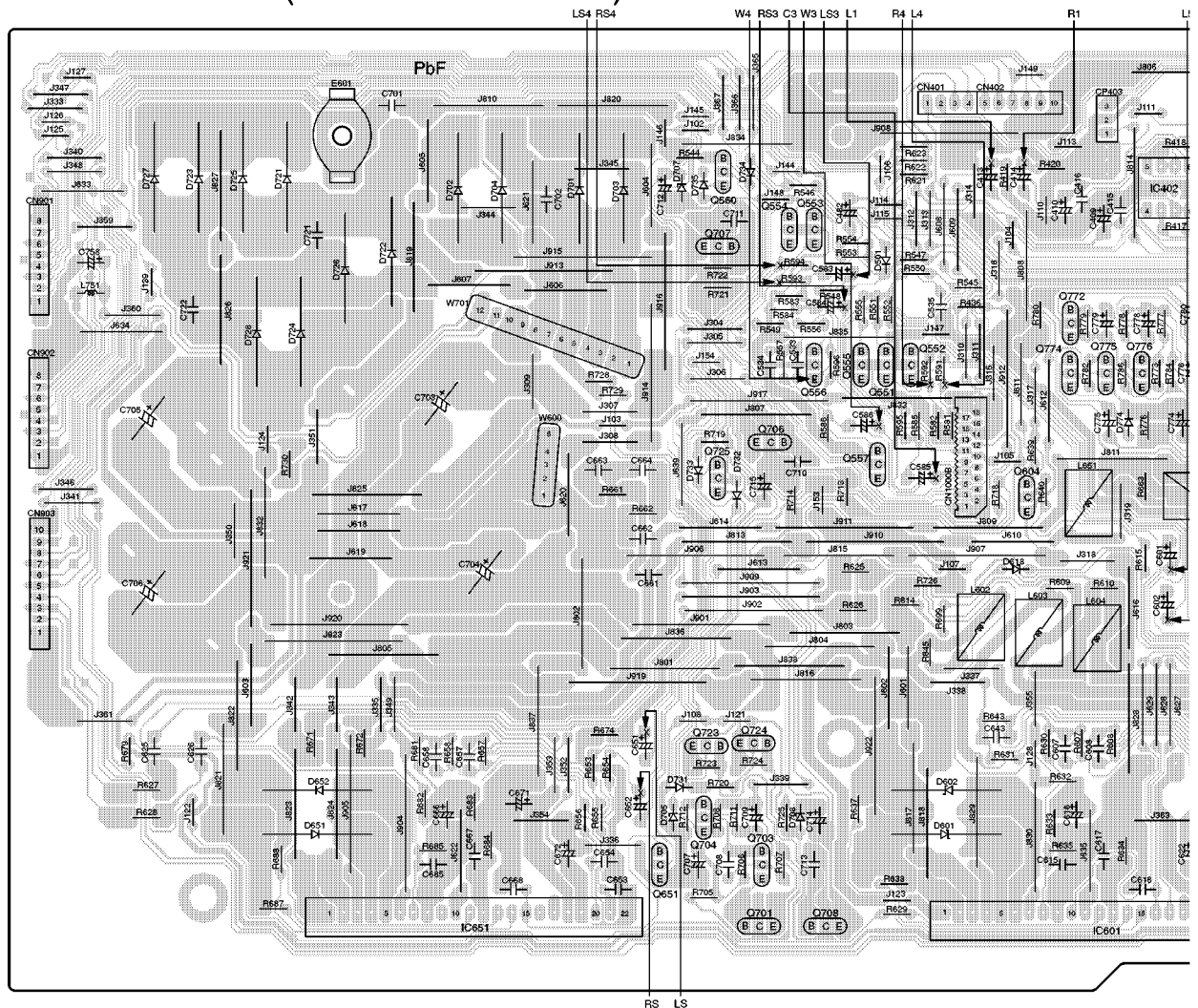
— : +B SIGNAL LINE ➡ : AM/FM SIGNAL LINE



I SUB-TRANSFORMER CIRCUIT

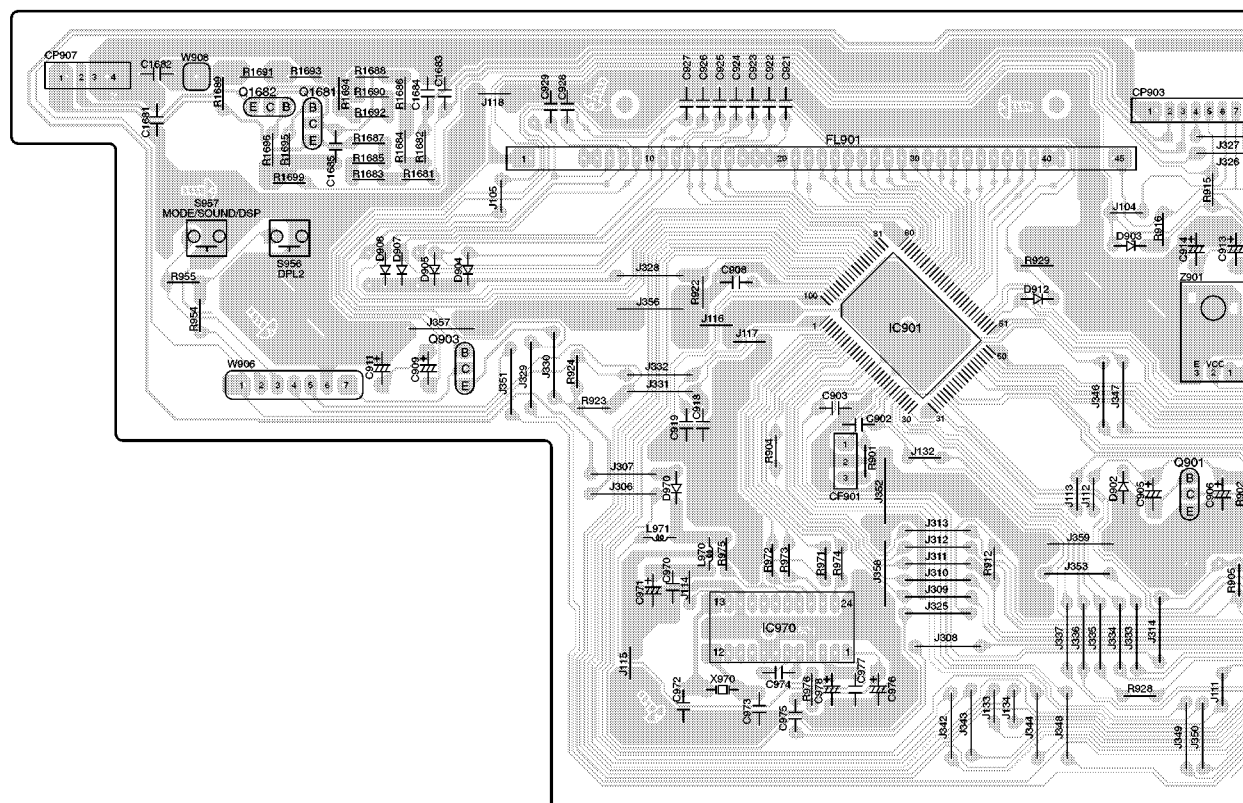


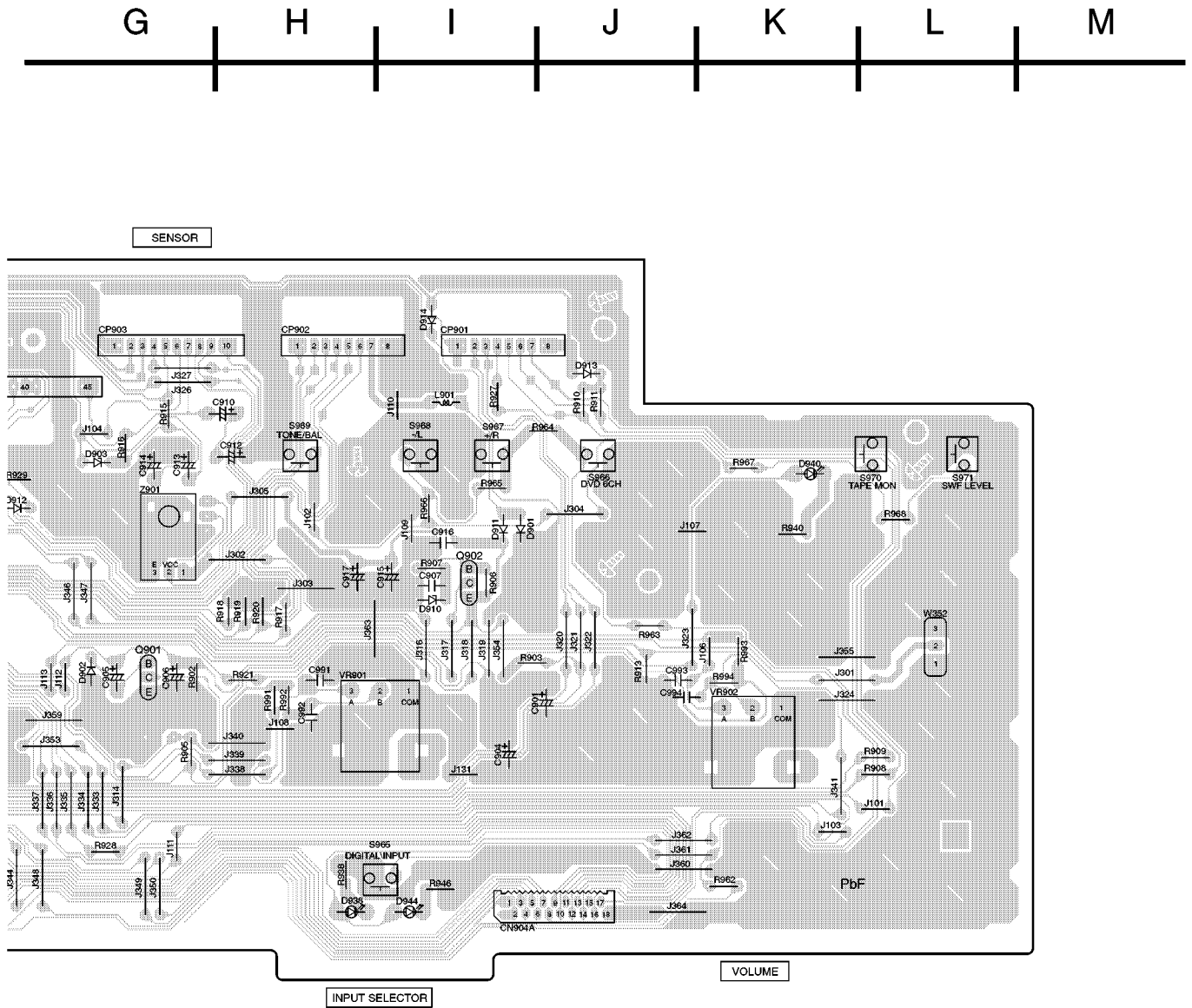
B MAIN P.C.B (REP3492C-M...E/EG) (REP3492D-M...EB)



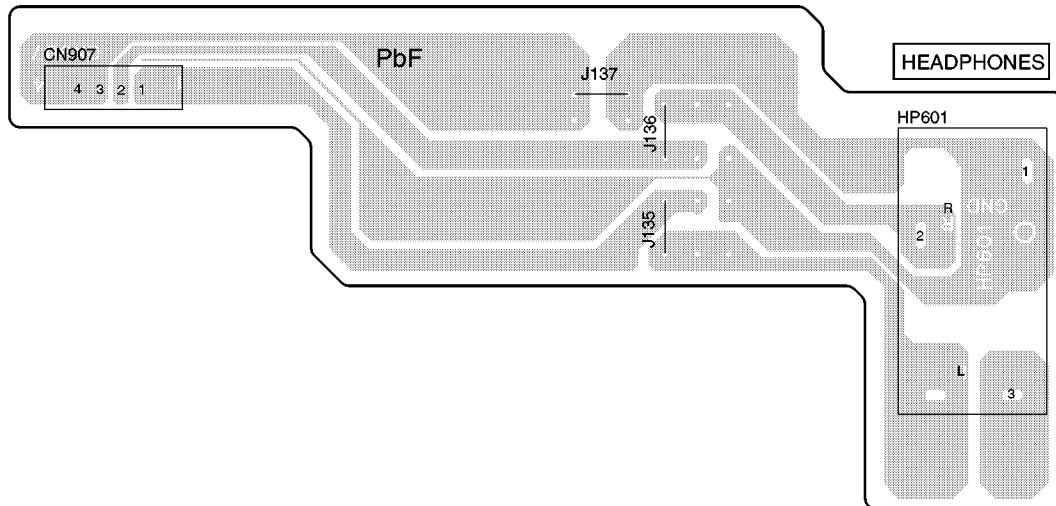


SENSOR

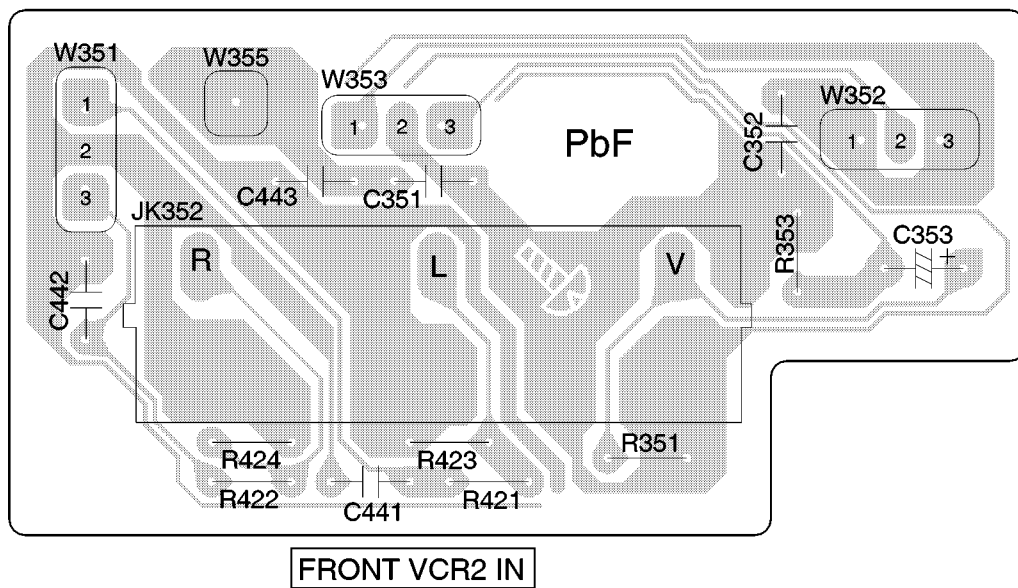


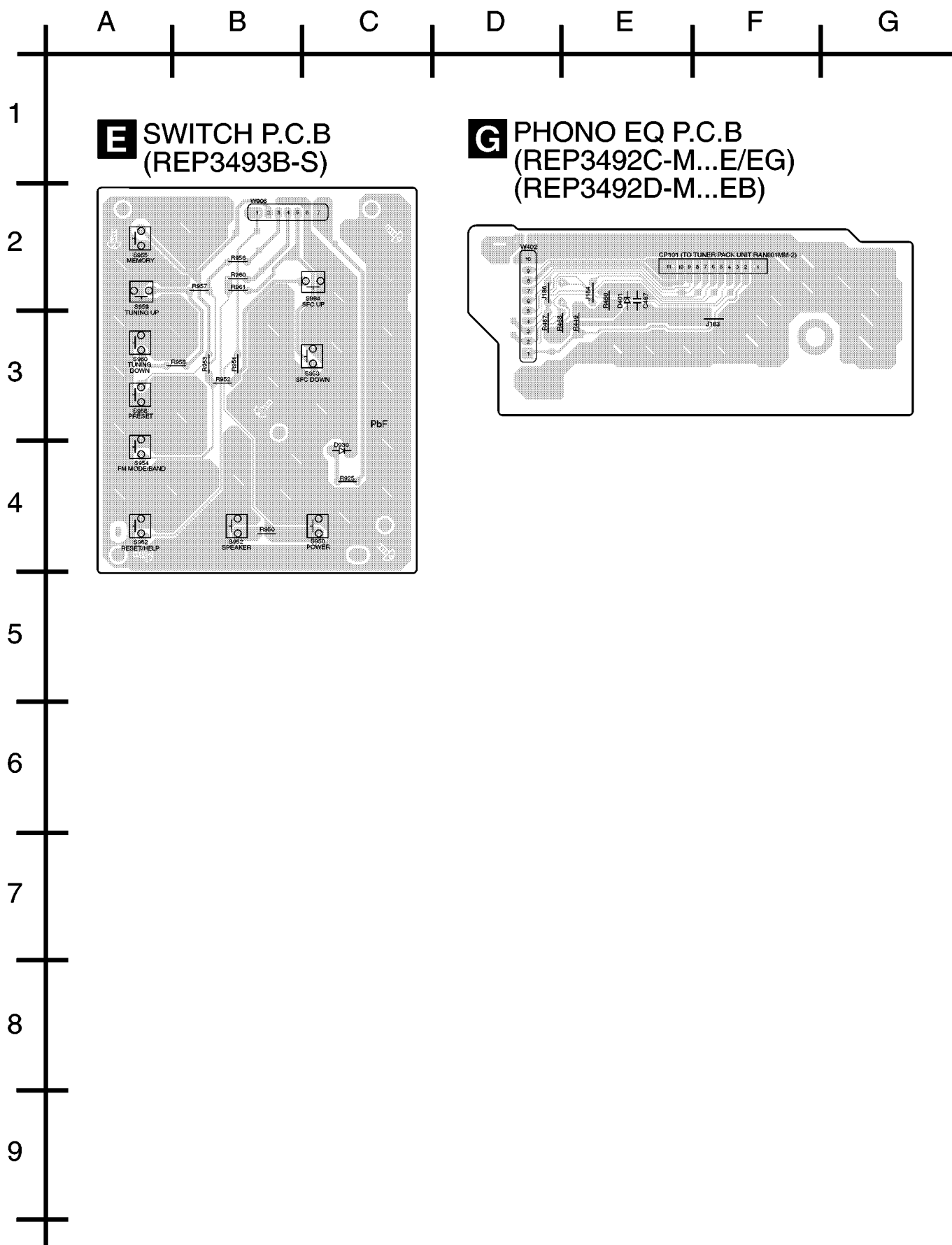


D HEADPHONE P.C.B (REP3493B-S)



