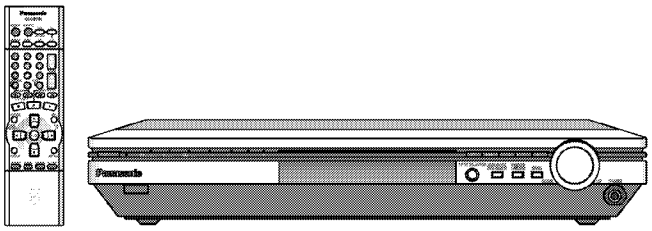
ORDER NO. MD0305193C2

Service Manual

AV Control Receiver



SA-XR25E
SA-XR25EB
SA-XR25EG

Colour

(S).....Silver Type

(K).....Black Type

Specification

●AMPLIFIER SECTION

Power output (at 230 - 240 V)	
DIN 1 kHz (T.H.D. 1 %)	2 x 100 W (6 Ω)
20 Hz-20 kHz continuous power output both channels driven	2 x 80 W (6 Ω)
Total harmonic distortion	
rated power at 20 Hz-20 kHz	0.3 % (6 Ω)
Power output each channel driven	
DIN 1 kHz (T.H.D. 1 %)	
Front (L/R)	100 W (6 Ω)
Center	100 W (6 Ω)
Surround (L/R/BACK)	100 W (6 Ω)
Load impedance	
Front (L/R)	6-16 Ω
Center	6-16 Ω
Surround (L/R/BACK)	6-16 Ω
Frequency response	
CD, TV, DVD/DVD 6CH, VCR, TAPE	10 Hz-44 kHz, ±3 dB
Input sensitivity and impedance	
CD, TV, DVD/DVD 6CH, VCR, TAPE	200 mV/22 kΩ
S/N at rated power (6 Ω)	
CD, TV, DVD (DIGITAL INPUT)	90 dB (IHF, A: 98 db)
Tone controls	
BASS	50 Hz, +10 to -10 dB
TREBLE	20 kHz, +10 to -10 dB
Output voltage	
TAPE, VCR	200 mV
Channel balance (250 Hz-6.3 kHz)	±1 dB
Channel separation	55 dB
Subwoofer frequency response (-6 dB)	7-200 Hz
Digital intput	
Optical	2
COAXIAL	1
Digital output	
Optical	1

●FM TUNER SECTION

Frequency range	87.50-108.0 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 stero quieting sensitivity	22 µV / 75 Ω
Total harmonic distortion	
MONO	0.2%
STEREO	0.3%
S/N	
MONO	60 dB
STEREO	58 dB
Frequency response	
20 Hz-15 kHz	+1 dB, -2 db
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

Panasonic

Stereo separation	
1 kHz	40 dB
Carrier leak	
19 kHz	-30 dB
38 kHz	-50 dB
Channel balance (250 Hz-6.3 kHz)	±1.5 dB
Limiting point	1.2 µV
Bandwidth	
IF amplifier	180 kHz
FM demodulator	1000 kHz
Antenna terminal	75 Ω (unbalanced)

●AM TUNER SECTION

Frequency range	522-1611 kHz (9 kHz steps
	530-1620 kHz (10 kHz steps
Sensitivity	20 µV, 330 µV/m
Selectivity (at 999 kHz)	55 dB
IF rejection (at 999 kHz)	50 dB

●VIDEO SECTION

Output voltage at 1V input (unbalanced)	1±0.1 Vp-p
Maximum input voltage	1.5 Vp-p
Input/output impedance	75 Ω (unbalanced)
S-Video	
Input	TV, DVD, VCR
Output	TV MONITOR

●GENERAL

Power supply	
For E, EG	AC 230 V, 50 Hz
For EB	AC 230-240 V, 50 Hz
Power consumption	130 W
Dimensions (W × H × D)	430 × 74 × 375 mm
Mass	4 kg
Power consumption in standby mode:	2 W

Notes:

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

⚠ WARNING

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

CONTENTS

1 SAFETY PRECAUTIONS

1.1. GENERAL GUIDELINES

1. When servicing. observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1MΩ and 5.2Ω.
   When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

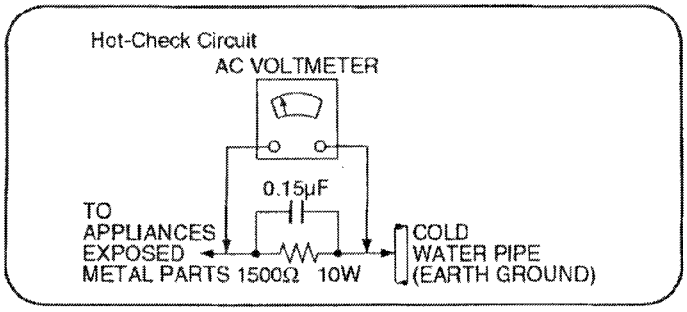


Fig. 1

1.1.2. LEAKAGE CURRENT HOT CHECK (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kΩ, 10 watts resistor, in parallel with a 0.15μF capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

2 Handling the Lead Solder

2.1. About lead free solder (PbF)

Distinction of PbF P.C.B. :

P.C.B.s (manufactured) using lead free solder will have a PbF stamp on the P.C.B.

Caution:

- Pb free solder has a higher melting point that standard solder; Typically the melting point is 50 - 70°F (30 - 40°C) higher. Please use a high temperature soldering iron. In case of the soldering iron with temperature control, please set it to 700 ± 20°F (370 ± 10°C).
- Pb free solder will tend to splash when heated too high (about 1100°F/600°C).
- When soldering or unsoldering, please completely remove all of the solder on the pins or solder area, and be sure to heat the soldering points with the Pb free solder until it melts enough.

3 Before Repair and Adjustment

Disconnect AC power, discharge Power Supply Capacitors (C337, C338, C707, C717, C718, C907) through a 10 Ω, 10 W 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.

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

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

4 About the Protection Circuitry

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

*No sound is heard when the power is supplied.

*Sound stops during a performance.

The functions of this circuitry is to prevent circuitry damage, 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 this unit are used.

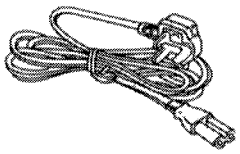
If this occurs, follow the procedure outlined below:

1. Press the STANDBY ⏻ /ON button, switch to STANDBY mode.
2. Determine the cause of the problem and correct it.
3. Press the STANDBY ⏻ /ON button once again, supply the power.

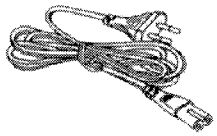
Note:

When the protection circuitry functions, the unit will not operate unless the STANDBY ⏻ /ON button is first switched STANDBY and then ON again.

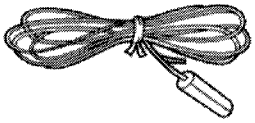
5 Accessories



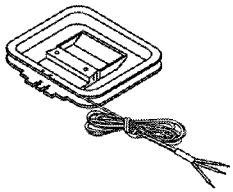
AC power supply cord
.....1 pc (EB)



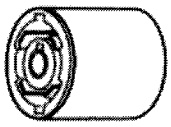
AC power supply cord
.....1 pc (E, EG)



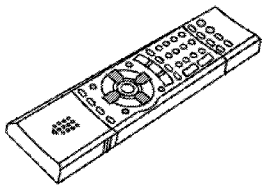
FM indoor antenna
.....1 pc



AM loop antenna
.....1 pc



Antenna plug
adapter
.....1 pcs (EG)



Remote control
.....1 pc

6 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 ⏚ 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

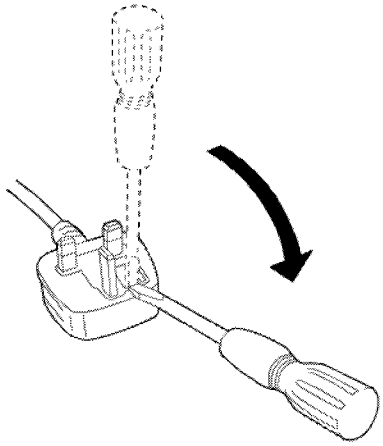
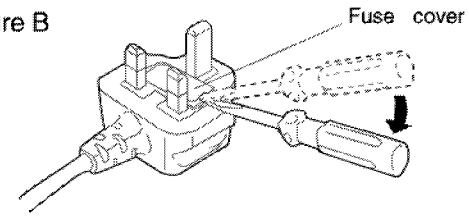