F VCR P.C.B (REP3493B-S)





A B C D E F G

1

I SUB-TRANSFORMER P.C.B (REP3492C-M...E/EG) (REP3492D-M...EB)

2

CAUTION
RISK OF ELECTRIC SHOCK
AC VOLTAGE LINE. PLEASE DO NOT
TOUCH THIS P.C.B

3

4

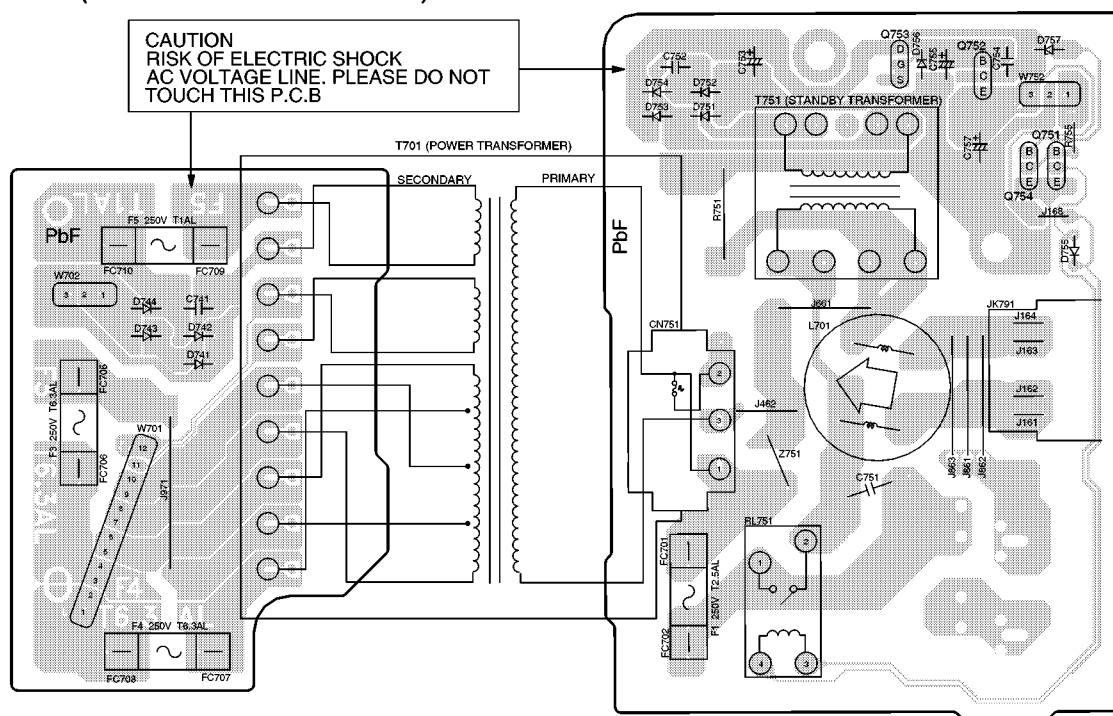
5

6

7

8

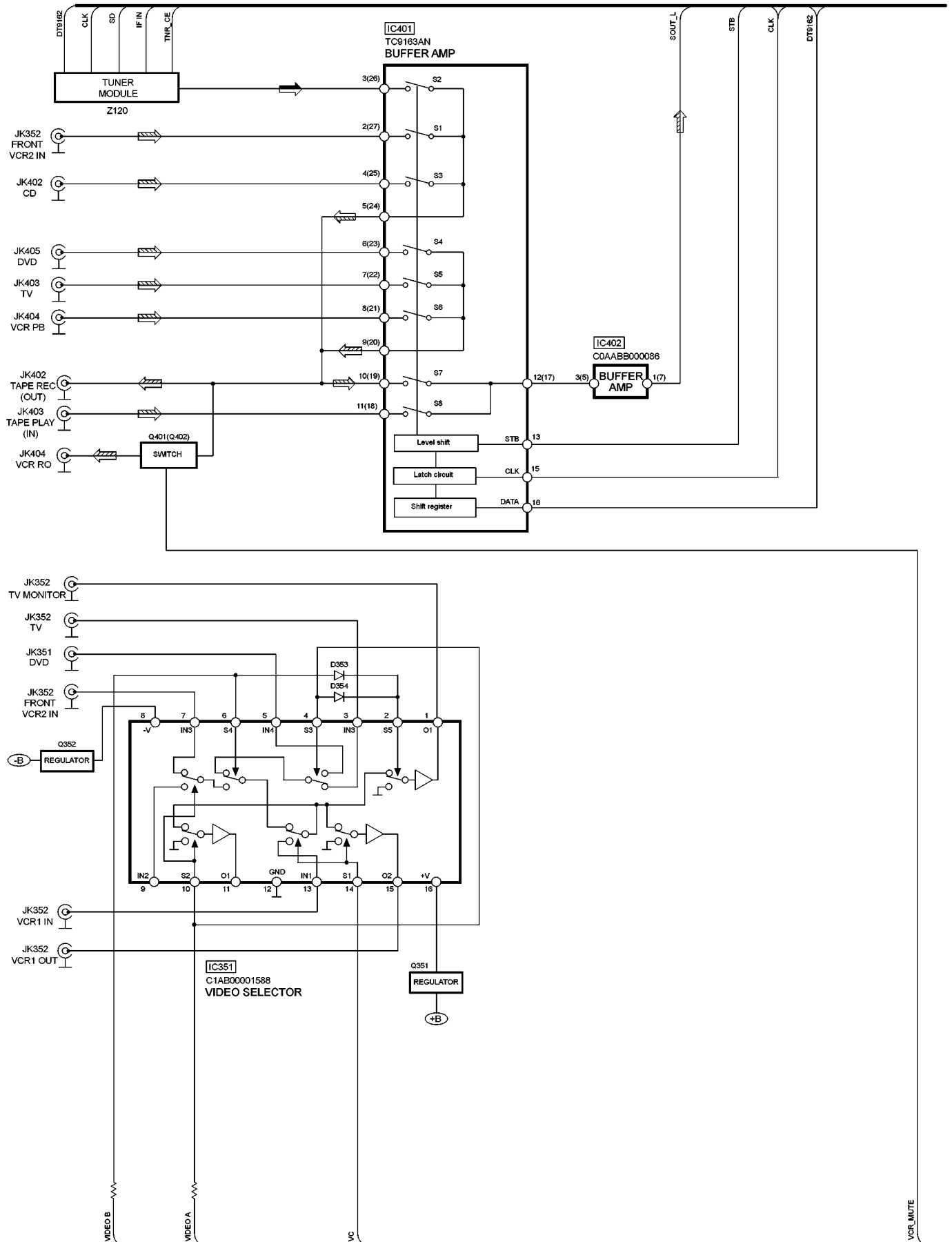
9

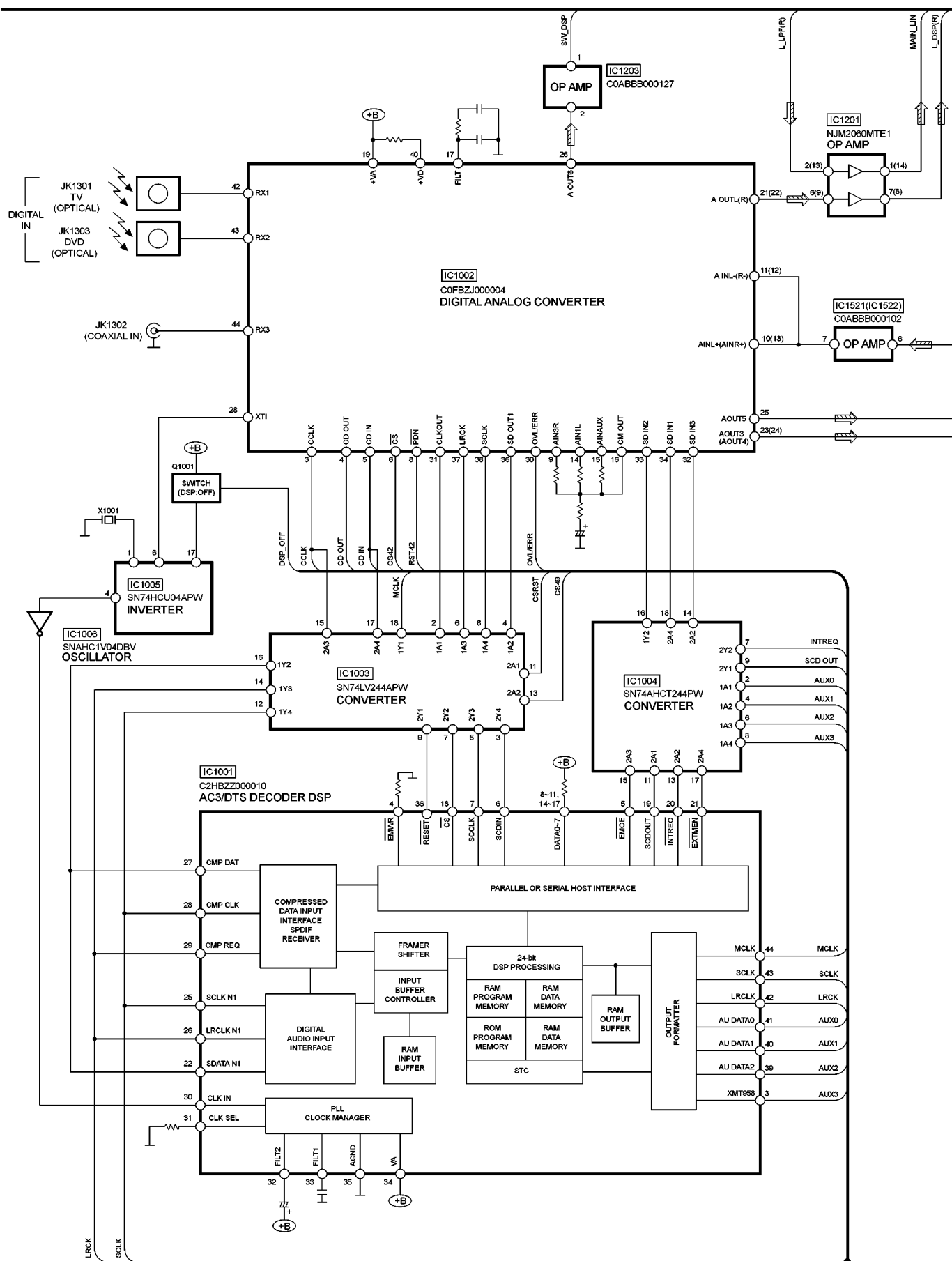


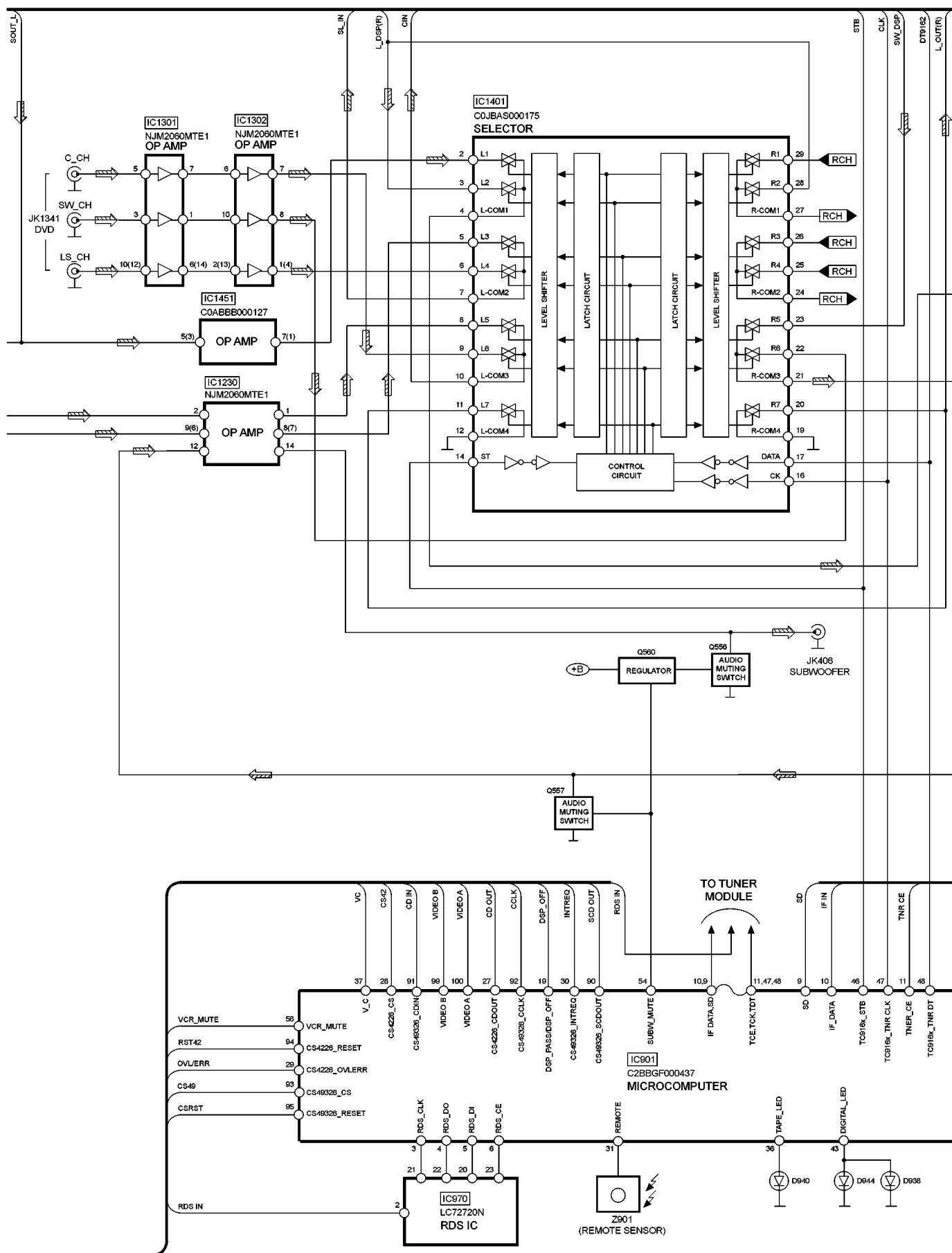
AC IN ~
230V
50HZ...E/EG
230V-240V
50HZ...EB

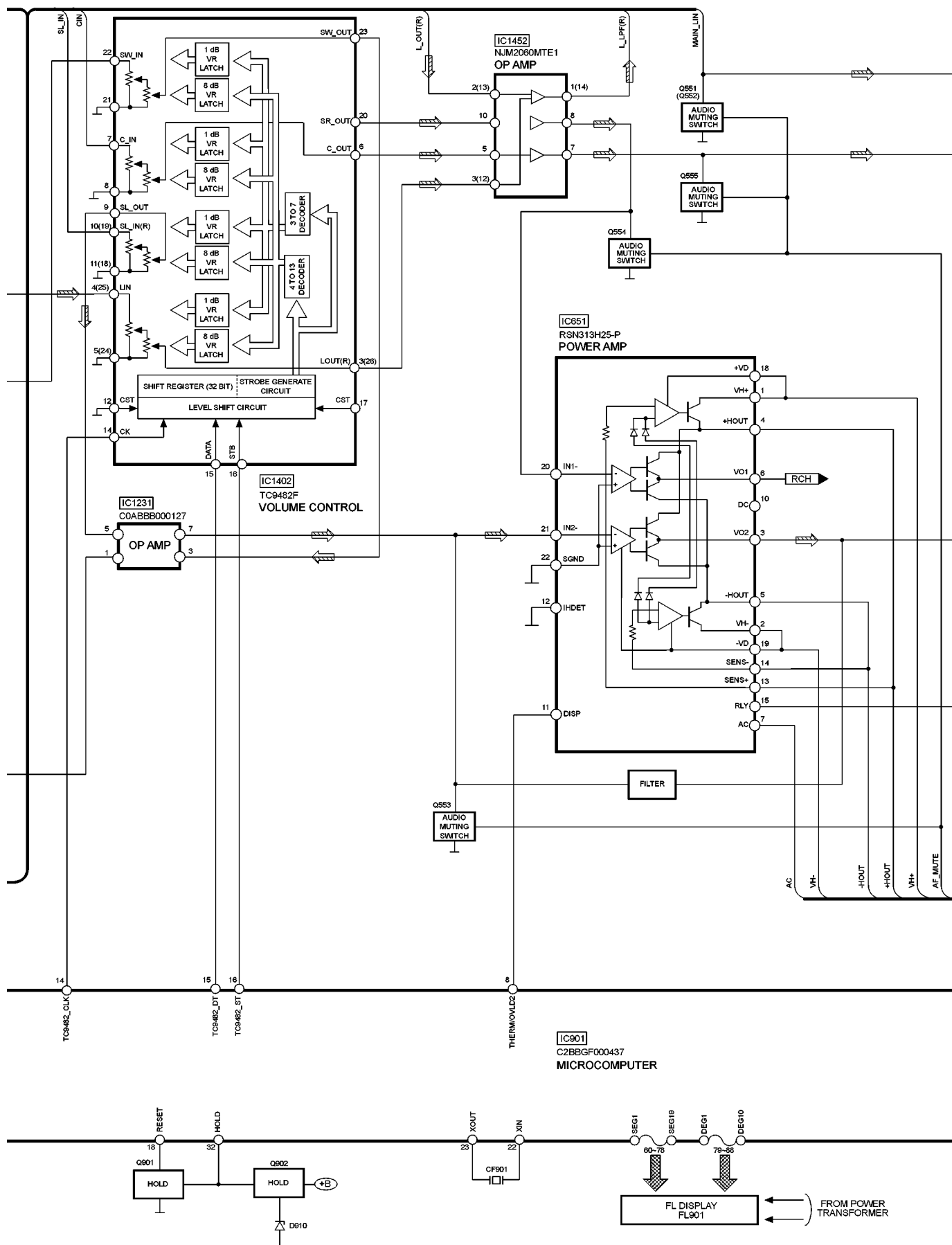
H TRANSFORMER P.C.B (REP3492C-M...E/EG) (REP3492D-M...EB)

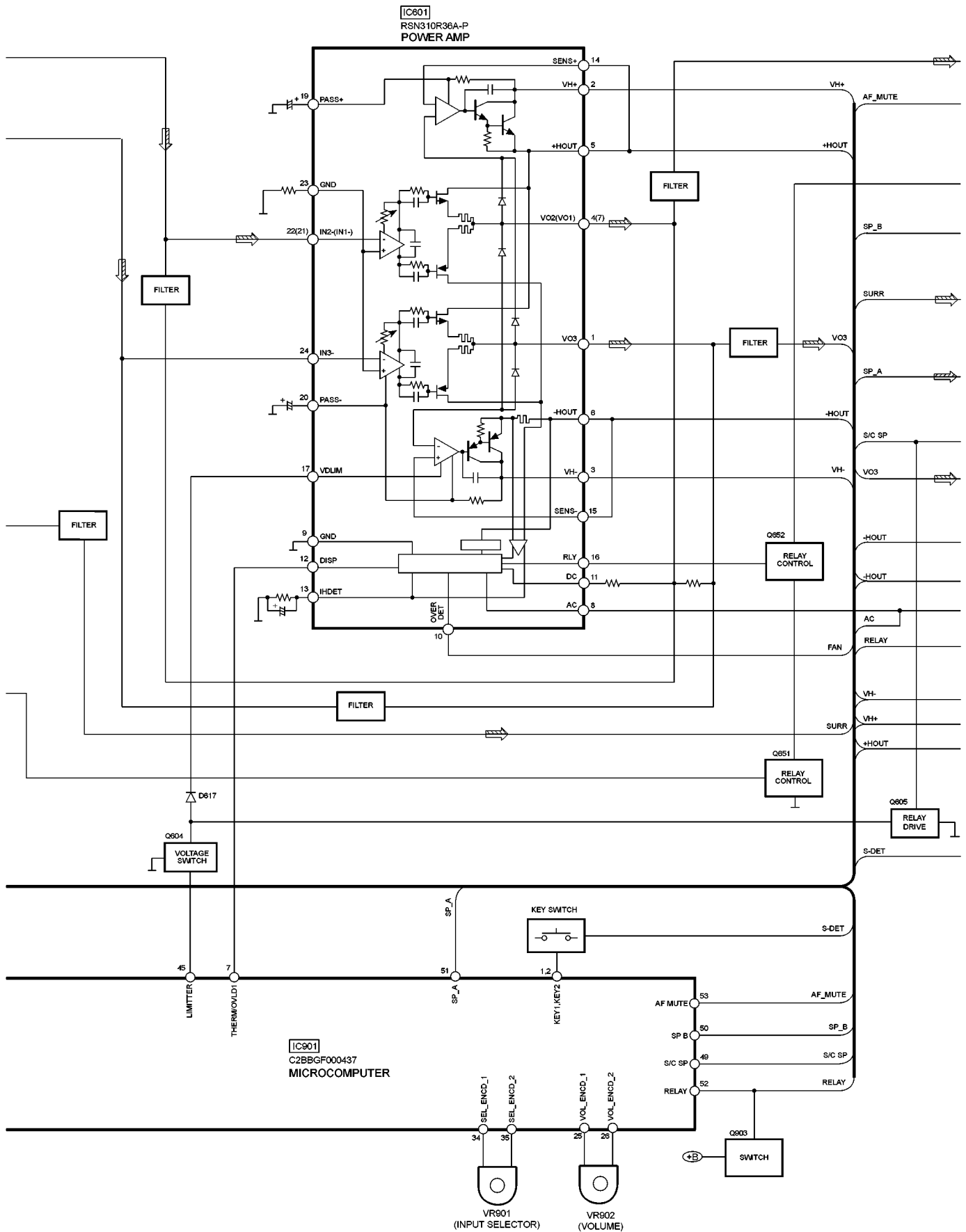
12 Block Diagram

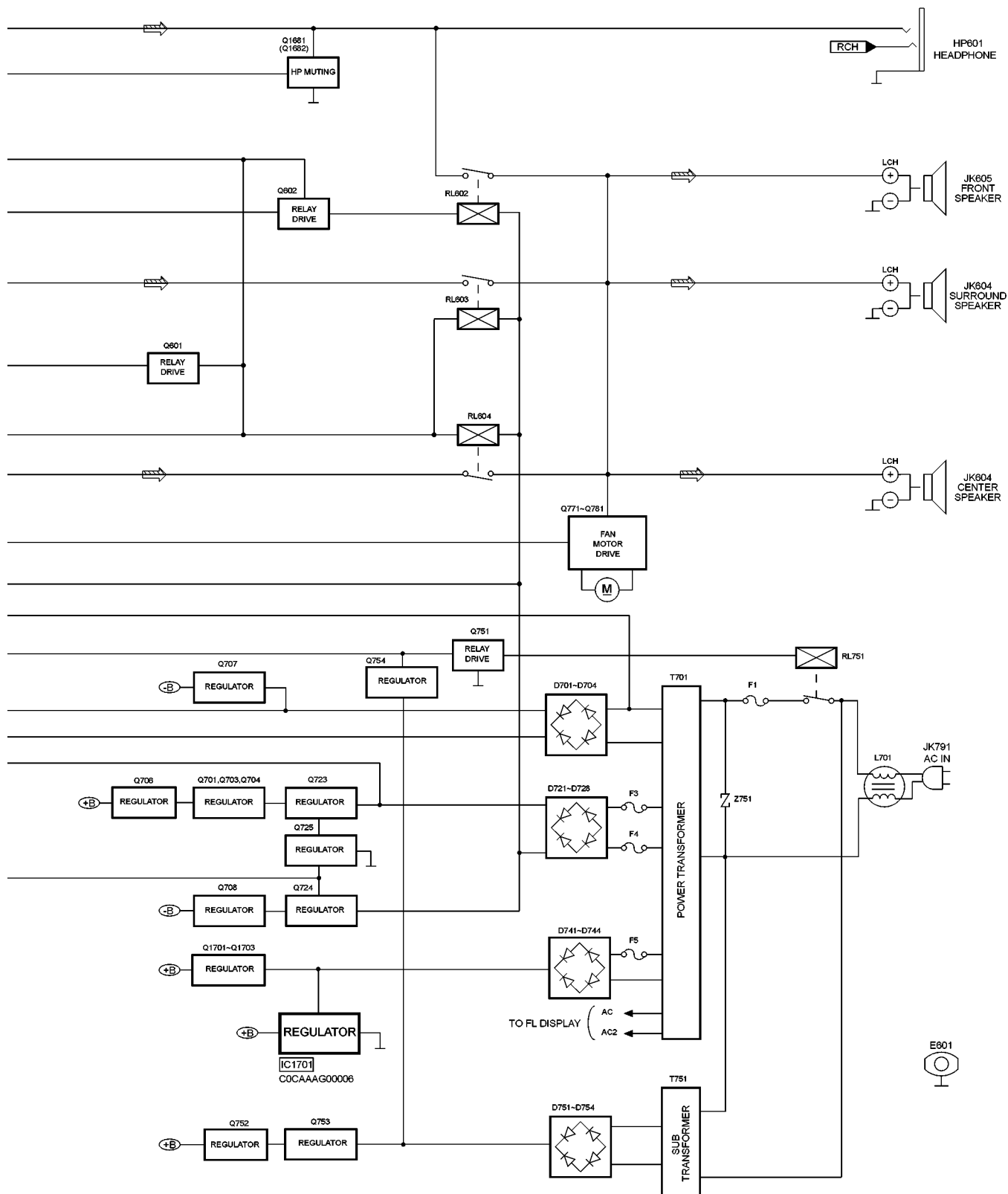








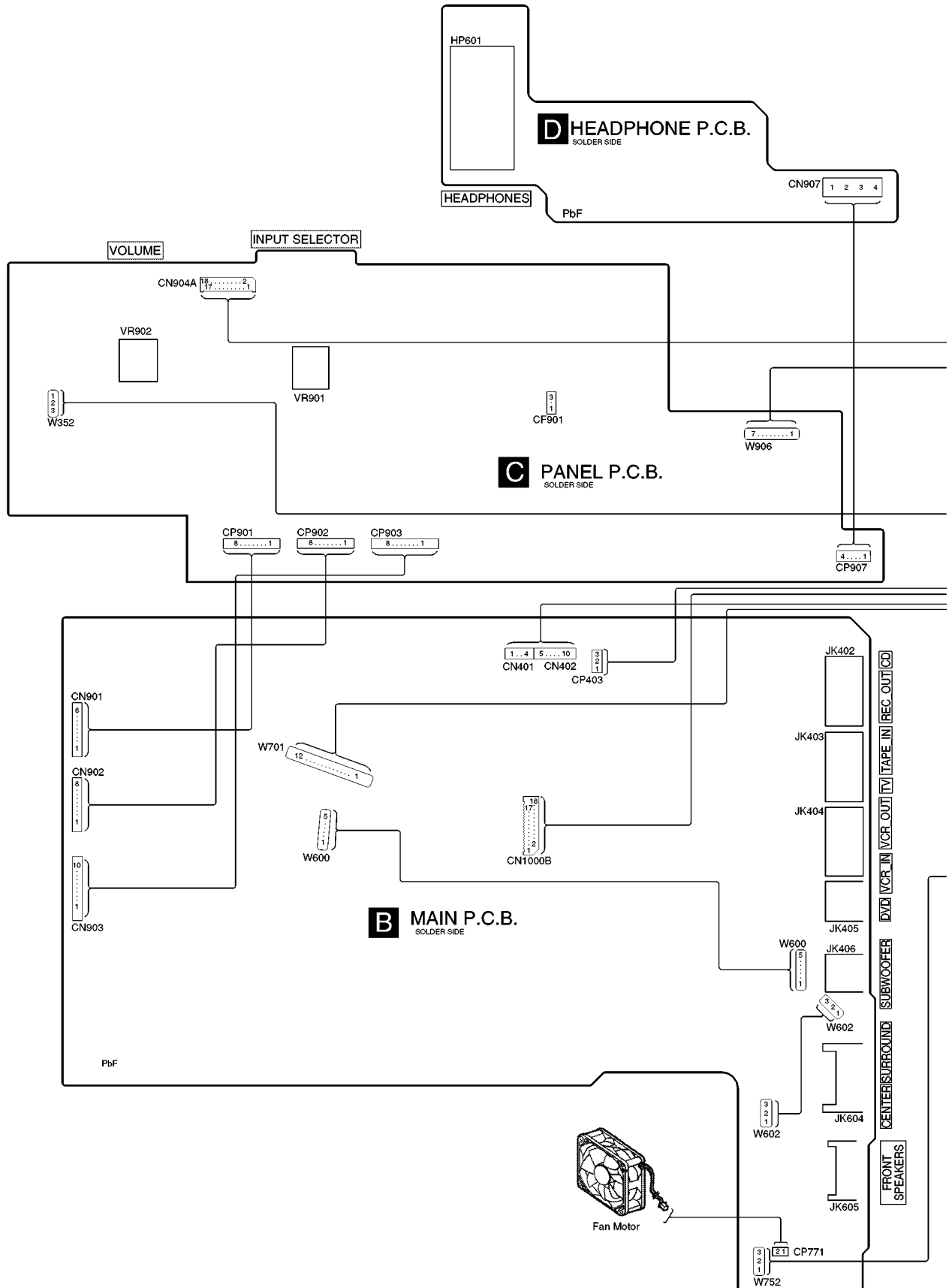


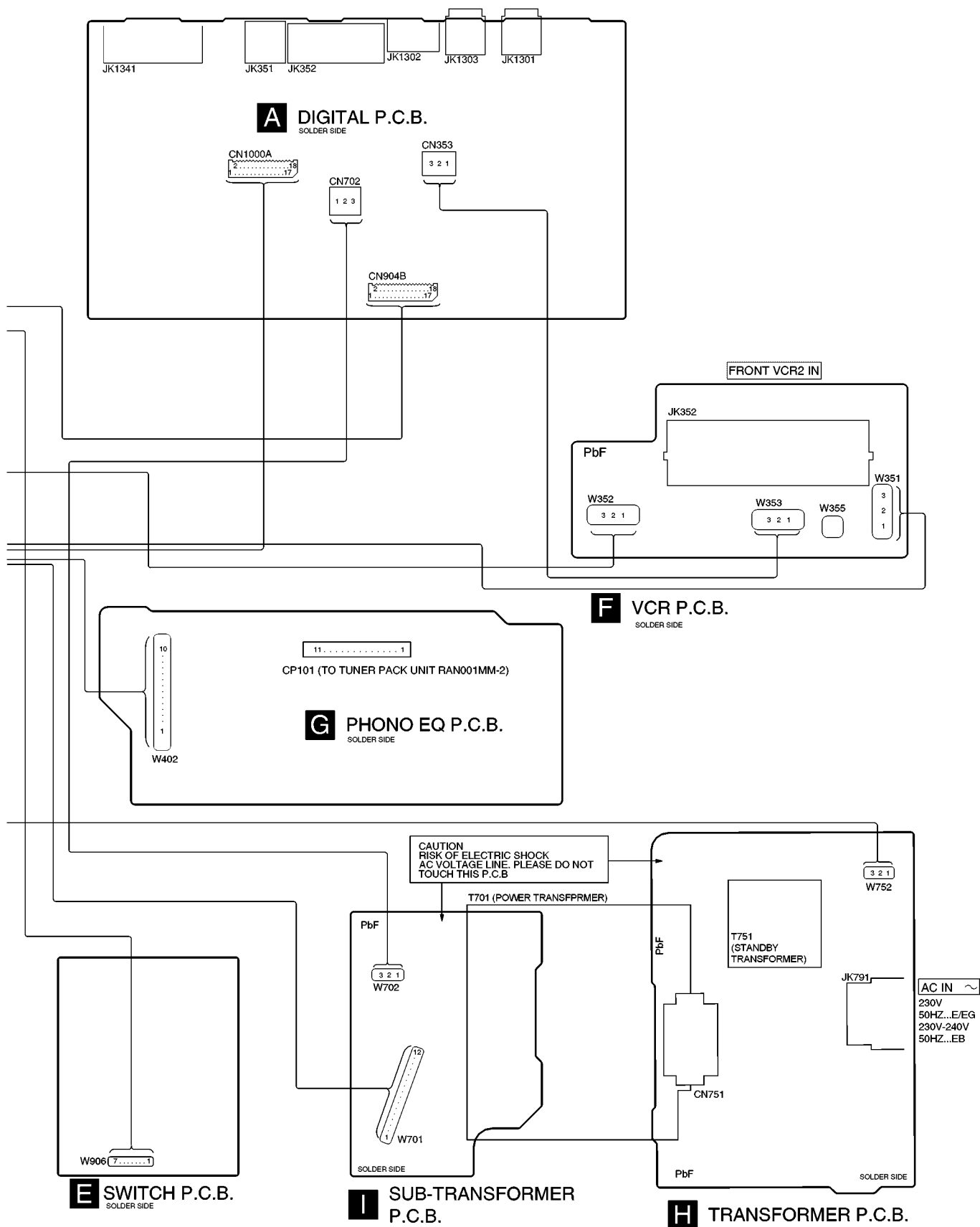


SIGNAL LINES

	: MAIN SIGNAL LINE		: FM /AM SIGNAL LINE
() Indicates the Pin No. of Right Channel. NOTE : Signal Lines are applicable to the Left Channel only.			