Figure B



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

Figure A

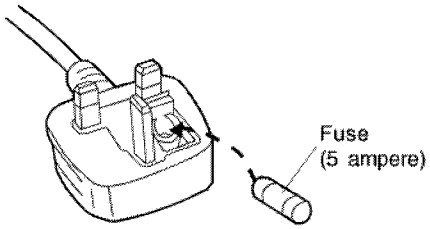
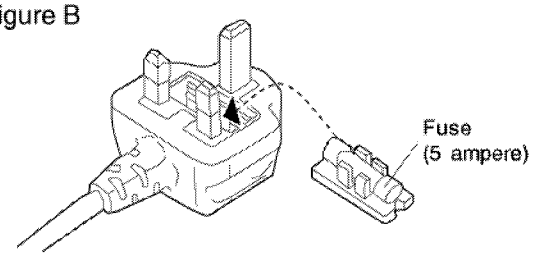


Figure B



7 Operation Procedures

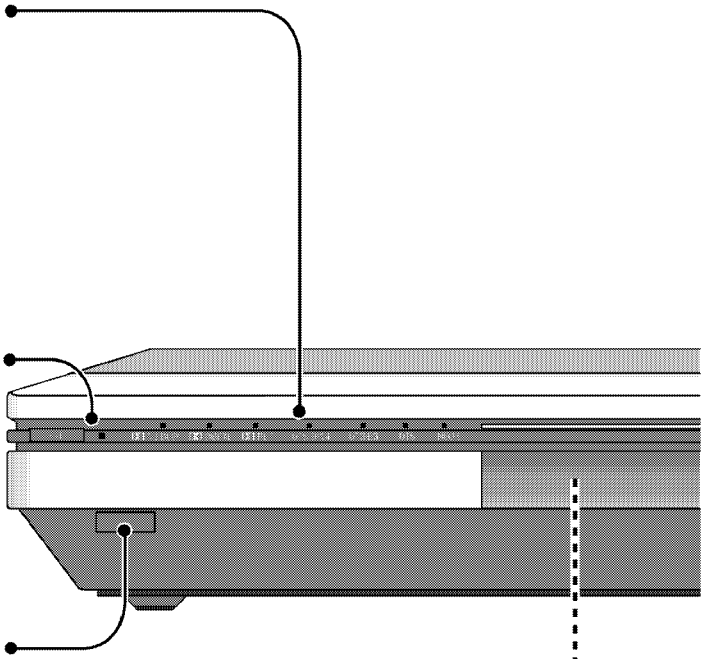
Main unit

[DD DIGITAL EX, DD DIGITAL, DD PL II, DTS-ES, DTS, NEO:6]
Light to indicate the source's input signal and decoding format used.
DD DIGITAL EX: Dolby Digital Surround EX sources
DD DIGITAL: Dolby Digital sources
DD PL II: Dolby Pro Logic II decoder is being used
DTS-ES: DTS-ES discrete or matrix sources
DTS: DTS sources
NEO:6: NEO:6 matrix decoder is being used

Standby/on switch [⏻/I]
Press to switch the unit from on to standby mode or vice versa.
In standby mode, the unit is still consuming a small amount of power.

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.

Remote control signal sensor



Display

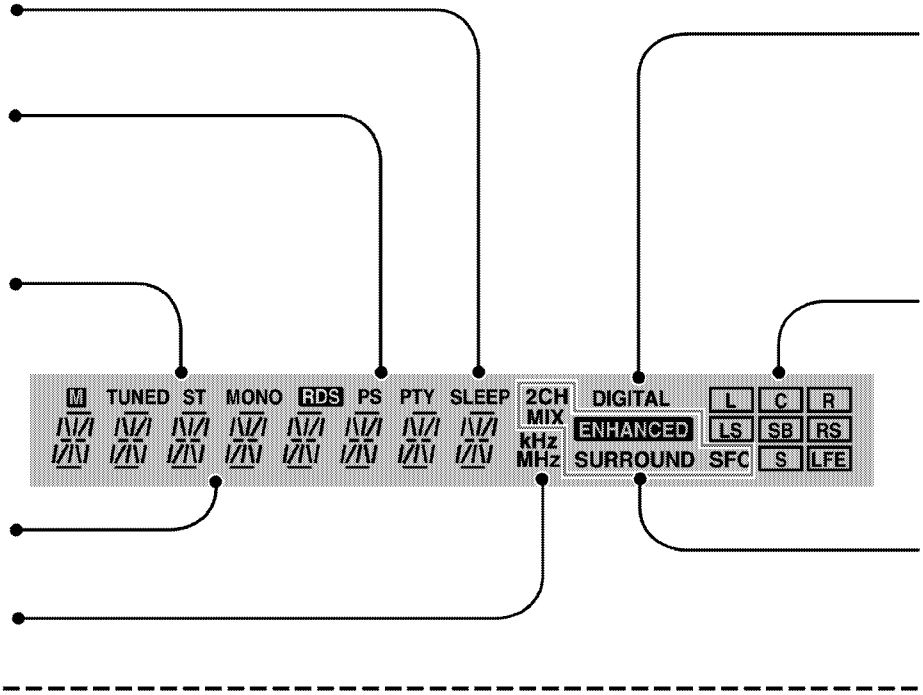
[SLEEP]
Sleep timer indicator.

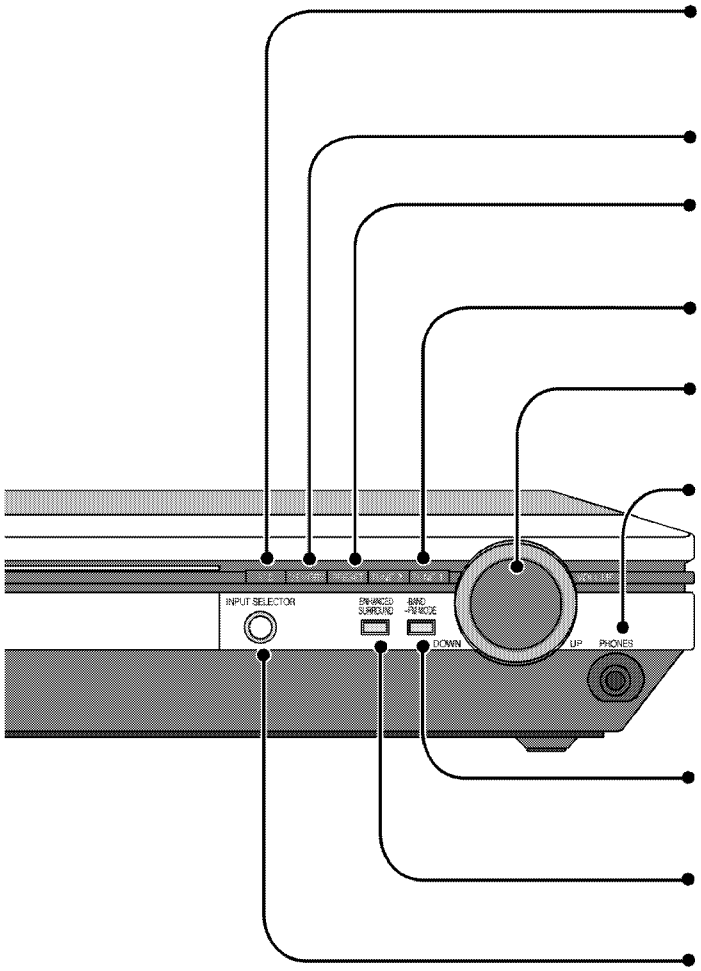
[RDS, PS, PTY]
(For continental Europe and the United Kingdom)
RDS: Lights while RDS signals are being received.
PS, PTY: Show the current RDS display mode.

[M, TUNED, ST, MONO]
Radio indicators
M: Flashes or lights during presetting.
TUNED: A station is tuned.
ST: A stereo FM broadcast is tuned.
MONO: You have switched to monaural mode with [-BAND, –FM MODE] or [FM MODE] to improve reception.

General display
Shows the input mode, radio frequency, and other general information.

[kHz, MHz]
Frequency unit indicators
kHz: AM, or PCM sampling frequency
MHz: FM





[RDS] (For continental Europe and the United Kingdom)
Press to change the RDS display mode: Frequency, PS or PTY.
[FM MODE] (For other areas)
If reception is poor in FM, press so "MONO" appears to switch to monaural mode.

[MEMORY]
For presetting radio stations.

[PRESET]
Press to allow preset station selection with [TUNE, ∨, ∧].

[TUNE, ∨, ∧]
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.

[VOLUME]
Volume control.

[PHONES]
Headphone jack
Plug type: 6.3 mm stereo
- Avoid listening for prolonged periods of time to prevent hearing damage.
- The STEREO/2CH MIX mode is engaged when you connect headphones and you cannot select any of the other sound modes.

[-BAND, –FM MODE]
(For continental Europe and the United Kingdom)
For switching between FM and AM.
If reception is poor in FM, press and hold so "MONO" appears to switch to monaural mode.
[BAND] (For others)
For switching between FM and AM.

[ENHANCED SURROUND]
For turning on the enhanced surround mode.

[INPUT SELECTOR]
For selecting input.

[DIGITAL]
Lights when digital input is selected.

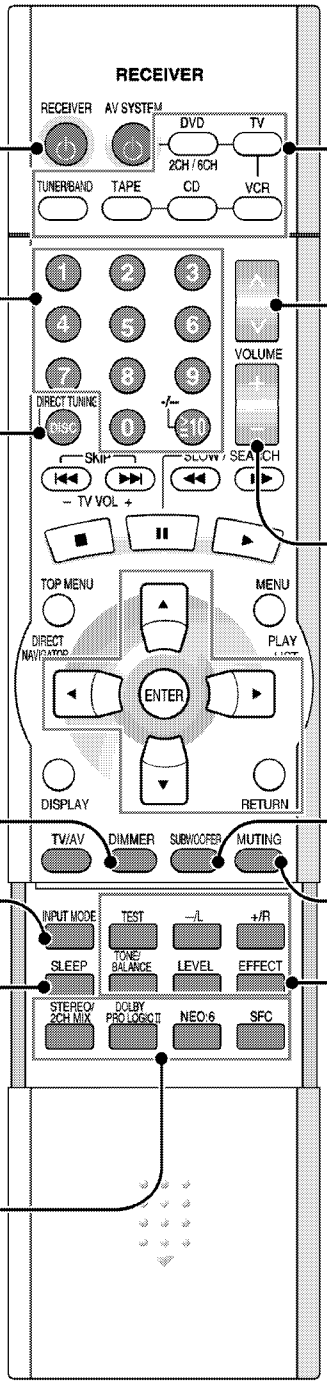
[L, C, R, LS, SB, RS, S, LFE]
Program format indicators
Show the channels contained in the digital input signal. They do not light when input is analogue.
L: Front left channel
C: Center channel
R: Front right channel
LS: Surround left channel
SB: Surround back channel
RS: Surround right channel
S: If the surround channel is monaural.
LFE (Low Frequency Effects): Deep-bass effect.

[2CH MIX, ENHANCED, SURROUND, SFC]
2CH MIX: Appears when you are playing a multi-channel source in 2CH MIX mode
ENHANCED: Appears when enhanced surround mode is on
SURROUND: Appears when you are using Dolby Pro Logic II, NEO:6 or enhanced surround mode
SFC: Appears when you are using an SFC mode

For your reference
- **When playing video sources connected to VCR (SA-XR25)**
  The picture remains on the screen even if you select TAPE, CD or TUNER.

Remote control

Buttons not explained on this page are used only to operate other equipment. Refer to the separate Remote Control Operation Guide for details.



[⏻, RECEIVER]
Standby/on button.

[1, 2, 3, 4, 5, 6, 7, 8, 9, 0]
To enter radio frequencies and channels.

[≧10, -/--]
To enter two digit channels.

[DISC, DIRECT TUNING]
To enable selection of radio stations by frequency.

[DIMMER]
For dimming the unit's display and turning off the panel light.

[INPUT MODE]
For selecting AUTO, ANALOG or DIGITAL.

[SLEEP]
To start the sleep timer.

[STEREO/2CH MIX]
For selecting STEREO or 2CH MIX mode.

[DOLBY PRO LOGIC Ⅱ]
For selecting a Dolby Pro Logic Ⅱ mode: MOVIE, MUSIC or PANORAMA.

[NEO:6]
For selecting a NEO:6 mode: CINEMA or MUSIC.

[SFC]
For selecting SFC modes.

[DVD 2CH/6CH, TV, TUNER/BAND, TAPE, CD, VCR]
Input mode and remote control mode buttons.
DVD 2CH/6CH: For switching between 6-channel and 2-channel DVD input.

[∧, CH, ∨]
For selecting preset radio channels.

[+, –, VOLUME]
To adjust the volume.

[SUBWOOFER]
For selecting subwoofer level.
Adjust the level in 5 steps:
SW MIN, SW 5, SW 10, SW 15, and SW MAX.
Select SW – – – to stop output.

[MUTING]
To mute the volume.

[TEST]
To start the speaker test signal.

[TONE/BALANCE]
To adjust the bass, treble and front speaker balance.

[LEVEL]
Use when adjusting speaker level.

[EFFECT]
Use when adjusting Dolby Pro Logic Ⅱ, NEO:6 or SFC effects.

[–/L, +/R]
First select SLEEP, EFFECT, LEVEL, TONE or BALANCE, then press [–/L] or [+/R] to adjust.

For your reference

- **When DVD 6CH input is on**
  Speaker settings are ineffective. Change the settings on the DVD player if necessary.
- **When using the subwoofer**
  You cannot adjust subwoofer level 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.
- **When muting is on**
  Muting is also canceled when the unit is turned off.

8 Disassembly and Main Component Replacement Procedures and Operational Check

"ATTENTION SERVICER"

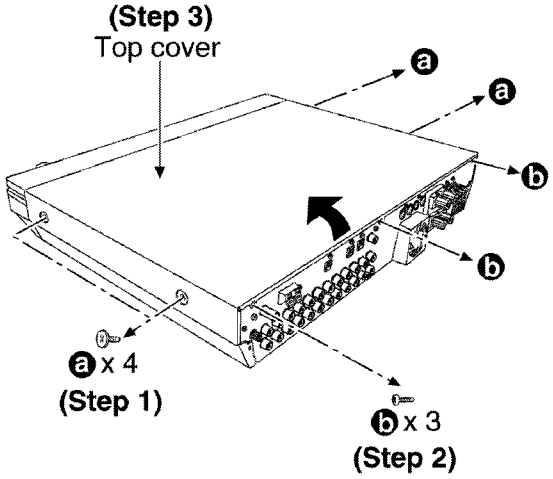
Some chassis components may have sharp edges.

Be careful when disassembling and servicing.

- **This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.**
- **For reassembly after operation checks or replacement, reverse the respective procedures. Special reassembly procedures are described only when required.**

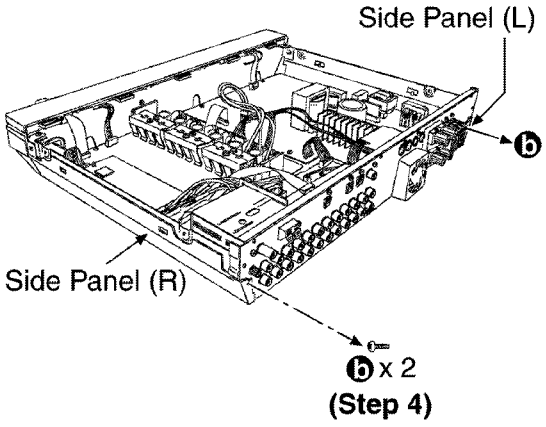
Contents

8.1. Checking for the Main P.C.B. and DSP P.C.B.

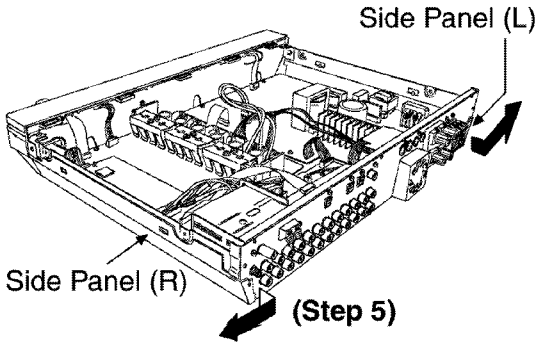


Steps 1 and 2 : Remove all the screws.