13 Wiring Connection Diagram





14 Terminal Functions of ICs

• IC901 (C2BBGF000437) MICRO COMPUTER

Pin No.	Mark	I/O	Function
1~2	KEY1~KEY2	I	Key Input 1~2
3	RDS_CLK	-	RDS Data IC CLOCK
4	RDS_DO	-	RDS Data IC - DATA OUT
5	RDS_DI	-	RDS Data IC - DATA IN
6	RDS_CE	-	Control of RDS IC (Not used, open)
7	THRM/OVLD1	I	Thermal/Over load input 1
8	THRM/OVLD2	I	Thermal/Over load input 2
9	SD	I	SD signal detect input
10	IF DATA	I	IF DATA input
11	TNR_CE	O	Tuner control (CE) chip enable signal
12	SFC_ENCD_1	I	SFC mode encoder input 1
13	SFC_ENCD_2	I	SFC mode encoder input 2
14	TC9482_CLK	O	Volume control - CLK
15	TC9482_DT	O	Volume control - DT
16	TC9482_ST	O	Volume control - ST
17	CNVSS	-	-
18	RESET	-	Reset detect terminal
19	DSP_PASS	O	Volume encoder input 1
20	MOS_FET_LED	O	Volume encoder input 2
21	VSS	I	Ground
22	XIN	I	Crystal oscillator terminal (4 MHz)
23	XOUT	O	Crystal oscillator terminal (4 MHz)
24	VCC	I	Power supply terminal
25	VOL_ENCD_1	I	Volume mode encoder input 1
26	VOL_ENCD_2	I	Volume mode encoder input 2
27	CS4226_CDOUT	I	CS4226 serial data input
28	CS4226_CS	I	CS4226 chip selector
29	CS4226_OVLERR	I	CS4226 overload error input
30	CS4226_INTREQ	I	CS4226 input request
31	REMOTE	I	Remote control terminal
32	HOLD	I	Blackout detection terminal
33	FRNT_VCR2	I	Encoder of surround mode selector input 1
34	SEL_ENCD_1	O	Selector encoder for input 1
35	SEL_ENCD_2	O	Selector encoder for input 2
35	SEL_ENCD_2	I	Selector encoder for input 2
36	TAPE_LED	O	Tape Selector LED
37	V_C	I	Volume Control
38	TV_LED	O	TV Selector LED
39	DVD_LED	O	DVD Selector LED
40	CD_LED	O	CD Selector LED
41	TU_LED	O	Tuner Selector LED
42	PHONO_LED	O	Phono Selector LED
43	DIGITAL_LED	O	DIGITAL INPUT LED
44	DVD_6CH_LED	O	DVD 6CH LED
45	LIMITTER	-	-
46	TC916x_STB	O	Selector/Tuner (CK) clock signal
47	TC916x_TNR_CLK	O	Selector/Tuner/DVD 6CH SW-CK
48	TC916x_TNR_DT	O	Selector/Tuner/DVD 6CH SW-DT
49	S/C_SP	O	Surround/Center speaker control output
50	SP_B	O	Speaker B control output
51	SP_A	O	Speaker A control output
52	RELAY	O	Relay control output
53	AF_MUTE	O	Muting control output
54	SUBW_MUTE	O	Subwoofer muting

55	WAKE_LED	-	Wake up timer LED (Not use, open)
56	VCR_MUTE	O	VCR RECORD MUTE
57~59	NOT USED	-	NOT USED
60~78	SEG19~SEG1	O	FL segment signal output
79~88	DEG1~DEG10	O	FL digit signal output
89	VEE	-	Power supply for FL driver
90	CS49326_SCDOUT	O	CS49326 serial data power output
91	CS49326_CDIN	I	CS49326 serial data power input
92	CS49326_CCLK	I	CS49326 serial clock
93	CS49326_CS	I	CS49326 chip selector
94	CS4226_RESET	I	CS4226 reset
95	CS49326_RESET	I	CS49326 reset
96	INIT_IN	I	Diode input initial settings
97	AVSS	-	Ground
98	VREF	-	Reference voltage
99	VIDEO_B	O	Video selector control output B
100	VIDEO_A	O	Video selector control output A

15 Parts Location and Replacement Parts List

Notes:

- Important safety notice:

Components identified by $\triangle$ 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 these components, be sure to use only manufacturers's specified parts shown in the parts list.

- The parenthesized indications in the Remarks column specify the areas or color. (Refer to the cover page for area or color.)

Parts without these indications can be used for all areas.

- Capacitor values are in microfarad (μ F) unless specified otherwise, P=Pico-farads(pF); Farads.

- Resistance values are in ohms, unless specified otherwise, 1K=1,000(ohms).

- The marking (RTL) indicates that the Retention Time is limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

- [M] indicates in the Remarks columns indicates parts that are supplied by **MESA**.

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

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

- Reference for O/I book languages are as follows :

Ar : Arabic
Du : Dutch
It : Italian
SP : Spanish

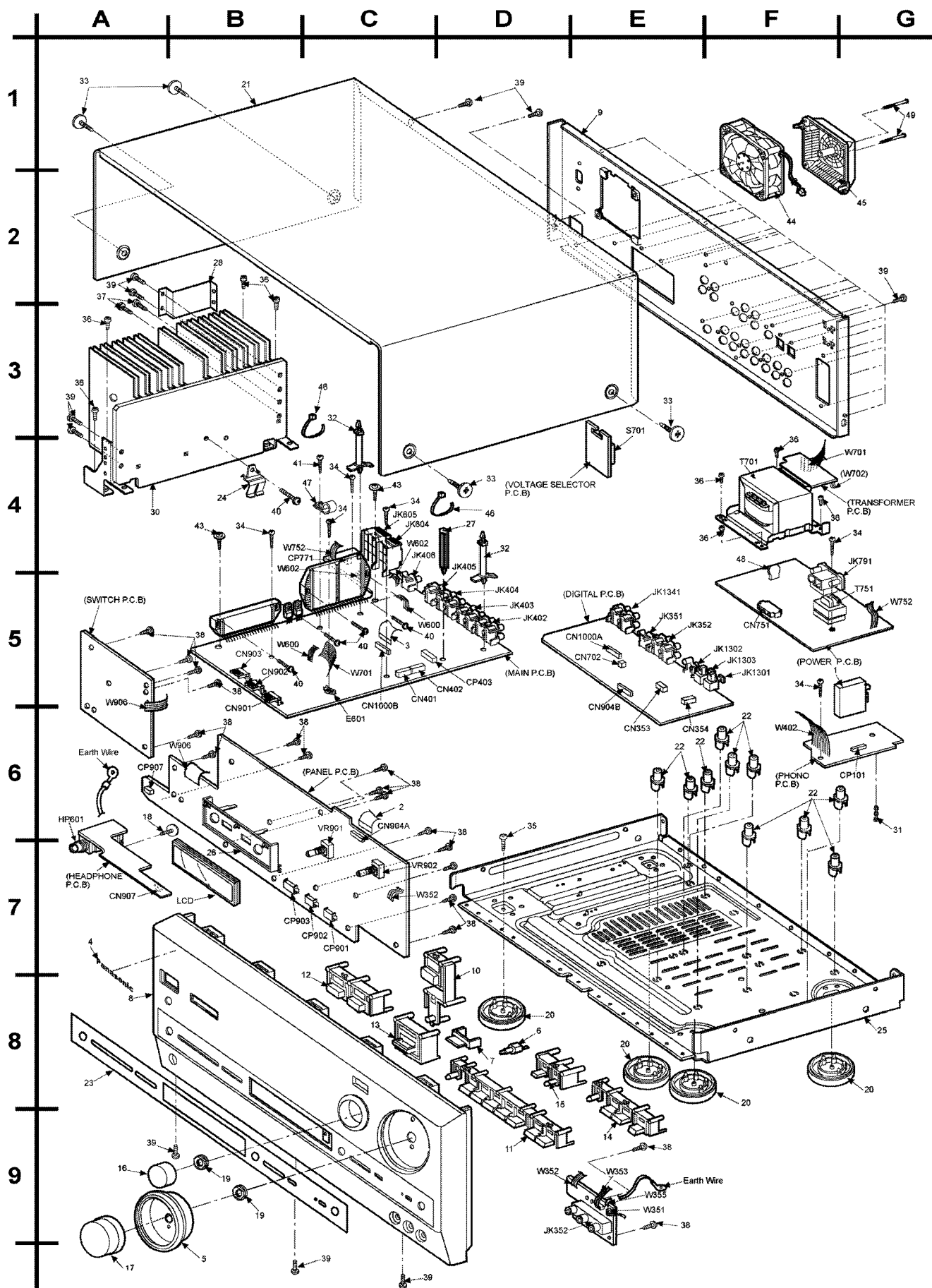
CF : Canadian French
En : English
Ko : Korean
Sw : Swedish

CZ : Czech
Fr : French
Po : Polish
Co : Traditional Chinese

Da : Danish
Ge : German
Ru : Russian
Cn : Simplified Chinese

15.1. Cabinet

15.1.1. Cabinet Parts Location



15.1.2. Cabinet Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET AND CHASSIS	
1	RAN0002EM-1	TUNER MODULE	[M]
2	REE1071	FCC#1 (PANEL-DIGITAL)	[M]
3	REE1072	FCC#2 (MAIN-DIGITAL)	[M]
4	RGB0145-N	PANASONIC BADGE	[M]
5	RGKV0025-1S	VOLUME RING	[M] K
5	RGKV0025-S	VOLUME RING	[M] S
6	RGL0537-Q	STANDBY LIGHT GUIDE	[M]
7	RGLV0002-Q	DIGITAL LIGHT GUIDE	[M]
8	RGPV0011A-K	FRONT PANEL	[M] K
8	RGPV0011A-S	FRONT PANEL	[M] S
9	RGR0306P-E	REAR PANEL	[M] EG E
9	RGR0306P-F	REAR PANEL	[M] EB
10	RGUV0015-K	POWER BUTTON	[M] K
10	RGUV0015-S	POWER BUTTON	[M] S
11	RGUV0016-K	MODE BUTTON	[M]
12	RGUV0017-K	SFC BUTTON	[M] K
12	RGUV0017-S	SFC BUTTON	[M] S
13	RGUV0018-K	DIGITAL BUTTON	[M] K
13	RGUV0018-S	DIGITAL BUTTON	[M] S
14	RGUV0019-K	SELECTOR BUTTON	[M]
15	RGUV0020-K	SUBWOOFER BUTTON	[M]
16	RGW0280-1K	SELECTOR KNOB	[M] K
16	RGW0280-S	SELECTOR KNOB	[M] S
17	RGW0359-1K	VOLUME KNOB	[M] K
17	RGW0359-S	VOLUME KNOB	[M] S
18	RHD26016	SCREW (PHONE JACK)	[M]
19	RHN90001	M9 NUT	[M]
20	RKA0079A-A	LEG UNIT	[M]
21	RKM0373C-1K	CABINET	[M] K
21	RKM0373C-S	CABINET	[M] S
22	RKQ0089A	PCB SUPPORT	[M]
23	RKVV0004A-Q	FL WINDOW	[M]
24	RMC0158-S	TRANSISTOR HOLDER	[M]
25	RMK0320-1	BOTTOM CHASSIS	[M]
26	RMN0628	FL HOLDER	[M]
27	RMN0648	PCB SUPPORT 2	[M]
28	RMQ1030	HEAT SINK ANGLE	[M]
30	RXX0233	HEAT SINK UNIT	[M]
31	SHR8006	PCB SPACER	[M]
32	SHR9683	PCB SUPPORT 1	[M]
33	SNE2129-3	SCREW (CABINET)	[M] K
33	SNE2129-2	SCREW (CABINET)	[M] S
34	XTB3+20JFZ	SCREW	[M]
35	XTB3+6G	SCREW	[M]
36	XTB3+8FFZ	SCREW	[M]
37	XTB3+8JFZ	SCREW	[M]
38	XTBS26+10J	SCREW	[M]
39	XTBS3+8JFZ1	SCREW	[M]
40	XTW3+15T	SCREW	[M]
41	XTW3+20T	SCREW	[M]
43	XTWS3+8T	SCREW	[M]
44	REM0080B	FAN UNIT	[M]
45	RGQ0330-K	FAN COVER	[M]
46	RMN0649	WIRE CLAMPER	[M]
47	RMNV0003	WIRE CLAMPER	[M]
48	RMZ0339	ZENER COVER	[M]
49	XTB3+35JFZ	SCREW (FAN)	[M]