Step 3 : Remove the top cover.

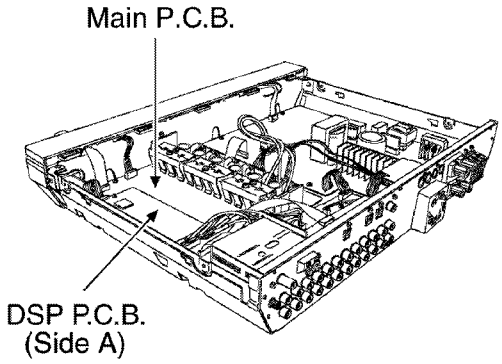


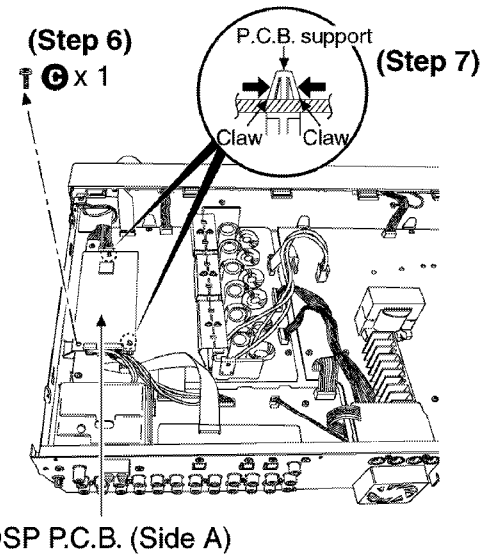
Step 4 : Remove all the screws.



Step 5 : Slide the side panel (L), (R) and then remove them as arrows shown above.

- Check the DSP P.C.B. (side A) as shown below.

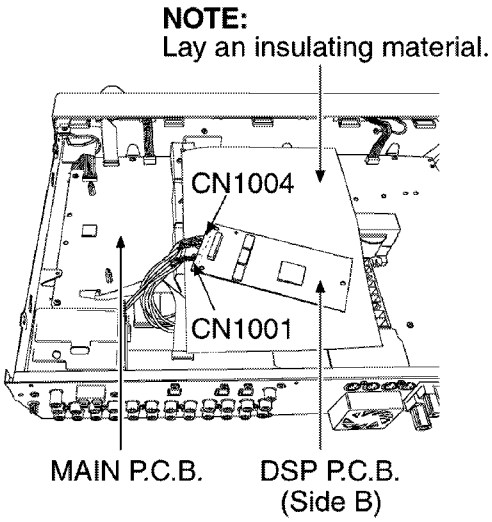




Step 6 : Remove the screws.

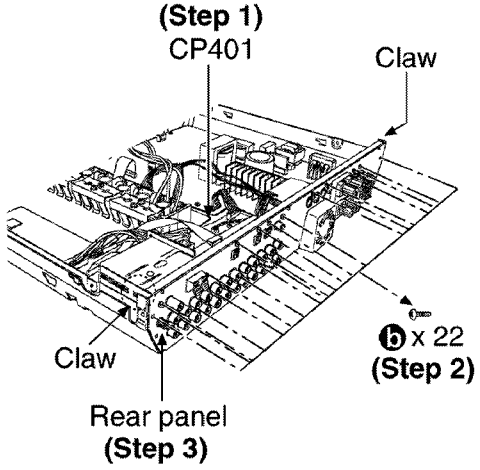
Step 7 : Release the claws of P.C.B. support and remove the DSP P.C.B.

- Check the DSP P.C.B. (Side B) and main P.C.B. as shown below.



8.2. Checking for the Input P.C.B.

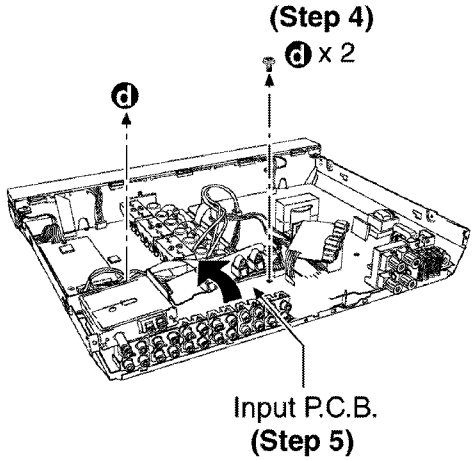
- Follow the **(Step 1)** - **(Step 5)** of item 8.1.



Step 1 : Remove the connector (CP401).

Step 2 : Remove all the screws.

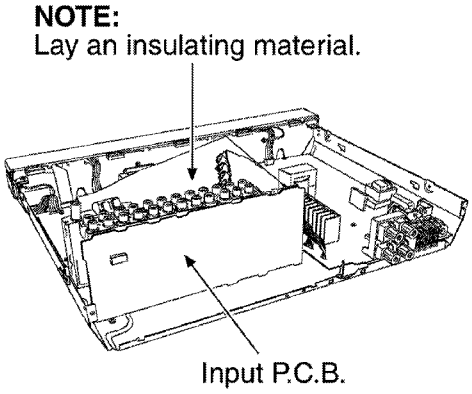
Step 3 : Remove the rear panel.



Step 4 : Remove all the screws.

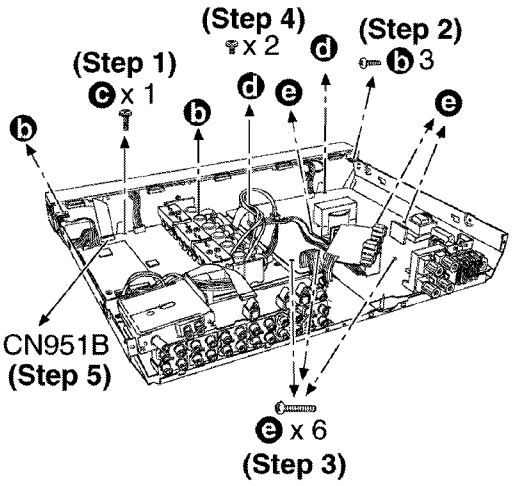
Step 5 : Upset the Input P.C.B.

- Check the Input P.C.B. as shown below.



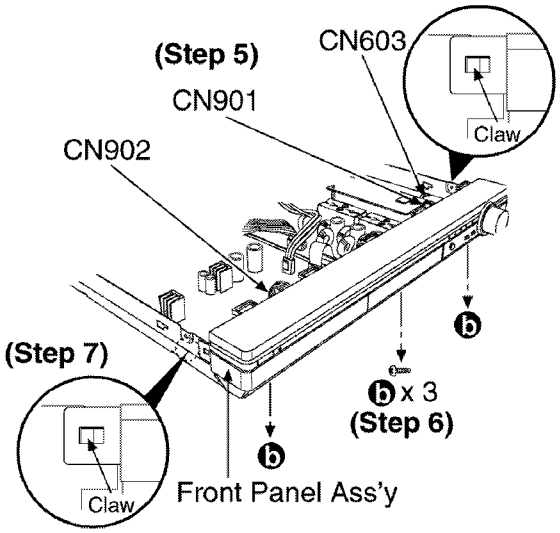
8.3. Checking for the Power Supply P.C.B.

- Follow the **(Step 1)** - **(Step 7)** of item 8.1.
- Follow the **(Step 1)** - **(Step 3)** of item 8.2.



Steps 1 - 4 : Remove all the screws.