15.2. Components Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		PRINTED CIRCUIT BOARD	
	REP3494B-T	DIGITAL P.C.B. (SIDE: A)	[M] (RTL)
	REP3494B-T	DIGITAL P.C.B. (SIDE: B)	[M] (RTL)
	REP3492C-M	MAIN P.C.B.	[M] (RTL) E/E G
	REP3492D-M	MAIN P.C.B.	[M] (RTL) EB
	REP3493B-S	PANEL P.C.B.	[M] (RTL)
	REP3493B-S	HEADPHONE P.C.B.	[M] (RTL)
	REP3493B-S	VCR P.C.B.	[M] (RTL)
	REP3492C-M	PHONO EQ P.C.B.	[M] (RTL) E/E G
	REP3492D-M	PHONO EQ P.C.B.	[M] (RTL) EB
	REP3493B-S	SWITCH P.C.B.	[M] (RTL)
	REP3492C-M	TRANSFORMER P.C.B.	[M] (RTL) E/E G
	REP3492D-M	TRANSFORMER P.C.B.	[M] (RTL) EB
	REP3492C-M	SUB-TRANSFORMER P.C.B.	[M] (RTL) E/E G
	REP3492D-M	SUB-TRANSFORMER P.C.B.	[M] (RTL) EB
		INTEGRATED CIRCUITS	
IC351	CIAB00001588	IC VIDEO SELECTOR	[M]
IC401	TC9163AN	IC SELECTOR	[M]
IC402	C0AABB000086	IC OP AMP	[M]
IC601	RSN310R36A-P	IC 3CH HIC	[M]
IC651	RSN313H25-P	IC HIC	[M]
IC901	C2BBGF000437	IC MICOM	[M]
IC970	LC72720N	IC RDS	[M]
IC1001	C2HBZZ000010	IC AC3/DTS IC PART	[M]
IC1002	C0FBZJ000004	IC DIR/DAC/VOL	[M]
IC1003	SN74LV244APW	IC LOGIC	[M]
IC1004	SN7AHT244PW	IC LOGIC	[M]
IC1005	SN74HCU04APW	IC LOGIC	[M]
IC1006	SNAHCU04DBV	IC SINGLE INVERTER	[M]
IC1201	NJM2060MTE1	IC OP AMP	[M]
IC1203	C0ABBB000127	IC OP AMP	[M]
IC1230	NJM2060MTE1	IC OP AMP	[M]
IC1231	C0ABBB000127	IC OP AMP	[M]
IC1301	NJM2060MTE1	IC OP AMP	[M]
IC1302	NJM2060MTE1	IC OP AMP	[M]
IC1401	C0JBAS000175	IC SELECTOR	[M]
IC1402	TC9482F	IC VOLUME	[M]
IC1451	C0ABBB000127	IC OP AMP	[M]
IC1452	NJM2060MTE1	IC OP AMP	[M]
IC1521	C0ABBB000102	IC OP AMP	[M]
IC1522	C0ABBB000102	IC OP AMP	[M]
IC1701	C0CAAAG00006	IC REGULATOR	[M]
		TRANSISTORS	
Q351	2SD592AQRSTA	TRANSISTOR	[M]
Q352	2SB0621AWA	TRANSISTOR	[M]
Q401	2SK2880CTA	TRANSISTOR	[M]
Q402	2SK2880CTA	TRANSISTOR	[M]
Q551	2SD1915FTA	TRANSISTOR	[M]
Q552	2SD1915FTA	TRANSISTOR	[M]
Q553	2SD1915FTA	TRANSISTOR	[M]
Q554	2SD1915FTA	TRANSISTOR	[M]
Q555	2SD1915FTA	TRANSISTOR	[M]
Q556	2SD1915FTA	TRANSISTOR	[M]
Q557	2SD1915FTA	TRANSISTOR	[M]
Q560	KRA102MTA	TRANSISTOR	[M]
Q601	KRA119MTA	TRANSISTOR	[M]
Q602	KRA119MTA	TRANSISTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
Q604	KRA102MTA	TRANSISTOR	[M]
Q605	KRA102MTA	TRANSISTOR	[M]
Q651	KRA119MTA	TRANSISTOR	[M]
Q652	KRA119MTA	TRANSISTOR	[M]
Q701	2SD2374PQAU	TRANSISTOR	[M]
Q703	KTC3199GRTA	TRANSISTOR	[M]
Q704	KTC3199GRTA	TRANSISTOR	[M]
Q706	B1BABG000004	TRANSISTOR	[M]
Q707	2SA1534ALA	TRANSISTOR	[M]
Q708	2SB1548PQAU	TRANSISTOR	[M]
Q723	KRA102MTA	TRANSISTOR	[M]
Q724	KRC102MTA	TRANSISTOR	[M]
Q725	KRC107MTA	TRANSISTOR	[M]
Q751	RVTDTTC143ZST	TRANSISTOR	[M]
Q752	B1BABG000004	TRANSISTOR	[M]
Q753	2SK2880CTA	TRANSISTOR	[M]
Q754	KRC102MTA	TRANSISTOR	[M]
Q771	KTA1267GRTA	TRANSISTOR	[M]
Q772	KTC3199GRTA	TRANSISTOR	[M]
Q773	2SB0621AWA	TRANSISTOR	[M]
Q774	RVTDTA113ZST	TRANSISTOR	[M]
Q775	KRA102MTA	TRANSISTOR	[M]
Q776	KTC3199GRTA	TRANSISTOR	[M]
Q777	KTA1267GRTA	TRANSISTOR	[M]
Q778	KTA1267GRTA	TRANSISTOR	[M]
Q779	KTA1267GRTA	TRANSISTOR	[M]
Q780	KTA1267GRTA	TRANSISTOR	[M]
Q781	KTC3199GRTA	TRANSISTOR	[M]
Q901	KRC107MTA	TRANSISTOR	[M]
Q902	KTA1267GRTA	TRANSISTOR	[M]
Q903	KRA102MTA	TRANSISTOR	[M]
Q1001	B1GDCFJN0001	TRANSISTOR	[M]
Q1681	2SD1915FTA	TRANSISTOR	[M]
Q1682	2SD1915FTA	TRANSISTOR	[M]
Q1701	KTC2026	TRANSISTOR	[M]
Q1702	2SD2374PQAU	TRANSISTOR	[M]
Q1703	KTC3199GRTA	TRANSISTOR	[M]
		DIODES	
D351	UDZSTE175R6B	DIODE	[M]
D352	UDZSTE175R6B	DIODE	[M]
D353	B0ACCK000005	DIODE	[M]
D354	B0ACCK000005	DIODE	[M]
D401	B0BA7R500006	DIODE	[M]
D403	B0AACK000004	DIODE	[M]
D404	B0AACK000004	DIODE	[M]
D501	B0AACK000004	DIODE	[M]
D601	B0JAPG000008	DIODE	[M]
D602	B0JAPG000008	DIODE	[M]
D605	B0AACK000004	DIODE	[M]
D612	B0AACK000004	DIODE	[M]
D613	B0AACK000004	DIODE	[M]
D614	B0AACK000004	DIODE	[M]
D617	B0AACK000004	DIODE	[M]
D618	B0BA7R500006	DIODE	[M]
D651	1N5402BM21	DIODE	[M]
D652	1N5402BM21	DIODE	[M]
D701	1N5402BM21	DIODE	[M]
D702	1N5402BM21	DIODE	[M]
D703	1N5402BM21	DIODE	[M]
D704	1N5402BM21	DIODE	[M]
D705	B0BA6R100003	DIODE	[M]
D707	B0BA03200003	DIODE	[M]
D708	MTZJ16CTA	DIODE	[M]
D721	1N5402BM21	DIODE	[M]
D722	1N5402BM21	DIODE	[M]
D723	1N5402BM21	DIODE	[M]
D724	1N5402BM21	DIODE	[M]
D725	1N5402BM21	DIODE	[M]
D726	1N5402BM21	DIODE	[M]
D727	1N5402BM21	DIODE	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
D728	1N5402BM21	DIODE	[M]
D731	B0AACK000004	DIODE	[M]
D732	B0AACK000004	DIODE	[M]
D733	B0AACK000004	DIODE	[M]
D734	B0AACK000004	DIODE	[M]
D735	B0AACK000004	DIODE	[M]
D741	1SR35400V	DIODE	[M]
D742	1SR35400V	DIODE	[M]
D743	1SR35400V	DIODE	[M]
D744	1SR35400V	DIODE	[M]
D751	1SR35400V	DIODE	[M]
D752	1SR35400V	DIODE	[M]
D753	1SR35400V	DIODE	[M]
D754	1SR35400V	DIODE	[M]
D755	B0AACK000004	DIODE	[M]
D756	B0BA6R600008	DIODE	[M]
D757	MTZJ16CTA	DIODE	[M]
D768	B0BA3R300010	DIODE	[M]
D769	B0AACK000004	DIODE	[M]
D770	B0AACK000004	DIODE	[M]
D771	RE721Q40T77	DIODE	[M]
D772	RE721Q40T77	DIODE	[M]
D773	B0BA8R200005	DIODE	[M]
D774	RE721Q40T77	DIODE	[M]
D781	RE721Q40T77	DIODE	[M]
D782	RE721Q40T77	DIODE	[M]
D901	1SS291TA	DIODE	[M]
D902	B0AACK000004	DIODE	[M]
D903	B0BA5R600016	DIODE	[M]
D904	MA2C167A0E	DIODE	[M]
D905	RE721Q40T77	DIODE	[M]
D907	MA2C167A0E	DIODE	[M]
D908	MA2C167A0E	DIODE	[M]
D910	MTZJ3R9ATA	DIODE	[M]
D911	B0AACK000004	DIODE	[M]
D912	B0AACK000004	DIODE	[M]
D913	B0AACK000004	DIODE	[M]
D914	1SS291TA	DIODE	[M]
D930	B3AAA0000487	DIODE	[M]
D938	SLR325MCT31	DIODE	[M]
D940	B3ACA0000063	DIODE	[M]
D944	SLR325MCT31	DIODE	[M]
D970	B0AACK000004	DIODE	[M]
D1705	UDZSTE176R2B	DIODE	[M]
		VARIABLE RESISTORS	
VR901	K9AA012A0002	ROTARY ENCODER	[M]
VR902	RRV16B24304A	VOLUME ENCODER	[M]
		SWITCHES	
S950	EVQ21405RJ	SW POWER	[M]
S952	EVQ21405RJ	SW SPEAKER	[M]
S953	EVQ21405RJ	SW SFC MODE	[M]
S954	EVQ21405RJ	SW TIMER	[M]
S955	EVQ21405RJ	SW MEMORY	[M]
S956	EVQ21405RJ	SW FM MODE	[M]
S957	EVQ21405RJ	SW BAND	[M]
S958	EVQ21405RJ	SW PRESET	[M]
S959	EVQ21405RJ	SW TUNING UP	[M]
S960	EVQ21405RJ	SW TUNING DOWN	[M]
S962	EVQ21405RJ	SW RESET HELP	[M]
S964	EVQ21405RJ	SW SOUND MODE	[M]
S965	EVQ21405RJ	SW DIGITAL	[M]
S966	EVQ21405RJ	SW DVD-6CH	[M]
S967	EVQ21405RJ	SW +/-RIGHT	[M]
S968	EVQ21405RJ	SW -/LEFT	[M]
S969	EVQ21405RJ	SW TONE /BALANCE	[M]
S970	EVQ21405RJ	SW TAPE MONITOR	[M]
S971	EVQ21405RJ	SW SUB.WOOFER MODE	[M]
		CONNECTORS	

Ref. No.	Part No.	Part Name & Description	Remarks
CN353	K1KA03A00006	3P CONNECTOR	[M]
CN401	K1MP04A00008	4P TAPING CONNECTOR	[M]
CN402	K1MP06A00009	6P TAPING CONNECTOR	[M]
CN702	K1MP03A00010	3P CONNECTOR	[M]
CN751	K1ML03B00002	3P CONNECTOR	[M]
CN901	K1KB08A00046	BOARD IN CONNECTOR	[M]
CN902	K1KB08A00046	BOARD IN CONNECTOR	[M]
CN903	K1KB10A00065	10P B/B CONNECTOR	[M]
CN904A	K1MN18A00046	18P CONNECTOR	[M]
CN904B	K1MN18A00046	18P CONNECTOR	[M]
CN907	RJU100W04	4P CONNECTOR	[M]
CN1000A	K1MN18A00046	18P CONNECTOR	[M]
CN1000B	K1MN18A00046	18P CONNECTOR	[M]
CP101	K1KA11A00093	11P CONNECTOR	[M]
CP403	K1KA03A00006	3P CONNECTOR	[M]
CP771	K1KA02A00008	FAN CONNECTOR	[M]
CP901	RJT003K008M1	8P CONNECTOR	[M]
CP902	RJT003K008M1	8P CONNECTOR	[M]
CP903	RJT003K010M1	10P CONNECTOR	[M]
CP907	RJT100W04	4P CONNECTOR	[M]
		COILS & TRANSFORMERS	
L602	RLQYR73MW-E	CHOKE COIL	[M]
L603	RLQYR73MW-E	CHOKE COIL	[M]
L604	RLQYR73MW-E	CHOKE COIL	[M]
L651	RLQYR73MW-E	CHOKE COIL	[M]
L652	RLQYR73MW-E	CHOKE COIL	[M]
L701	RLQT801M-W	CHOKE COIL	[M] △
L751	G0C101KA0030	CHOKE COIL	[M]
L901	G0C101KA0030	CHOKE COIL	[M]
L970	G0C101KA0029	AXIAL COIL	[M]
L971	G0C101KA0029	AXIAL COIL	[M]
L1001	G1C2R2K00008	CHIP INDUCTOR	[M]
L1002	G1C2R2K00008	CHIP INDUCTOR	[M]
L1003	G1C2R2K00008	CHIP INDUCTOR	[M]
L1004	G1C2R2K00008	CHIP INDUCTOR	[M]
L1303	VLQ0855M1R0T	CHIP INDUCTOR	[M]
L1304	RLQZ150M-0	CHOKE COIL	[M]
T701	G4C8AGH00003	POWER TRANSFORMER	[M]
T751	ETP28KCZ61DU	STANDBY TRANSFORMER	[M]
		COMPONENT COMBINATION	
Z751	ERZV10V511CS	ZENER	[M] △
Z901	B3RAD0000035	REMOTE SENSOR	[M]
Z1304	J0JKB0000020	EMI BEAD CORE	[M]
Z1308	J0JKB0000020	EMI BEAD CORE	[M]
		CERAMIC FILTERS	
CF901	H2B400400008	CERAMIC OSCILLATOR	[M]
		RELAY	
RL602	K6B2AHA00014	RELAY	[M]
RL603	K6B2AHA00014	RELAY	[M]
RL604	K6B2AHA00014	RELAY	[M]
RL751	K6B1AEA00003	PC POWER RELAY	[M] △
		OSCILLATORS	
X970	H0H433400001	CRYSTAL OSCILLATOR	[M]
X1001	H0J122200001	CRYSTAL OSCILLATOR	[M]
		DISPLAY TUBE	
FL901	A2BB00000100	FL DISPLAY	[M]
		FUSES	
F1	K5D252BL0004	FUSE	[M] △

Ref. No.	Part No.	Part Name & Description	Remarks
F3	K5D632BL0002	FUSE	[M] △
F4	K5D632BL0002	FUSE	[M] △
F5	K5D102BL0001	FUSE	[M] △
		FUSE HOLDERS	
FC701	EYF52BC	FUSE HOLDER	[M]
FC702	EYF52BC	FUSE HOLDER	[M]
FC705	EYF52BC	FUSE HOLDER	[M]
FC706	EYF52BC	FUSE HOLDER	[M]
FC707	EYF52BC	FUSE HOLDER	[M]
FC708	EYF52BC	FUSE HOLDER	[M]
FC709	EYF52BC	FUSE HOLDER	[M]
FC710	EYF52BC	FUSE HOLDER	[M]
		JACKS	
JK351	K4BK01H00006	JK 1P RCA	[M]
JK352	K4BK03K00001	JK FRONT VCR	[M]
JK352	K4BK04H00012	JK 4P RCA	[M]
JK402	K4BK04H00013	JK 4P RCA	[M]
JK403	K4BK04H00013	JK 4P RCA	[M]
JK404	K4BK04H00013	JK 4P RCA	[M]
JK405	K4BK02H00005	JK 2P RCA	[M]
JK406	K4BK01H00005	JK 1P RCA	[M]
JK604	K4BC06B00027	JK SPEAKER TERMINAL	[M]
JK605	K4BC04B00053	JK SPEAKER TERMINAL	[M]
JK791	K2AA2B000002	JK AC INLET	[M] △
JK1301	K7ABBC000001	JK OPTICAL INPUT	[M]
JK1302	RJH2110N-3	JK 1P RCA	[M]
JK1303	K7ABBC000001	JK OPTICAL INPUT	[M]
JK1341	K4BK04H00014	JK 4P RCA	[M]
		EARTH TERMINAL	
E601	SNE1004-2	EARTH TERMINAL	[M]
		WIRES	
W351	REXV0010	3P SHIELD WIRE	[M]
W352	RWJ18031508S	WIRE	[M]
W353	REX1069	3P SHIELD WIRE	[M]
W355	REZ1372	EARTH WIRE	[M]
W402	RWJ18101208X	10P WIRE	[M]
W600	RWJ18052508S	WIRE	[M]
W602	RWJ18030908S	WIRE	[M]
W701	RWJ18125208S	WIRE	[M]
W702	RWJ18033208X	WIRE	[M]
W752	RWJ18031808S	WIRE	[M]
W906	RWJ18071508S	WIRE	[M]
W908	REZ1372	EARTH WIRE	[M]
HP601	K2HB103J0063	JK HEADPHONES	[M]
		RESISTORS	
R351	ERDS2TJ750T	75 1/4W	[M]
R351	ERJ3GEYJ750V	75 1/16W	[M]
R352	ERJ3GEYJ750V	75 1/16W	[M]
R353	ERDS2TJ103T	10K 1/4W	[M]
R353	ERJ3GEYJ750V	75 1/16W	[M]
R354	ERJ3GEYJ750V	75 1/16W	[M]
R355	ERJ3GEYJ103V	10K 1/16W	[M]
R356	ERJ3GEYJ103V	10K 1/16W	[M]
R357	ERJ3GEYJ103V	10K 1/16W	[M]
R358	ERJ3GEYJ102V	1K 1/16W	[M]
R359	ERJ3GEYJ102V	1K 1/16W	[M]
R360	ERD2FCVG220T	22 1/4W	[M]
R361	ERJ3GEYJ182V	1.8K 1/16W	[M]
R362	ERJ3GEYJ182V	1.8K 1/16W	[M]
R363	ERD2FCVG220T	22 1/4W	[M]
R364	ERJ3GEYJ750V	75 1/16W	[M]
R401	ERDS2TJ102T	1K 1/4W	[M]
R402	ERDS2TJ102T	1K 1/4W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R403	ERDS2TJ102T	1K 1/4W	[M]
R404	ERDS2TJ102T	1K 1/4W	[M]
R405	ERDS2TJ102T	1K 1/4W	[M]
R406	ERDS2TJ102T	1K 1/4W	[M]
R407	ERDS2TJ102T	1K 1/4W	[M]
R408	ERDS2TJ102T	1K 1/4W	[M]
R409	ERDS2TJ102T	1K 1/4W	[M]
R410	ERDS2TJ102T	1K 1/4W	[M]
R411	ERDS2TJ102T	1K 1/4W	[M]
R412	ERDS2TJ102T	1K 1/4W	[M]
R413	ERDS2TJ102T	1K 1/4W	[M]
R414	ERDS2TJ102T	1K 1/4W	[M]
R415	ERDS2TJ102T	1K 1/4W	[M]
R416	ERDS2TJ102T	1K 1/4W	[M]
R417	ERDS2TJ473T	47K 1/4W	[M]
R418	ERDS2TJ473T	47K 1/4W	[M]
R419	ERDS2TJ104T	100K 1/4W	[M]
R420	ERDS2TJ104T	100K 1/4W	[M]
R421	ERDS2TJ102T	1K 1/4W	[M]
R421	ERDS2TJ104T	100K 1/4W	[M]
R422	ERDS2TJ102T	1K 1/4W	[M]
R422	ERDS2TJ104T	100K 1/4W	[M]
R423	ERDS2TJ102T	1K 1/4W	[M]
R423	ERDS2TJ224T	220K 1/4W	[M]
R424	ERDS2TJ102T	1K 1/4W	[M]
R424	ERDS2TJ224T	220K 1/4W	[M]
R425	ERDS2TJ103T	10K 1/4W	[M]
R426	ERDS2TJ103T	10K 1/4W	[M]
R427	ERDS2TJ103T	10K 1/4W	[M]
R435	ERDS2TJ473T	47K 1/4W	[M]
R436	ERDS2TJ102T	1K 1/4W	[M]
R449	ERDS1FVJ560T	56 1/2W	[M]
R450	ERDS1FVJ560T	56 1/2W	[M]
R467	ERDS2TJ473T	47K 1/4W	[M]
R468	ERDS2TJ473T	47K 1/4W	[M]
R485	ERDS2TJ104T	100K 1/4W	[M]
R486	ERDS2TJ102T	1K 1/4W	[M]
R544	ERDS2TJ103T	10K 1/4W	[M]
R545	ERDS2TJ684T	680K 1/4W	[M]
R546	ERDS2TJ104T	100K 1/4W	[M]
R547	ERDS2TJ684T	680K 1/4W	[M]
R548	ERDS2TJ822T	8.2K 1/4W	[M]
R549	ERDS2TJ822T	8.2K 1/4W	[M]
R550	ERDS2TJ822T	8.2K 1/4W	[M]
R551	ERDS2TJ102T	1K 1/4W	[M]
R552	ERDS2TJ102T	1K 1/4W	[M]
R553	ERDS2TJ102T	1K 1/4W	[M]
R554	ERDS2TJ102T	1K 1/4W	[M]
R555	ERDS2TJ102T	1K 1/4W	[M]
R556	ERDS2TJ102T	1K 1/4W	[M]
R557	ERDS2TJ102T	1K 1/4W	[M]
R581	ERDS2TJ473T	47K 1/4W	[M]
R582	ERDS2TJ473T	47K 1/4W	[M]
R583	ERDS2TJ473T	47K 1/4W	[M]
R584	ERDS2TJ473T	47K 1/4W	[M]
R585	ERDS2TJ473T	47K 1/4W	[M]
R586	ERDS2TJ473T	47K 1/4W	[M]
R591	ERDS2TJ272T	2.7K 1/4W	[M]
R592	ERDS2TJ272T	2.7K 1/4W	[M]
R593	ERDS2TJ272T	2.7K 1/4W	[M]
R594	ERDS2TJ272T	2.7K 1/4W	[M]
R595	ERDS2TJ272T	2.7K 1/4W	[M]
R596	ERDS2TJ272T	2.7K 1/4W	[M]
R603	ERDS2TJ182T	1.8K 1/4W	[M]
R604	ERDS2TJ182T	1.8K 1/4W	[M]
R605	ERDS2TJ221T	220 1/4W	[M]
R606	ERDS2TJ221T	220 1/4W	[M]
R607	ERDS2TJ563T	56K 1/4W	[M]
R608	ERDS2TJ563T	56K 1/4W	[M]
R609	ERDS2TJ470T	47 1/4W	[M]
R610	ERDS2TJ470T	47 1/4W	[M]
R611	ERDS1FVJ100T	10 1/2W	[M]
R612	ERDS1FVJ100T	10 1/2W	[M]
R613	ERDS2TJ182T	1.8K 1/4W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R614	ERDS2TJ182T	1.8K 1/4W	[M]
R615	ERDS2TJ681T	680 1/4W	[M]
R616	ERD25FVJ121T	120 1/4W	[M]
R617	ERD25FVJ121T	120 1/4W	[M]
R618	ERD25FVJ121T	120 1/4W	[M]
R619	ERD25FVJ121T	120 1/4W	[M]
R621	ERDS2TJ682T	6.8K 1/4W	[M]
R622	ERDS2TJ682T	6.8K 1/4W	[M]
R623	ERDS2TJ682T	6.8K 1/4W	[M]
R624	ERD25FVJ4R7T	4.7 1/4W	[M]
R625	ERGLSJ101E	100 1W	[M]
R626	ERGLSJ101E	100 1W	[M]
R627	ERGLSJ101E	100 1W	[M]
R628	ERGLSJ101E	100 1W	[M]
R629	ERDS2TJ102T	1K 1/4W	[M]
R630	ERDS2TJ124T	120K 1/4W	[M]
R631	ERDS2TJ154T	150K 1/4W	[M]
R632	ERDS2TJ184T	180K 1/4W	[M]
R633	ERDS2TJ473T	47K 1/4W	[M]
R634	ERDS2TJ274T	270K 1/4W	[M]
R635	ERDS2TJ154T	150K 1/4W	[M]
R637	ERDS2TJ154T	150K 1/4W	[M]
R638	ERDS2TJ154T	150K 1/4W	[M]
R639	ERDS2TJ104T	100K 1/4W	[M]
R640	ERDS2TJ681T	680 1/4W	[M]
R642	ERDS2TJ182T	1.8K 1/4W	[M]
R643	ERDS2TJ563T	56K 1/4W	[M]
R644	ERDS1FVJ100T	10 1/2W	[M]
R645	ERDS2TJ470T	47 1/4W	[M]
R647	ERDS2TJ221T	220 1/4W	[M]
R653	ERDS2TJ182T	1.8K 1/4W	[M]
R654	ERDS2TJ182T	1.8K 1/4W	[M]
R655	ERDS2TJ221T	220 1/4W	[M]
R656	ERDS2TJ221T	220 1/4W	[M]
R657	ERDS2TJ563T	56K 1/4W	[M]
R658	ERDS2TJ563T	56K 1/4W	[M]
R661	ERDS1FVJ100T	10 1/2W	[M]
R662	ERDS1FVJ100T	10 1/2W	[M]
R663	ERDS2TJ470T	47 1/4W	[M]
R664	ERDS2TJ470T	47 1/4W	[M]
R671	ERD25FVJ820T	82 1/4W	[M]
R672	ERD25FVJ470T	47 1/4W	[M]
R674	ERD25FVJ4R7T	4.7 1/4W	[M]
R679	ERDS2TJ682T	6.8K 1/4W	[M]
R681	ERDS2TJ184T	180K 1/4W	[M]
R682	ERDS2TJ224T	220K 1/4W	[M]
R683	ERDS2TJ473T	47K 1/4W	[M]
R684	ERDS2TJ274T	270K 1/4W	[M]
R685	ERDS2TJ154T	150K 1/4W	[M]
R687	ERDS2TJ154T	150K 1/4W	[M]
R688	ERDS2TJ154T	150K 1/4W	[M]
R698	ERDS2TJ182T	1.8K 1/4W	[M]
R699	ERDS2TJ182T	1.8K 1/4W	[M]
R705	ERDS2TJ472T	4.7K 1/4W	[M]
R706	ERDS2TJ102T	1K 1/4W	[M]
R707	ERD25FVJ221T	220 1/4W	[M]
R708	ERDS2TJ152T	1.5K 1/4W	[M]
R711	ERDS2TJ752T	7.5K 1/4W	[M]
R712	ERDS2TJ682T	6.8K 1/4W	[M]
R713	ERDS2TJ390T	39 1/4W	[M]
R714	ERDS2TJ390T	39 1/4W	[M]
R718	ERDS2TJ333T	33K 1/4W	[M]
R719	ERDS2TJ333T	33K 1/4W	[M]
R720	ERDS2TJ821T	820 1/4W	[M]
R721	ERDS1FVJ221T	220 1/2W	[M]
R722	ERDS2TJ123T	12K 1/4W	[M]
R723	ERDS1FVJ1R2T	1.2 1/2W	[M]
R724	ERDS1FVJ1R2T	1.2 1/2W	[M]
R725	ERDS2TJ152T	1.5K 1/4W	[M]
R726	ERD25FVJ151T	150 1/4W	[M]
R728	ERDS2TJ684T	680K 1/4W	[M]
R729	ERDS2TJ684T	680K 1/4W	[M]
R730	ERDS1FVJ120T	12 1/2W	[M]
R755	ERDS2TJ222T	2.2K 1/4W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R766	ERDS2TJ473T	47K 1/4W	[M]
R767	ERDS2TJ154T	150K 1/4W	[M]
R768	ERDS2TJ102T	1K 1/4W	[M]
R769	ERDS2TJ103T	10K 1/4W	[M]
R770	ERDS2TJ104T	100K 1/4W	[M]
R771	ERDS2TJ104T	100K 1/4W	[M]
R773	ERDS2TJ103T	10K 1/4W	[M]
R774	ERDS2TJ155T	1.5M 1/4W	[M]
R775	ERDS2TJ331T	330 1/4W	[M]
R776	ERDS1FVJ220T	22 1/2W	[M]
R777	ERDS2TJ154T	150K 1/4W	[M]
R778	ERDS2TJ472T	4.7K 1/4W	[M]
R779	ERDS2TJ103T	10K 1/4W	[M]
R780	ERDS1FVJ3R9T	3.9 1/2W	[M]
R782	ERDS2TJ390T	39 1/4W	[M]
R784	ERDS2TJ154T	150K 1/4W	[M]
R786	ERDS2TJ154T	150K 1/4W	[M]
R791	ERDS2TJ123T	12K 1/4W	[M]
R792	ERDS2TJ123T	12K 1/4W	[M]
R793	ERDS2TJ123T	12K 1/4W	[M]
R794	ERDS2TJ123T	12K 1/4W	[M]
R795	ERDS2TJ223T	22K 1/4W	[M]
R797	ERDS2TJ223T	22K 1/4W	[M]
R798	ERDS2TJ223T	22K 1/4W	[M]
R799	ERDS2TJ682T	6.8K 1/4W	[M]
R901	ERDS2TJ102T	1K 1/4W	[M]
R902	ERDS2TJ472T	4.7K 1/4W	[M]
R903	ERDS2TJ103T	10K 1/4W	[M]
R904	ERDS2TJ102T	1K 1/4W	[M]
R905	ERDS2TJ104T	100K 1/4W	[M]
R906	ERDS2TJ271T	270 1/4W	[M]
R907	ERDS2TJ121T	120 1/4W	[M]
R908	ERDS2TJ223T	22K 1/4W	[M]
R909	ERDS2TJ223T	22K 1/4W	[M]
R910	ERDS2TJ222T	2.2K 1/4W	[M]
R911	ERDS2TJ222T	2.2K 1/4W	[M]
R912	ERDS2TJ104T	100K 1/4W	[M]
R913	ERDS2TJ103T	10K 1/4W	[M]
R915	ERDS2TJ101T	100 1/4W	[M]
R916	ERDS2TJ101T	100 1/4W	[M]
R917	ERDS2TJ102T	1K 1/4W	[M]
R918	ERDS2TJ103T	10K 1/4W	[M]
R919	ERDS2TJ103T	10K 1/4W	[M]
R920	ERDS2TJ103T	10K 1/4W	[M]
R921	ERDS2TJ472T	4.7K 1/4W	[M]
R922	ERDS2TJ104T	100K 1/4W	[M]
R923	ERDS2TJ103T	10K 1/4W	[M]
R924	ERDS2TJ103T	10K 1/4W	[M]
R925	ERDS2TJ181T	180 1/4W	[M]
R927	ERDS2TJ101T	100 1/4W	[M]
R928	ERDS2TJ101T	100 1/4W	[M]
R929	ERDS2TJ822T	8.2K 1/4W	[M]
R938	ERDS2TJ151T	150 1/4W	[M]
R940	ERDS2TJ271T	270 1/4W	[M]
R946	ERDS2TJ151T	150 1/4W	[M]
R950	ERDS2TJ102T	1K 1/4W	[M]
R951	ERDS2TJ222T	2.2K 1/4W	[M]
R952	ERDS2TJ152T	1.5K 1/4W	[M]
R953	ERDS2TJ182T	1.8K 1/4W	[M]
R954	ERDS2TJ222T	2.2K 1/4W	[M]
R955	ERDS2TJ332T	3.3K 1/4W	[M]
R956	ERDS2TJ472T	4.7K 1/4W	[M]
R957	ERDS2TJ682T	6.8K 1/4W	[M]
R958	ERDS2TJ123T	12K 1/4W	[M]
R960	ERDS2TJ102T	1K 1/4W	[M]
R961	ERDS2TJ122T	1.2K 1/4W	[M]
R962	ERDS2TJ152T	1.5K 1/4W	[M]
R963	ERDS2TJ182T	1.8K 1/4W	[M]
R964	ERDS2TJ222T	2.2K 1/4W	[M]
R965	ERDS2TJ332T	3.3K 1/4W	[M]
R966	ERDS2TJ472T	4.7K 1/4W	[M]
R967	ERDS2TJ682T	6.8K 1/4W	[M]
R968	ERDS2TJ123T	12K 1/4W	[M]
R971	ERDS2TJ102T	1K 1/4W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R972	ERDS2TJ102T	1K 1/4W	[M]
R973	ERDS2TJ102T	1K 1/4W	[M]
R974	ERDS2TJ102T	1K 1/4W	[M]
R975	ERDS2TJ103T	10K 1/4W	[M]
R976	ERDS2TJ104T	100K 1/4W	[M]
R991	ERDS2TJ104T	100K 1/4W	[M]
R992	ERDS2TJ104T	100K 1/4W	[M]
R993	ERDS2TJ104T	100K 1/4W	[M]
R994	ERDS2TJ104T	100K 1/4W	[M]
R1012	ERJ3GEYJ103V	10K 1/16W	[M]
R1013	ERJ3GEYJ103V	10K 1/16W	[M]
R1014	ERJ3GEYJ103V	10K 1/16W	[M]
R1015	ERJ3GEYJ103V	10K 1/16W	[M]
R1016	ERJ3GEYJ103V	10K 1/16W	[M]
R1017	ERJ3GEYJ103V	10K 1/16W	[M]
R1018	ERJ3GEYJ103V	10K 1/16W	[M]
R1019	ERJ3GEYJ103V	10K 1/16W	[M]
R1020	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1021	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1022	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1023	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1024	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1025	ERJ3GEYJ103V	10K 1/16W	[M]
R1026	ERJ3GEYJ330V	33 1/16W	[M]
R1027	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1028	ERJ3GEYJ333V	33K 1/16W	[M]
R1029	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1030	ERJ3GEYJ105V	1M 1/16W	[M]
R1031	ERJ3GEYJ102V	1K 1/16W	[M]
R1032	ERJ3GEYJ330V	33 1/16W	[M]
R1033	ERJ3GEYJ102V	1K 1/16W	[M]
R1034	ERJ3GEYJ102V	1K 1/16W	[M]
R1035	ERJ3GEYJ102V	1K 1/16W	[M]
R1036	ERJ3GEYJ102V	1K 1/16W	[M]
R1037	ERJ3GEYJ104V	100K 1/16W	[M]
R1038	ERJ3GEYJ102V	1K 1/16W	[M]
R1039	ERJ3GEYJ104V	100K 1/16W	[M]
R1040	ERJ3GEYJ102V	1K 1/16W	[M]
R1041	ERJ3GEYJ330V	33 1/16W	[M]
R1042	ERJ3GEYJ330V	33 1/16W	[M]
R1043	ERJ3GEYJ470V	47 1/16W	[M]
R1044	ERJ3GEYJ470V	47 1/16W	[M]
R1045	ERJ3GEYJ470V	47 1/16W	[M]
R1046	ERJ3GEYJ470V	47 1/16W	[M]
R1047	ERJ3GEYJ1R5V	1.5 1/16W	[M]
R1048	ERJ3GEYJ104V	100K 1/16W	[M]
R1049	ERJ3GEYJ102V	1K 1/16W	[M]
R1050	ERJ3GEYJ102V	1K 1/16W	[M]
R1051	ERJ3GEYJ102V	1K 1/16W	[M]
R1052	ERJ3GEYJ102V	1K 1/16W	[M]
R1053	ERJ3GEYJ102V	1K 1/16W	[M]
R1054	ERJ3GEYJ102V	1K 1/16W	[M]
R1055	ERJ3GEYJ102V	1K 1/16W	[M]
R1056	ERJ3GEYJ102V	1K 1/16W	[M]
R1057	ERJ3GEYJ102V	1K 1/16W	[M]
R1058	ERJ3GEYJ102V	1K 1/16W	[M]
R1059	ERJ3GEYJ102V	1K 1/16W	[M]
R1060	ERJ3GEYJ102V	1K 1/16W	[M]
R1061	ERJ3GEYJ102V	1K 1/16W	[M]
R1062	ERJ3GEYJ102V	1K 1/16W	[M]
R1063	ERJ3GEYJ102V	1K 1/16W	[M]
R1064	ERJ3GEYJ331V	330 1/16W	[M]
R1065	ERJ3GEYJ331V	330 1/16W	[M]
R1066	ERJ3GEYJ331V	330 1/16W	[M]
R1067	ERJ3GEYJ331V	330 1/16W	[M]
R1068	ERJ3GEYJ473V	47K 1/16W	[M]
R1069	ERJ3GEYJ100V	10 1/16W	[M]
R1201	ERJ3GEYJ102V	1K 1/16W	[M]
R1202	ERJ3GEYJ473V	47K 1/16W	[M]
R1203	ERJ3GEYJ222V	2.2K 1/16W	[M]
R1204	ERJ3GEYJ183V	18K 1/16W	[M]
R1205	ERJ3GEYJ102V	1K 1/16W	[M]
R1206	ERJ3GEYJ473V	47K 1/16W	[M]
R1207	ERJ3GEYJ473V	47K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R1208	ERJ3GEYJ102V	1K 1/16W	[M]
R1209	ERJ3GEYJ222V	2.2K 1/16W	[M]
R1210	ERJ3GEYJ183V	18K 1/16W	[M]
R1211	ERJ3GEYJ183V	18K 1/16W	[M]
R1212	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1213	ERJ3GEYJ152V	1.5K 1/16W	[M]
R1214	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1215	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1216	ERJ3GEYJ152V	1.5K 1/16W	[M]
R1217	ERJ3GEYJ473V	47K 1/16W	[M]
R1218	ERJ3GEYJ473V	47K 1/16W	[M]
R1219	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1225	ERJ3GEYJ222V	2.2K 1/16W	[M]
R1231	ERJ3GEYJ473V	47K 1/16W	[M]
R1232	ERJ3GEYJ473V	47K 1/16W	[M]
R1233	ERJ3GEYJ473V	47K 1/16W	[M]
R1234	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1235	ERJ3GEYJ102V	1K 1/16W	[M]
R1236	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1237	ERJ3GEYJ101V	100 1/16W	[M]
R1238	ERJ3GEYJ183V	18K 1/16W	[M]
R1239	ERJ3GEYJ222V	2.2K 1/16W	[M]
R1240	ERJ3GEYJ102V	1K 1/16W	[M]
R1241	ERJ3GEYJ102V	1K 1/16W	[M]
R1242	ERJ3GEYJ183V	18K 1/16W	[M]
R1243	ERJ3GEYJ222V	2.2K 1/16W	[M]
R1244	ERJ3GEYJ222V	2.2K 1/16W	[M]
R1245	ERJ3GEYJ183V	18K 1/16W	[M]
R1247	ERJ3GEYJ102V	1K 1/16W	[M]
R1248	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1249	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1250	ERJ3GEYJ561V	560 1/16W	[M]
R1251	ERJ3GEYJ182V	1.8K 1/16W	[M]
R1252	ERJ3GEYJ473V	47K 1/16W	[M]
R1260	ERJ3GEYJ104V	100K 1/16W	[M]
R1261	ERJ3GEYJ104V	100K 1/16W	[M]
R1301	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1302	ERJ3GEYJ102V	1K 1/16W	[M]
R1303	ERJ3GEYJ470V	47 1/16W	[M]
R1304	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1305	ERJ3GEYJ102V	1K 1/16W	[M]
R1306	ERJ3GEYJ470V	47 1/16W	[M]
R1307	ERJ3GEYJ151V	150 1/16W	[M]
R1308	ERJ3GEYJ100V	10 1/16W	[M]
R1309	ERJ3GEYJ470V	47 1/16W	[M]
R1310	ERJ3GEYJ100V	10 1/16W	[M]
R1341	ERJ3GEYJ102V	1K 1/16W	[M]
R1342	ERJ3GEYJ102V	1K 1/16W	[M]
R1343	ERJ3GEYJ102V	1K 1/16W	[M]
R1344	ERJ3GEYJ102V	1K 1/16W	[M]
R1345	ERJ3GEYJ104V	100K 1/16W	[M]
R1346	ERJ3GEYJ104V	100K 1/16W	[M]
R1347	ERJ3GEYJ104V	100K 1/16W	[M]
R1348	ERJ3GEYJ104V	100K 1/16W	[M]
R1349	ERJ3GEYJ473V	47K 1/16W	[M]
R1350	ERJ3GEYJ473V	47K 1/16W	[M]
R1351	ERJ3GEYJ473V	47K 1/16W	[M]
R1352	ERJ3GEYJ473V	47K 1/16W	[M]
R1353	ERJ3GEYJ152V	1.5K 1/16W	[M]
R1354	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1355	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1356	ERJ3GEYJ152V	1.5K 1/16W	[M]
R1357	ERJ3GEYJ101V	100 1/16W	[M]
R1358	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1359	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1360	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1361	ERJ3GEYJ152V	1.5K 1/16W	[M]