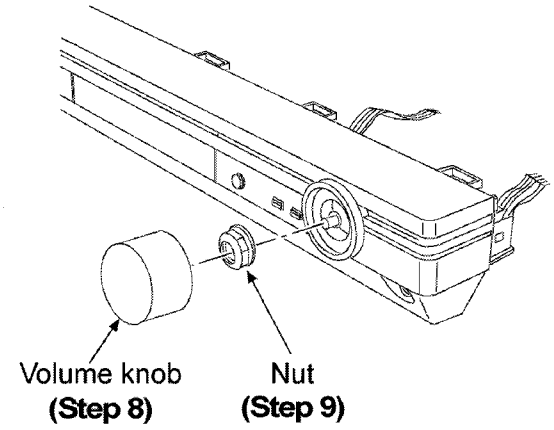
Step 5 : Remove the FFC from the connector (CN951B).



Step 5 : Remove all the connectors (CN603, CN901 and CN902).

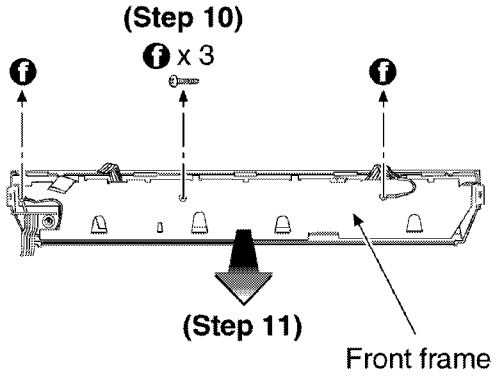
Step 6 : Remove all the screws.

Step 7 : Release the 2 claws and remove the front panel ass'y.



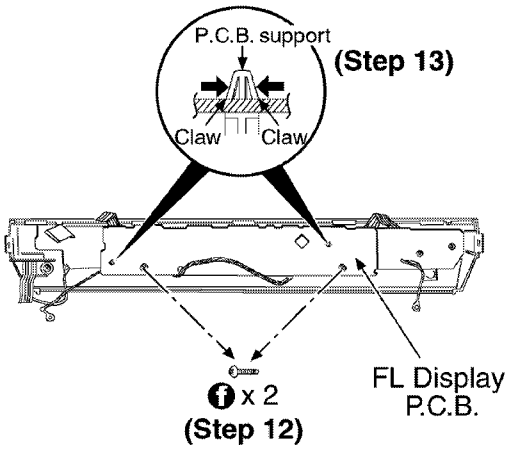
Step 8 : Remove the volume knob.

Step 9 : Remove the nut.



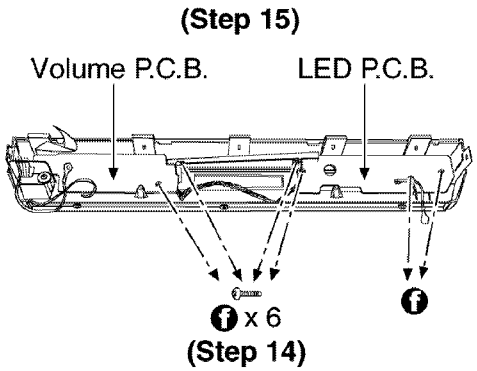
Step 10 : Remove all the screws.

Step 11 : Remove the front frame as arrow shown above.



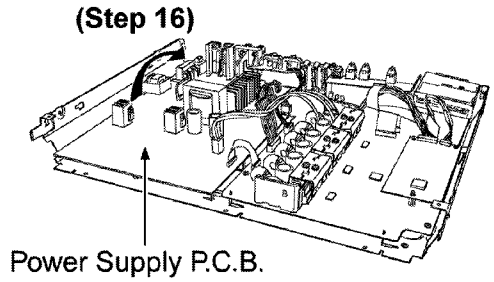
Step 12 : Remove all the screws.

Step 13 : Release the claws of the P.C.B. support and remove the FL Display P.C.B.



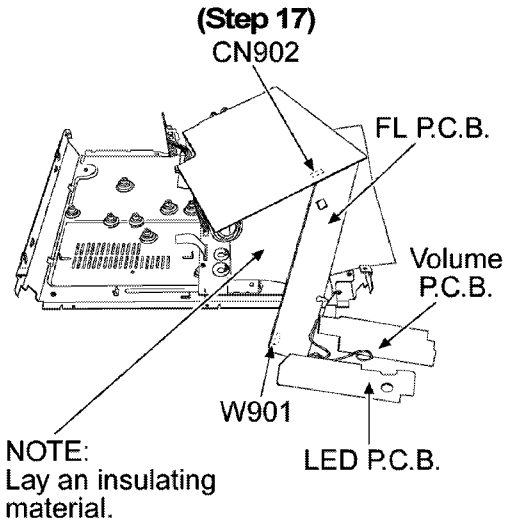
Step 14 : Remove all the screws.

Step 15 : Remove the Volume P.C.B. and LED P.C.B.



Step 16 : Upset the Power Supply P.C.B. as arrow shown above.

• Check the Power Supply P.C.B. as shown below.



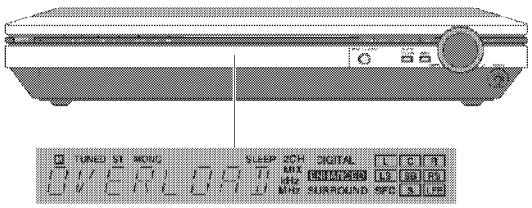
Step 17 : Connect back the connectors (CN902 and W901).

9 Self Diagnosis Display Function

This unit is equipped with the self diagnosis display function, which alarms faulty operation with error code. Use this function during servicing.

9.1. Automatically Displayed Error Codes

An error code automatically appears on the display (LCD) when faulty operation is detected. Refer to Fig. 9.1.



<Fig.9.1>

9.2. Display Details

Refer to the following table.

LCD display	Symptom	Cause and Remedy
OVERLOAD	Speaker short, amplifier failure	Speaker short and failure in power amplifier, pre-amplifier circuits. Check for faulty parts and replace with new parts if necessary.
	Humidity protection activated	
FANLOCK	The fan stops suddenly.	Failure in fan or fan control circuits. Check for faulty parts and replace with new parts if necessary.
F70	Communication error between sub micro processor and its peripheral LSI	Failure sub-micro processor and its peripherals LSI. Check for faulty parts and replace with new parts if necessary.
F76	When the power is turned on, the unit power automatically turns off; the power cannot be turned on.	Failure in the power circuit system of the unit. This may happen when the direct current electricity is supplied to speaker terminals. Check for the above and replace with new parts if necessary.

9.3. Activating Self Diagnosis Function (Servicing Mode)

This mode can be used during servicing.

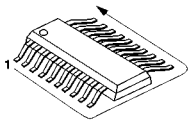
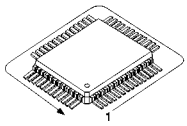
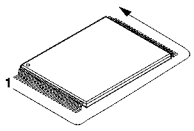
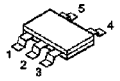
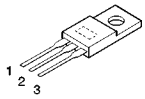
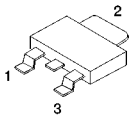
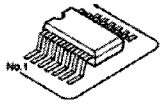
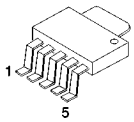
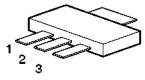
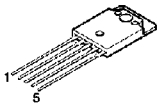
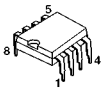
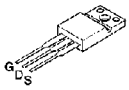
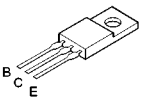
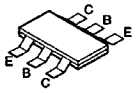
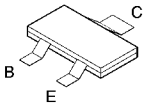
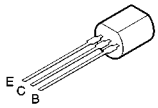
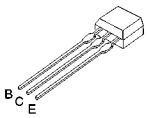
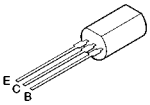
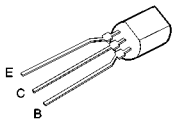
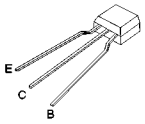
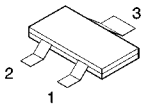
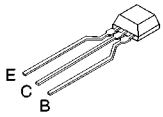
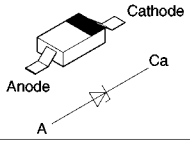
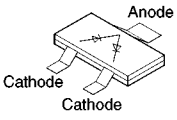
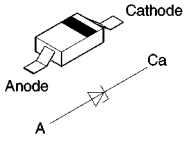
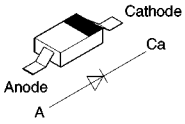
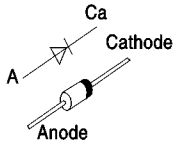
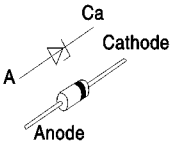
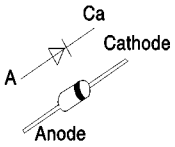
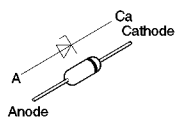
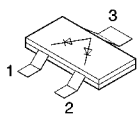
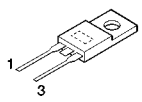
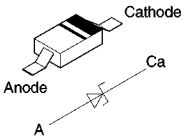
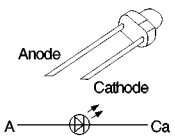
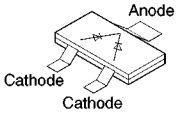
1. Plug the AC adapter to the power source. Press and hold down the INPUT SELECTOR button and the PRESET button, and then press the POWER button.
2. The message, DISPLAY appears on the display for three seconds, and then disappears.
3. When the TUNING DOWN button is pressed, the current program filing number (ex. "M45_***" for MA123_45) appears. The *** digit indicates the ROM checksum used for ROM collection, and if the unit is not loaded with ROM, "NO" appears.