R1402	ERJ3GEYJ102V	1K 1/16W	[M]
R1403	ERJ3GEYJ102V	1K 1/16W	[M]
R1404	ERJ3GEYJ473V	47K 1/16W	[M]
R1405	ERJ3GEYJ473V	47K 1/16W	[M]
R1406	ERJ3GEYJ473V	47K 1/16W	[M]
R1407	ERJ3GEYJ103V	10K 1/16W	[M]
R1408	ERJ3GEYJ103V	10K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R1409	ERJ3GEYJ103V	10K 1/16W	[M]
R1410	ERJ3GEYJ473V	47K 1/16W	[M]
R1411	ERJ3GEYJ473V	47K 1/16W	[M]
R1412	ERJ3GEYJ473V	47K 1/16W	[M]
R1413	ERJ3GEYJ102V	1K 1/16W	[M]
R1414	ERJ3GEYJ102V	1K 1/16W	[M]
R1415	ERJ3GEYJ102V	1K 1/16W	[M]
R1451	ERJ3GEYJ473V	47K 1/16W	[M]
R1452	ERJ3GEYJ182V	1.8K 1/16W	[M]
R1453	ERJ3GEYJ101V	100 1/16W	[M]
R1454	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1455	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1456	ERJ3GEYJ101V	100 1/16W	[M]
R1457	ERJ3GEYJ182V	1.8K 1/16W	[M]
R1458	ERJ3GEYJ473V	47K 1/16W	[M]
R1459	ERJ3GEYJ392V	3.9K 1/16W	[M]
R1460	ERJ3GEYJ102V	1K 1/16W	[M]
R1461	ERJ3GEYJ473V	47K 1/16W	[M]
R1462	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1463	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1464	ERJ3GEYJ473V	47K 1/16W	[M]
R1465	ERJ3GEYJ102V	1K 1/16W	[M]
R1466	ERJ3GEYJ392V	3.9K 1/16W	[M]
R1467	ERJ3GEYJ102V	1K 1/16W	[M]
R1468	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1469	ERJ3GEYJ682V	6.8K 1/16W	[M]
R1470	ERJ3GEYJ102V	1K 1/16W	[M]
R1480	ERJ3GEYJ104V	100K 1/16W	[M]
R1481	ERJ3GEYJ104V	100K 1/16W	[M]
R1483	ERJ3GEYJ104V	100K 1/16W	[M]
R1484	ERJ3GEYJ104V	100K 1/16W	[M]
R1521	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1522	ERJ3GEYJ223V	22K 1/16W	[M]
R1523	ERJ3GEYJ224V	220K 1/16W	[M]
R1524	ERJ3GEYJ103V	10K 1/16W	[M]
R1525	ERJ3GEYJ103V	10K 1/16W	[M]
R1526	ERJ3GEYJ103V	10K 1/16W	[M]
R1527	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1528	ERJ3GEYJ223V	22K 1/16W	[M]
R1529	ERJ3GEYJ224V	220K 1/16W	[M]
R1530	ERJ3GEYJ103V	10K 1/16W	[M]
R1531	ERJ3GEYJ103V	10K 1/16W	[M]
R1681	ERDS2TJ270T	27 1/4W	[M]
R1682	ERDS2TJ270T	27 1/4W	[M]
R1683	ERDS2TJ270T	27 1/4W	[M]
R1684	ERDS2TJ270T	27 1/4W	[M]
R1685	ERDS2TJ270T	27 1/4W	[M]
R1686	ERDS2TJ270T	27 1/4W	[M]
R1687	ERDS2TJ270T	27 1/4W	[M]
R1688	ERDS2TJ270T	27 1/4W	[M]
R1689	ERDS2TJ270T	27 1/4W	[M]
R1690	ERDS2TJ270T	27 1/4W	[M]
R1691	ERDS2TJ270T	27 1/4W	[M]
R1692	ERDS2TJ270T	27 1/4W	[M]
R1693	ERDS2TJ270T	27 1/4W	[M]
R1694	ERDS2TJ270T	27 1/4W	[M]
R1695	ERDS2TJ102T	1K 1/4W	[M]
R1696	ERDS2TJ102T	1K 1/4W	[M]
R1699	ERDS2TJ332T	3.3K 1/4W	[M]
R1701	ERDS1FVJ4R7T	4.7 1/2W	[M]
R1702	ERDS1FVJ4R7T	4.7 1/2W	[M]
R1703	ERJ3GEYJ103V	10K 1/16W	[M]
R1704	ERJ3GEYJ272V	2.7K 1/16W	[M]
R1705	ERJ3GEYJ331V	330 1/16W	[M]
R1706	ERJ3GEYJ331V	330 1/16W	[M]
R1707	ERJ3GEYJ821V	820 1/16W	[M]
R1916	ERJ3GEYJ101V	100 1/16W	[M]
R1928	ERJ3GEYJ101V	100 1/16W	[M]
R1929	ERJ3GEYJ101V	100 1/16W	[M]
R1930	ERJ3GEYJ101V	100 1/16W	[M]
R1931	ERJ3GEYJ101V	100 1/16W	[M]
R1932	ERJ3GEYJ101V	100 1/16W	[M]
R1933	ERJ3GEYJ101V	100 1/16W	[M]
R1934	ERJ3GEYJ101V	100 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R1942	ERJ3GEYJ101V	100 1/16W	[M]
R1943	ERJ3GEYJ101V	100 1/16W	[M]
R1945	ERJ3GEYJ101V	100 1/16W	[M]
		CAPACITORS	
C351	ECBT1H103KB5	0.01 50V	[M]
C351	ECJ1VCLH470J	47P 50V	[M]
C352	ECBT1H103KB5	0.01 50V	[M]
C352	ECJ1VCLH470J	47P 50V	[M]
C353	ECA1CAK470XB	47 16V	[M]
C354	ECA1CAK470XB	47 16V	[M]
C355	ECA1CAK470XB	47 16V	[M]
C356	ECUVNC104ZFB	0.1 16V	[M]
C357	ECUVNC104ZFB	0.1 16V	[M]
C358	ECA0JAK101XB	100 6.3V	[M]
C359	ECA0JAK101XB	100 6.3V	[M]
C360	ECUV1H103KBV	0.01 50V	[M]
C361	ECA0JAK101XB	100 6.3V	[M]
C362	ECA0JAK101XB	100 6.3V	[M]
C363	ECUV1H103KBV	0.01 50V	[M]
C401	ECA1HAK4R7XB	4.7 50V	[M]
C402	ECA1HAK4R7XB	4.7 50V	[M]
C403	ECBT1H103KB5	0.01 50V	[M]
C404	ECBT1H103KB5	0.01 50V	[M]
C405	F1D1H101A012	100P 50V	[M]
C409	ECA1CAK220XB	22 16V	[M]
C410	ECA1CAK220XB	22 16V	[M]
C411	F1D1H101A012	100P 50V	[M]
C412	F1D1H101A012	100P 50V	[M]
C413	ECA1CAK100XB	10 16V	[M]
C414	ECA1CAK100XB	10 16V	[M]
C415	ECBT1H103KB5	0.01 50V	[M]
C416	ECBT1H103KB5	0.01 50V	[M]
C417	ECA1CAK100XB	10 16V	[M]
C418	ECA1CAK100XB	10 16V	[M]
C421	F1D1H101A012	100P 50V	[M]
C422	F1D1H101A012	100P 50V	[M]
C423	F1D1H101A012	100P 50V	[M]
C424	F1D1H101A012	100P 50V	[M]
C425	F1D1H331A012	330P 50V	[M]
C426	F1D1H331A012	330P 50V	[M]
C427	F1D1H331A012	330P 50V	[M]
C428	F1D1H331A012	330P 50V	[M]
C429	F1D1H101A012	100P 50V	[M]
C430	F1D1H101A012	100P 50V	[M]
C431	F1D1H101A012	100P 50V	[M]
C432	F1D1H101A012	100P 50V	[M]
C433	F1D1H101A012	100P 50V	[M]
C434	F1D1H101A012	100P 50V	[M]
C435	F1D1H1040002	0.1 50V	[M]
C441	F1D1H101A012	100P 50V	[M]
C442	F1D1H101A012	100P 50V	[M]
C443	ECBT1H103KB5	0.01 50V	[M]
C467	ECBT1H103KB5	0.01 50V	[M]
C482	ECA1HAK3R3XB	3.3 50V	[M]
C483	F1D1H101A012	100P 50V	[M]
C499	F1D1H102A012	1000P 50V	[M]
C533	F1D1H1040002	0.1 50V	[M]
C534	F1D1H1040002	0.1 50V	[M]
C535	F1D1H1040002	0.1 50V	[M]
C583	ECA1CAK100XB	10 16V	[M]
C584	ECA1CAK100XB	10 16V	[M]
C585	ECA1CAK100XB	10 16V	[M]
C586	ECA1CAK100XB	10 16V	[M]
C601	ECA1JAM330XB	33 63V	[M]
C602	ECA1JAM330XB	33 63V	[M]
C603	F1D1H821A012	820P 50V	[M]
C604	F1D1H821A012	820P 50V	[M]
C607	ECCRH1H80KC5	18P 50V	[M]
C608	ECCRH1H80KC5	18P 50V	[M]
C611	ECQV1H104JZ3	0.1 50V	[M]
C612	ECQV1H104JZ3	0.1 50V	[M]
C613	ECQV1H104JZ3	0.1 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C614	ECQV1H104JZ3	0.1 50V	[M]
C615	ECBT1H103KB5	0.01 50V	[M]
C616	ECA1HAM470XB	47 50V	[M]
C617	ECRA2AN2R2SB	2.2 100V	[M]
C618	F1D1H102A012	1000P 50V	[M]
C622	ECA2AAM330XB	33 100V	[M]
C625	ECEA1HN220UB	22 50V	[M]
C626	ECEA1HN220UB	22 50V	[M]
C627	ECKR1H223ZF5	0.022 50V	[M]
C628	ECKR1H223ZF5	0.022 50V	[M]
C629	ECKR1H223ZF5	0.022 50V	[M]
C635	ECKR1H223ZF5	0.022 50V	[M]
C636	ECKR1H223ZF5	0.022 50V	[M]
C637	ECKR1H223ZF5	0.022 50V	[M]
C641	ECA1JAM330XB	33 63V	[M]
C642	F1D1H821A012	820P 50V	[M]
C643	ECCR1H180KC5	18P 50V	[M]
C644	ECQV1H104JZ3	0.1 50V	[M]
C645	ECQV1H104JZ3	0.1 50V	[M]
C651	ECA1JAM330XB	33 63V	[M]
C652	ECA1JAM330XB	33 63V	[M]
C653	F1D1H821A012	820P 50V	[M]
C654	F1D1H821A012	820P 50V	[M]
C657	ECCR1H100KC5	10P 50V	[M]
C658	ECCR1H100KC5	10P 50V	[M]
C661	ECQV1H104JZ3	0.1 50V	[M]
C662	ECQV1H104JZ3	0.1 50V	[M]
C663	ECQV1H104JZ3	0.1 50V	[M]
C664	ECQV1H104JZ3	0.1 50V	[M]
C666	ECA1EAM101XB	100 25V	[M]
C667	ECRA2AN2R2SB	2.2 100V	[M]
C668	F1D1H102A012	1000P 50V	[M]
C671	ECA2AAM330XB	33 100V	[M]
C672	ECA2AAM330XB	33 100V	[M]
C685	ECBT1H103KB5	0.01 50V	[M]
C701	ECBT1H103KB5	0.01 50V	[M]
C702	ECQE2104KF3	0.1 250V	[M]
C703	F2B1J4720004	4700P 63V	[M]
C704	F2B1J4720004	4700P 63V	[M]
C705	F2B1V5620005	5600P 35V	[M]
C706	F2B1V5620005	5600P 35V	[M]
C707	ECA1VAM101XB	100 35V	[M]
C708	ECBT1H103KB5	0.01 50V	[M]
C709	ECA1CAK330XB	33 16V	[M]
C710	ECBT1H103KB5	0.01 50V	[M]
C711	ECBT1H103KB5	0.01 50V	[M]
C712	ECA1HAK100XB	10 50V	[M]
C713	ECBT1H103KB5	0.01 50V	[M]
C714	ECA1EAK470XB	47 25V	[M]
C715	ECA1CAK101XB	100 16V	[M]
C721	ECQE2104KF3	0.1 250V	[M]
C722	ECQE2104KF3	0.1 250V	[M]
C741	ECQV1H104JZ3	0.1 50V	[M]
C751	ECKWRS102MBC	1000P 400V	[M] △ ;
C752	ECKR1H103ZF5	0.01 50V	[M]
C753	ECA1EAM331XB	330 25V	[M]
C754	ECBT1H103KB5	0.01 50V	[M]
C755	ECA1CAK470XB	47 16V	[M]
C757	ECA1CAK100XB	10 16V	[M]
C758	ECA1CAK101XB	100 16V	[M]
C771	ECA1HAK4R7XB	4.7 50V	[M]
C772	ECA1HAK4R7XB	4.7 50V	[M]
C773	F1D1H1040002	0.1 50V	[M]
C774	ECA0JAK101XB	100 6.3V	[M]
C775	ECA1CAK100XB	10 16V	[M]
C776	ECA1HAK010XB	1 50V	[M]
C777	ECA1CAM221XB	220 16V	[M]
C778	ECA1CAK101XB	100 16V	[M]
C779	ECA1CAK101XB	100 16V	[M]
C780	ECA1CAM471XB	470 16V	[M]
C781	ECBT1H103KB5	0.01 50V	[M]
C901	ECA0JAM102XB	1000 6.3V	[M]
C902	F1D1H1040002	0.1 50V	[M]
C903	ECBT1H103KB5	0.01 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C904	ECA0JAM102XB	1000 6.3V	[M]
C905	ECA1HAK010XB	1 50V	[M]
C906	ECA1HAK010XB	1 50V	[M]
C907	ECBT1H103KB5	0.01 50V	[M]
C908	ECBT1H103KB5	0.01 50V	[M]
C909	ECA1HAK220XB	22 50V	[M]
C910	ECA1HAK220XB	22 50V	[M]
C911	ECA1HAK220XB	22 50V	[M]
C912	ECA1HAK220XB	22 50V	[M]
C913	ECA1HAK100XB	10 50V	[M]
C914	ECA1HAK100XB	10 50V	[M]
C915	ECA0JAK101XB	100 6.3V	[M]
C916	ECBT1H103KB5	0.01 50V	[M]
C917	ECA1CAK100XB	10 16V	[M]
C918	F1D1H471A012	470P 50V	[M]
C919	F1D1H471A012	470P 50V	[M]
C921	F1D1H331A012	330P 50V	[M]
C922	F1D1H331A012	330P 50V	[M]
C923	F1D1H331A012	330P 50V	[M]
C924	F1D1H331A012	330P 50V	[M]
C925	F1D1H331A012	330P 50V	[M]
C926	F1D1H331A012	330P 50V	[M]
C927	F1D1H331A012	330P 50V	[M]
C928	F1D1H331A012	330P 50V	[M]
C929	F1D1H331A012	330P 50V	[M]
C970	F1D1H102A012	1000P 50V	[M]
C971	ECA0JAK101XB	100 6.3V	[M]
C972	F1D1H470A006	47P 50V	[M]
C973	F1D1H470A006	47P 50V	[M]
C974	F1D1H561A012	560P 50V	[M]
C975	F1D1H331A012	330P 50V	[M]
C976	ECA1CAK100XB	10 16V	[M]
C977	ECBT1H103KB5	0.01 50V	[M]
C978	ECA0JAK101XB	100 6.3V	[M]
C991	F1D1H101A012	100P 50V	[M]
C992	F1D1H101A012	100P 50V	[M]
C993	F1D1H101A012	100P 50V	[M]
C994	F1D1H101A012	100P 50V	[M]
C1003	ECA1HAK010XB	1 50V	[M]
C1004	ECA0JAK101XB	100 6.3V	[M]
C1005	ECA0JAK101XB	100 6.3V	[M]
C1006	ECA1EAM331XB	330 25V	[M]
C1007	ECA1HAK2R2XB	2.2 50V	[M]
C1008	ECA0JAK101XB	100 6.3V	[M]
C1009	ECA0JAK101XB	100 6.3V	[M]
C1010	ECA0JAK101XB	100 6.3V	[M]
C1011	ECA0JAK101XB	100 6.3V	[M]
C1024	ECUVNC104ZV	0.1 16V	[M]
C1025	ECUVNC104ZV	0.1 16V	[M]
C1026	ECUVNC104ZV	0.1 16V	[M]
C1027	ECUVNC104ZV	0.1 16V	[M]
C1028	ECJ1VC1H101K	100P 50V	[M]
C1029	ECUVNC104ZV	0.1 16V	[M]
C1030	ECUV1H471KBV	470P 50V	[M]
C1031	ECUV1E103KBV	0.01 25V	[M]
C1032	ECUVNC104ZV	0.1 16V	[M]
C1033	ECUV1H220JCV	22P 50V	[M]
C1034	ECJ1VC1H101K	100P 50V	[M]
C1035	ECUV1H220JCV	22P 50V	[M]
C1036	ECJ1VC1H101K	100P 50V	[M]
C1037	ECJ1VB1H102K	1000P 50V	[M]
C1038	ECJ1VB1H102K	1000P 50V	[M]
C1039	ECJ1VC1H101K	100P 50V	[M]
C1040	ECUVNC104ZV	0.1 16V	[M]
C1041	ECUVNC104ZV	0.1 16V	[M]
C1042	ECJ1VB1H102K	1000P 50V	[M]
C1043	ECUVNC104ZV	0.1 16V	[M]
C1044	ECJ1VC1H101K	100P 50V	[M]
C1045	ECJ1VC1H101K	100P 50V	[M]
C1046	ECJ1VB1H102K	1000P 50V	[M]
C1047	ECJ1VB1H102K	1000P 50V	[M]
C1048	ECUVNC104ZV	0.1 16V	[M]
C1049	ECJ1VB1H102K	1000P 50V	[M]
C1050	ECJ1VB1H102K	1000P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C1051	FL1H152A219	1500P 50V	[M]
C1052	ECUV1E103KBV	0.01 25V	[M]
C1053	ECUVNC104ZFFV	0.1 16V	[M]
C1070	ECA1EPXS470B	47 25V	[M]
C1201	ECUV1H103KBV	0.01 50V	[M]
C1202	ECUV1A224KBV	0.22 10V	[M]
C1203	ECA1CAK330XB	33 16V	[M]
C1204	ECUV1H103KBV	0.01 50V	[M]
C1205	ECA1CAK330XB	33 16V	[M]
C1206	ECJ1VB1H472K	4700P 50V	[M]
C1207	ECJ1VB1H272K	2700P 50V	[M]
C1208	ECJ1VB1H472K	4700P 50V	[M]
C1209	ECJ1VB1H272K	2700P 50V	[M]
C1210	ECA1CAK330XB	33 16V	[M]
C1211	ECJ1VC1H101K	100P 50V	[M]
C1212	ECJ1VC1H101K	100P 50V	[M]
C1213	ECUV1H221KBV	220P 50V	[M]
C1214	ECUV1H221KBV	220P 50V	[M]
C1215	ECA1HAK100XB	10 50V	[M]
C1216	ECA1HAK100XB	10 50V	[M]
C1217	ECUV1H103KBV	0.01 50V	[M]
C1218	ECUV1H103KBV	0.01 50V	[M]
C1219	ECA1EAK100XB	10 25V	[M]
C1220	ECA1EAK100XB	10 25V	[M]
C1221	ECUVNC104ZFFV	0.1 16V	[M]
C1222	ECA1EAK100XB	10 25V	[M]
C1223	ECUVNC104ZFFV	0.1 16V	[M]
C1224	ECQV1H104ZJ3	0.1 50V	[M]
C1231	ECA1CAK330XB	33 16V	[M]
C1232	ECJ1VB1H472K	4700P 50V	[M]
C1233	ECJ1VB1H472K	4700P 50V	[M]
C1234	ECA1CAK330XB	33 16V	[M]
C1235	ECJ1VB1H472K	4700P 50V	[M]
C1236	ECA1CAK330XB	33 16V	[M]
C1237	ECJ1VB1H331K	330P 50V	[M]
C1238	ECJ1VC1H101K	100P 50V	[M]
C1239	ECJ1VB1H272K	2700P 50V	[M]
C1240	ECJ1VB1H272K	2700P 50V	[M]
C1241	ECJ1VC1H101K	100P 50V	[M]
C1242	ECJ1VC1H101K	100P 50V	[M]
C1243	ECJ1VB1H272K	2700P 50V	[M]
C1244	ECUV1H103KBV	0.01 50V	[M]
C1245	ECUV1H103KBV	0.01 50V	[M]
C1246	ECA1EAK100XB	10 25V	[M]
C1247	ECA1EAK100XB	10 25V	[M]
C1250	ECJ1VB1E223K	0.022 25V	[M]
C1251	ECA1CAK330XB	33 16V	[M]
C1252	ECUV1H103KBV	0.01 50V	[M]
C1253	ECUV1H103KBV	0.01 50V	[M]
C1260	ECA1HAK4R7XB	4.7 50V	[M]
C1261	ECA1HAK4R7XB	4.7 50V	[M]
C1280	ECUV1H221KBV	220P 50V	[M]
C1281	ECJ1VB1H331K	330P 50V	[M]
C1301	ECUV1H100JCV	10P 50V	[M]
C1302	ECUV1H103KBV	0.01 50V	[M]
C1303	ECUVNC104ZFFV	0.1 16V	[M]
C1304	ECUV1H100JCV	10P 50V	[M]
C1305	ECUV1H103KBV	0.01 50V	[M]
C1306	ECUVNC104ZFFV	0.1 16V	[M]
C1307	ECUV1H103KBV	0.01 50V	[M]
C1308	ECUVNC104ZFFV	0.1 16V	[M]
C1309	ECUVNC104ZFFV	0.1 16V	[M]
C1311	ECUVNC104ZFFV	0.1 16V	[M]
C1312	ECUVNC104ZFFV	0.1 16V	[M]
C1313	ECUV1H103KBV	0.01 50V	[M]
C1341	ECJ1VB1H331K	330P 50V	[M]
C1342	ECJ1VB1H331K	330P 50V	[M]
C1343	ECJ1VB1H331K	330P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C1344	ECJ1VB1H331K	330P 50V	[M]
C1345	ECA1HAK4R7XB	4.7 50V	[M]
C1346	ECA1HAK4R7XB	4.7 50V	[M]
C1347	ECA1HAK4R7XB	4.7 50V	[M]
C1348	ECA1HAK4R7XB	4.7 50V	[M]
C1349	ECUV1H221KBV	220P 50V	[M]
C1350	ECUV1H221KBV	220P 50V	[M]
C1351	ECUV1H221KBV	220P 50V	[M]
C1352	ECUV1H221KBV	220P 50V	[M]
C1401	ECA1HAK4R7XB	4.7 50V	[M]
C1402	ECA1HAK4R7XB	4.7 50V	[M]
C1403	ECUV1H103KBV	0.01 50V	[M]
C1404	ECUV1H103KBV	0.01 50V	[M]
C1405	ECA1CAK330XB	33 16V	[M]
C1406	ECA1CAK330XB	33 16V	[M]
C1407	ECA1CAK330XB	33 16V	[M]
C1408	ECJ1VC1H101K	100P 50V	[M]
C1409	ECA1CAK330XB	33 16V	[M]
C1410	ECA1EAK470XB	47 25V	[M]
C1411	ECA1EAK470XB	47 25V	[M]
C1412	ECUVNC104ZFFV	0.1 16V	[M]
C1413	ECUVNC104ZFFV	0.1 16V	[M]
C1414	ECA1CAK330XB	33 16V	[M]
C1415	ECA1CAK330XB	33 16V	[M]
C1451	ECA1HAK4R7XB	4.7 50V	[M]
C1452	ECJ1VC1H470J	47P 50V	[M]
C1453	ECJ1VC1H470J	47P 50V	[M]
C1454	ECA1HAK4R7XB	4.7 50V	[M]
C1455	ECJ1VC1H151J	150P 50V	[M]
C1456	ECUV1H221KBV	220P 50V	[M]
C1457	ECA1CAK330XB	33 16V	[M]
C1458	ECA1CAK330XB	33 16V	[M]
C1459	ECJ1VC1H151J	150P 50V	[M]
C1460	ECUV1H221KBV	220P 50V	[M]
C1480	ECA1HAK4R7XB	4.7 50V	[M]
C1481	ECA1HAK4R7XB	4.7 50V	[M]
C1483	ECA1HAK4R7XB	4.7 50V	[M]
C1484	ECA1HAK4R7XB	4.7 50V	[M]
C1521	ECEA1CKN100B	10 16V	[M]
C1522	ECEA1CKN100B	10 16V	[M]
C1523	ECUV1H391JCV	390P 50V	[M]
C1524	ECA1CAK100XB	10 16V	[M]
C1525	ECJ1VC1H151J	150P 50V	[M]
C1526	ECA1CAK100XB	10 16V	[M]
C1527	ECA1CAK100XB	10 16V	[M]
C1528	ECUV1H103KBV	0.01 50V	[M]
C1529	ECEA1CKN100B	10 16V	[M]
C1530	ECEA1CKN100B	10 16V	[M]
C1531	ECUV1H391JCV	390P 50V	[M]
C1532	ECA1CAK100XB	10 16V	[M]
C1533	ECJ1VC1H151J	150P 50V	[M]
C1681	ECBT1H103KB5	0.01 50V	[M]
C1682	ECBT1H103KB5	0.01 50V	[M]
C1683	ECBT1C332KR5	3300P 16V	[M]
C1684	ECBT1C332KR5	3300P 16V	[M]
C1685	ECBT1H103KB5	0.01 50V	[M]
C1701	ECA1CAK101XB	100 16V	[M]
C1702	ECA1AM332E	3300 10V	[M]
C1703	ECUV1H103KBV	0.01 50V	[M]
C1704	ECA1CAK100XB	10 16V	[M]
C1705	ECA1CAK220XB	22 16V	[M]
C1706	ECUV1H391JCV	390P 50V	[M]
C1801	ECUVNC104ZFFV	0.1 16V	[M]
C1802	ECUVNC104ZFFV	0.1 16V	[M]
C1909	ECJ1VB1H472K	4700P 50V	[M]
C1910	ECUVNC104ZFFV	0.1 16V	[M]
C1911	ECJ1VB1H102K	1000P 50V	[M]