   When the TUNING UP button is pressed, the sub micro computer program filing number (ex. S90_***" for MA678_90) appears. The *** digit indicates the ROM checksum used for ROM collection, and if the unit is not loaded with ROM, "NO" appears.
4. When the MEMORY button on the remote controller, the function is switched to "Input Inspection Mode", which output analog input signals at L channel of VCR analog input to all channels.

9.4. Returning to Normal Display

Press the POWER button on the unit to exit the function. The power is turned off.

10 Type Illustration of IC´s, Transistors and Diodes

C0JBAZ001003 (20p) C0JBAB000371 (8p) C0JBAZ001437 (20p) C0JZAS000002 (30p) C0JBAA000244 (14p) C1BB00000768 (58p) C0FBBK000035 (16p) C1AB00000417 (14p) C0ABBB000163 (8p) C0FBAK000010 (24p) C0ABBA000073 (8p) C0JBAF000367 (8p) C0JBAR000308 (8p) C0ABBB000125 (8p) C1BB00000462 (32p)				C2HBZZ000012 (144p) C0HBB0000022 (44p) C1BB00000767 (80p) C2BBGF000441 (64p) C2BBGF000440 (64p) C1BB00000692 (48p)	
C3FBKC000103 (32p) 	C0JBAB000423 C0EBE0000200 C0JBZZ000138 C0JBAB000202 TC7SHU04F 	C0EAS0000032 	C0CBABG00006 	C1BB00000542 (18p) 	C0DBZZF00001 
C0CBADC00042 	C1DA00000248 	C0ABBB000102 C0DACZZ00007 	B1DEGL000004 B1DEGF000001 	B1BACJ000005 	B1GFGCAA0001 
UNR211500L 2SA1037AKSTX 2SC2412KT96R B1GDCFJN0001 B1ABEC000005 B1GBCFJA0002 		2SD592AQRSTA 	2SA933ASTA 	2SC3940ARA 	2SB0621AHA 
B1AAGC000006 B1GCCFJJ0008 B1GACFJN0007 RVTDTC114EST 		B1ABCF000079 B1GBCFLL0012 B1GDCFJJ0008 	2SC3311ARTA 	MAZ80560ML MAZ80750ML MAZ80510LL 	B0ADCJ000020 
B0ACCK000005 	MA2J11100L B0ECKP000002 B0JCGD000004 B0ACCE000003 	B0HAMM000074 B0HAJM000005 	B0BA6R200012 MTZJ39DTA B0BA03000015 B0BA01500036 B0BA01800019		B0AACK000004 B0JAME000059 
1SR35400V 	B0FFAR000001 	B0ADFJ000003 	B0HASM000005 	B0JCCE000002 	B3AAA0000487 
B0ADCJ000012 					

11 Schematic Diagram

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

Note:

S941 : POWER switch
S961 : BAND switch
S962 : MEMORY switch
S963 : PRESET switch
S964 : TUNE DOWN switch
S965 : TUNE UP switch
S966 : SELECTOR switch
S968 : ENHANCE SURROUND switch
S969 : FM MODE switch

- 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.

- **Importance safety notice :**

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

Caution !

IC, LSI and VLSI are sensitive to static electricity.

Secondary trouble can be prevented by taking care during repair.

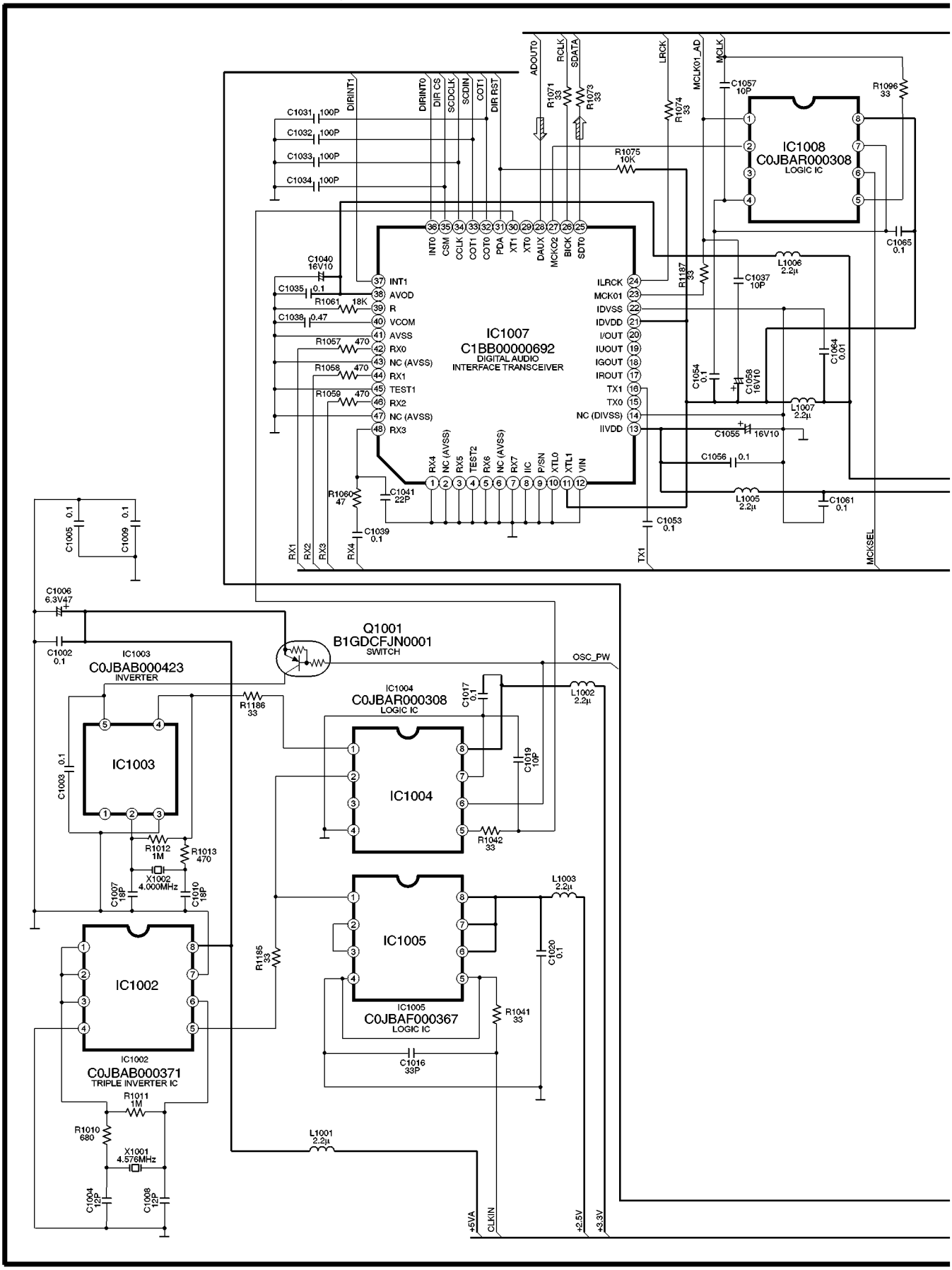
- Cover the parts boxes made of plastics with aluminium foil.
- Put a conductive mat on the work table.
- Ground the soldering iron.
- Do not touch the pins of IC, LSI or VLSI with fingers directly.