15.3. Packing Materials & Accessories Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
PACKING MATERIALS			
P1	RPG6322	PACKING CASE	[M] S
P1	RPG6325	PACKING CASE	[M] K
P2	RPN1591	POLYFOAM	[M]
P3	RPF0005	MIRAMAT BAG	[M]
ACCESSORIES			
A1	EUR7702260	REMOTE CONTROL	[M]
A1-1	UR64EC2337D	R/C BATTERY COVER	[M]
A2	RJA0019-2K	AC CORD (SF)	[M] EG E △
A2	VJA0733	AC CORD (SF)	[M] EB △

Ref. No.	Part No.	Part Name & Description	Remarks
A3	RQT6849-R	O/I BOOK (Cz, Po, Ru, Sp)	[M] E
A3	RQT6850-B	O/I BOOK (En)	[M] EB E
A3	RQT6851-D	O/I BOOK (Sw, Da, Du, Fr, It, Ge)	[M] EG
A3	RQT6855-R	O/I FOR REMOTE CONTROL	[M] E
A3	RQT6856-R	O/I FOR REMOTE CONTROL	[M] E
A3	RQT6857-B	O/I FOR REMOTE CONTROL	[M] EB E
A3	RQT6859-D	O/I BOOK	[M] EG
A3	RQT6860-D	O/I BOOK FOR REMOTE	[M] EG
A3	RQT6861-D	O/I BOOK FOR REMOTE	[M] EG
A4	RSA0007-L	FM ANTENNA WIRE	[M]
A5	RSA0012	AM LOOP ANTENNA	[M]
A6	K1YZ02000013	ANT ADAPTER	[M] EB

15.4. Packaging