SCHEMATIC DIAGRAM-1

A DSP CIRCUIT

—— : +B Signal line

⇨ : Main Signal line



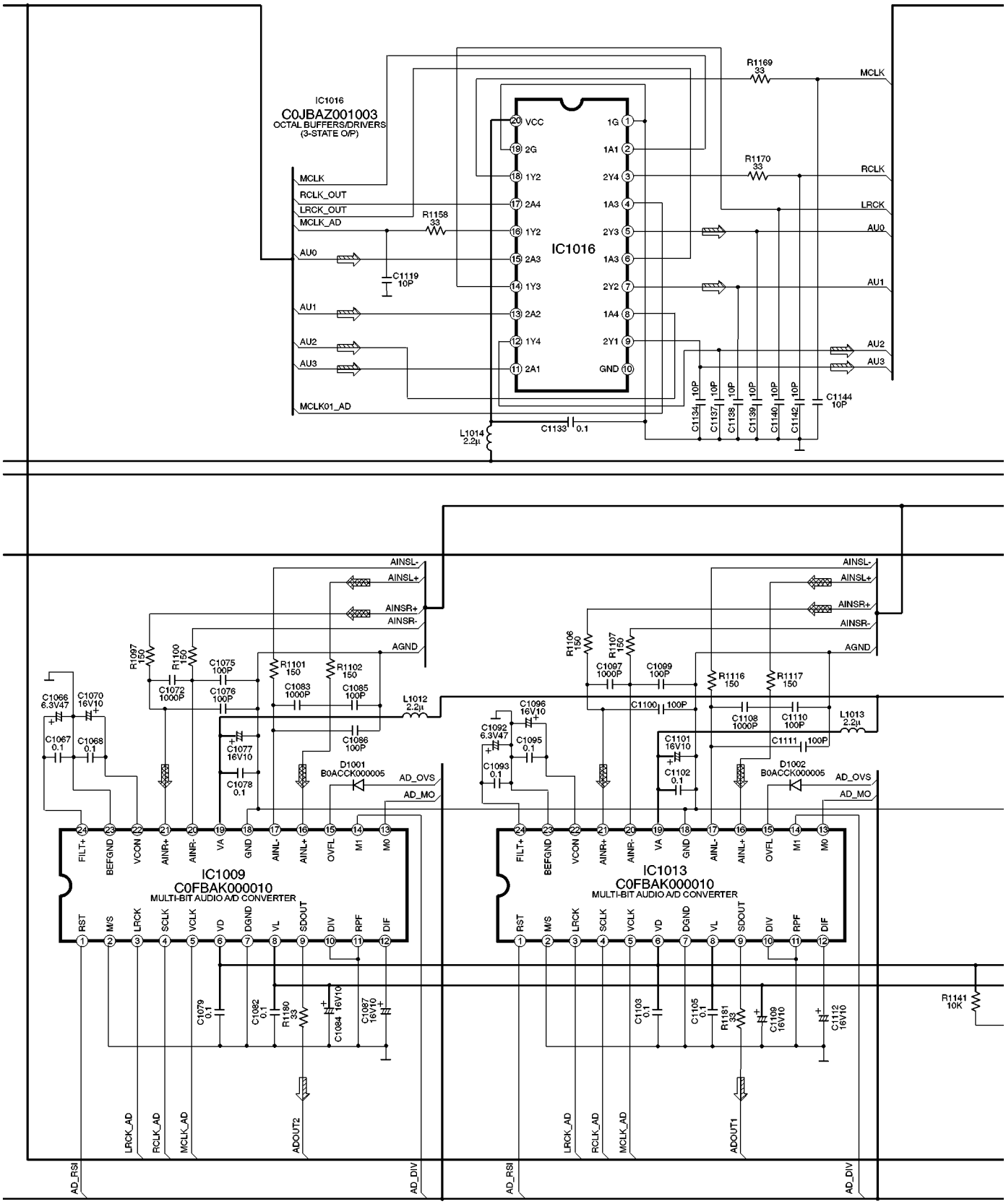
SCHEMATIC DIAGRAM-2

A DSP CIRCUIT

—— : +B Signal line

: DVD(AUDIO) Signal line

: Main Signal line



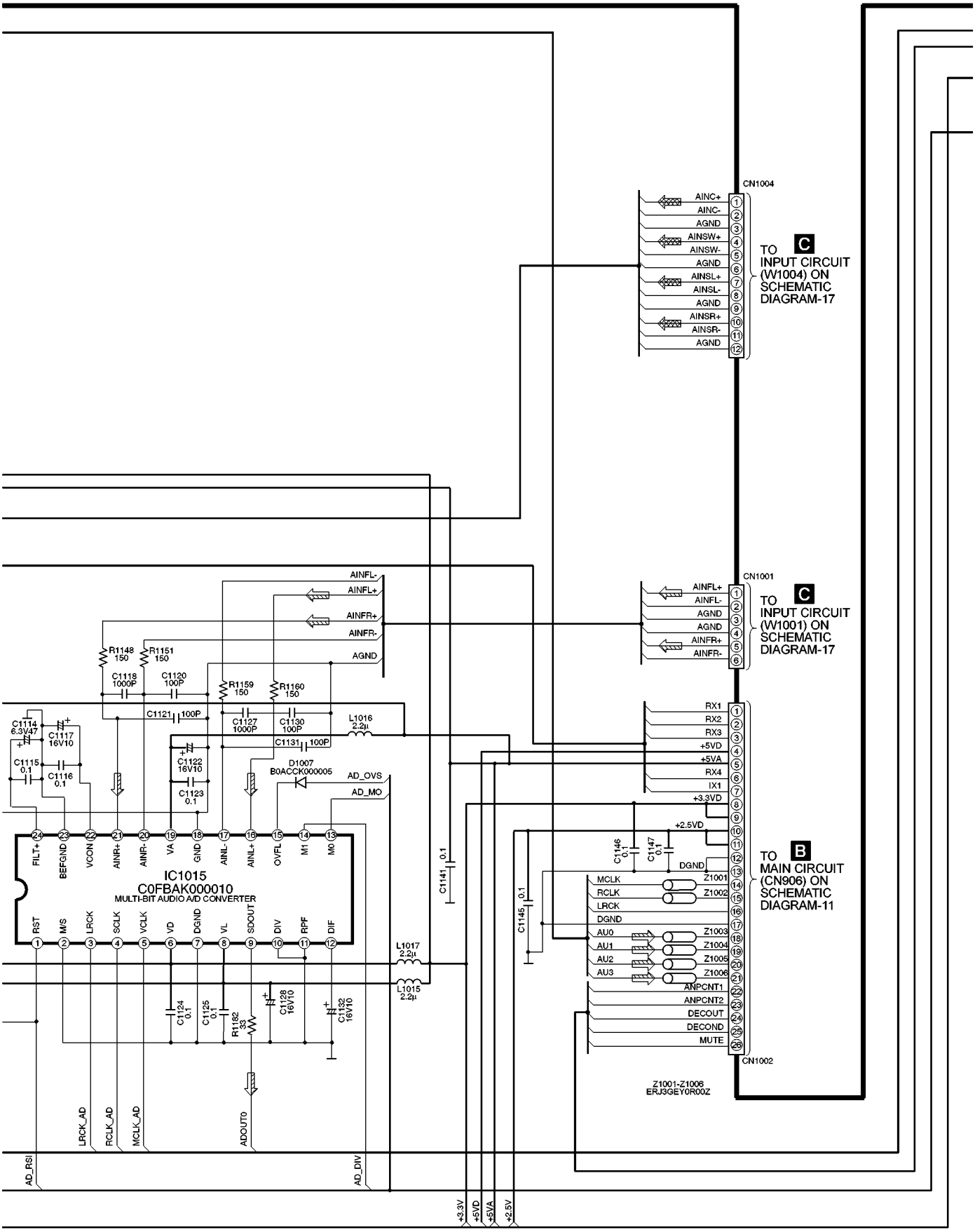
SCHEMATIC DIAGRAM-3

A DSP CIRCUIT

—— : +B Signal line

: DVD(AUDIO) Signal line

: Main Signal line

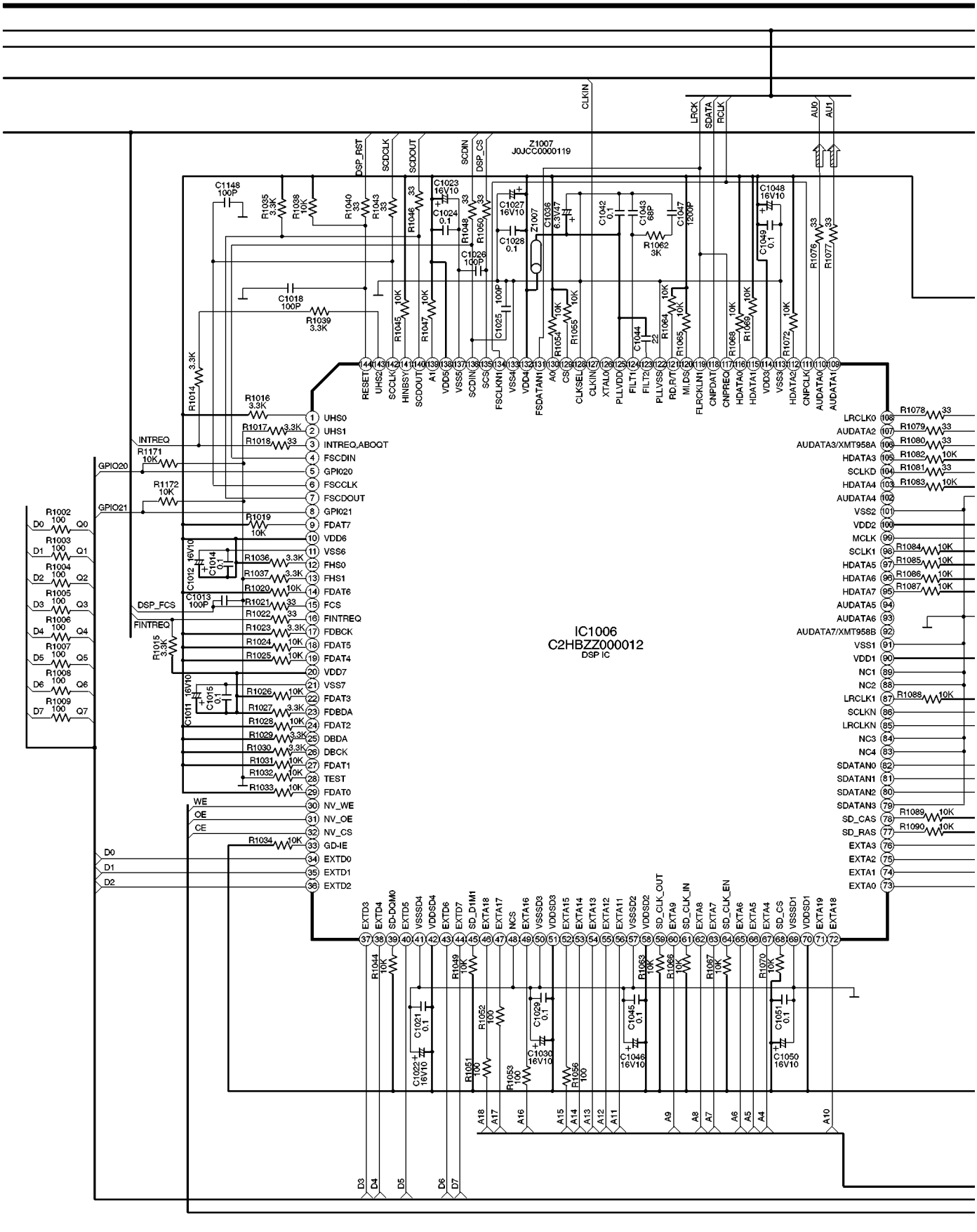


SCHEMATIC DIAGRAM-4

A DSP CIRCUIT

—— : +B Signal line

⇨ : Main Signal line

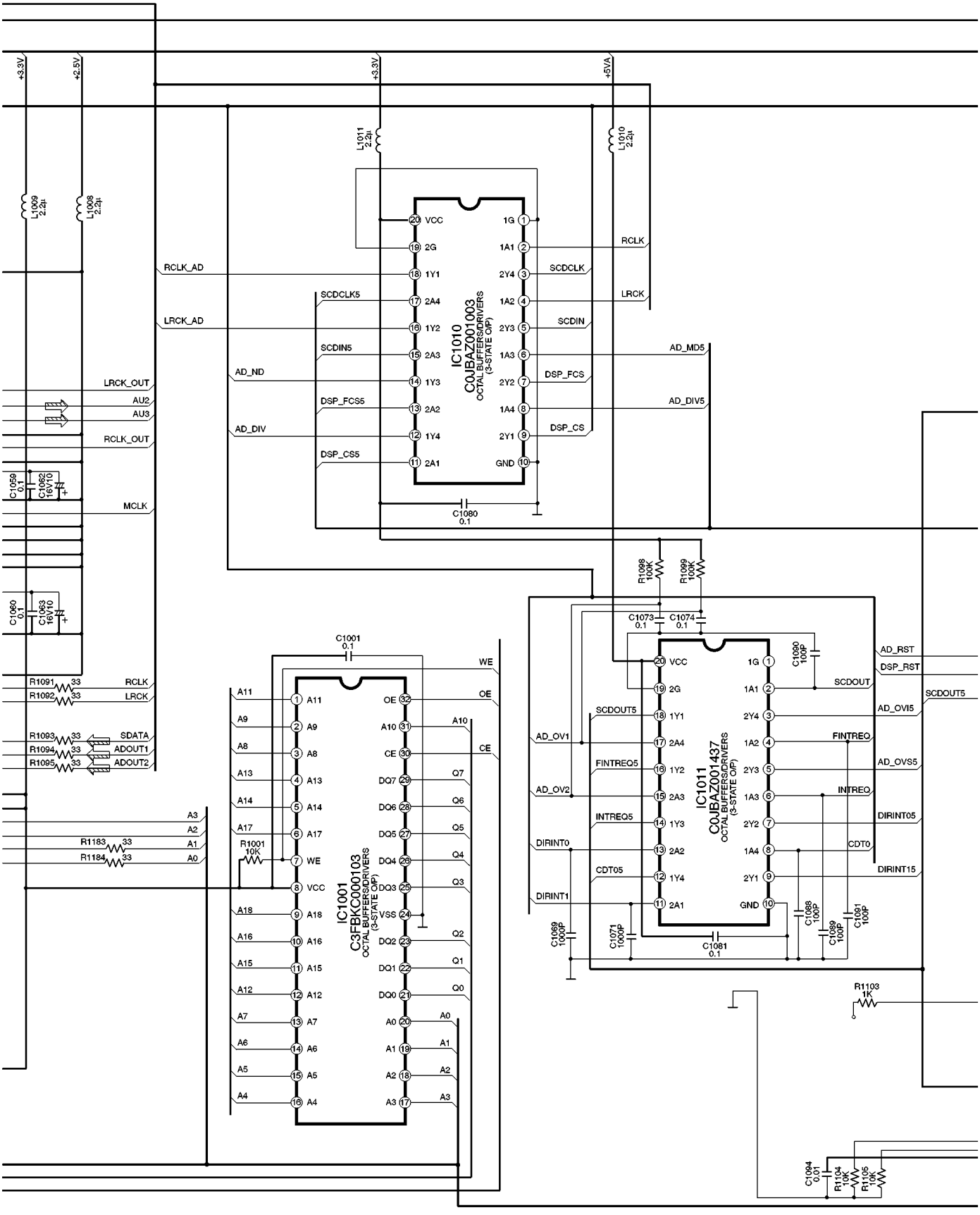


SCHEMATIC DIAGRAM-5

A DSP CIRCUIT

—— : +B Signal line

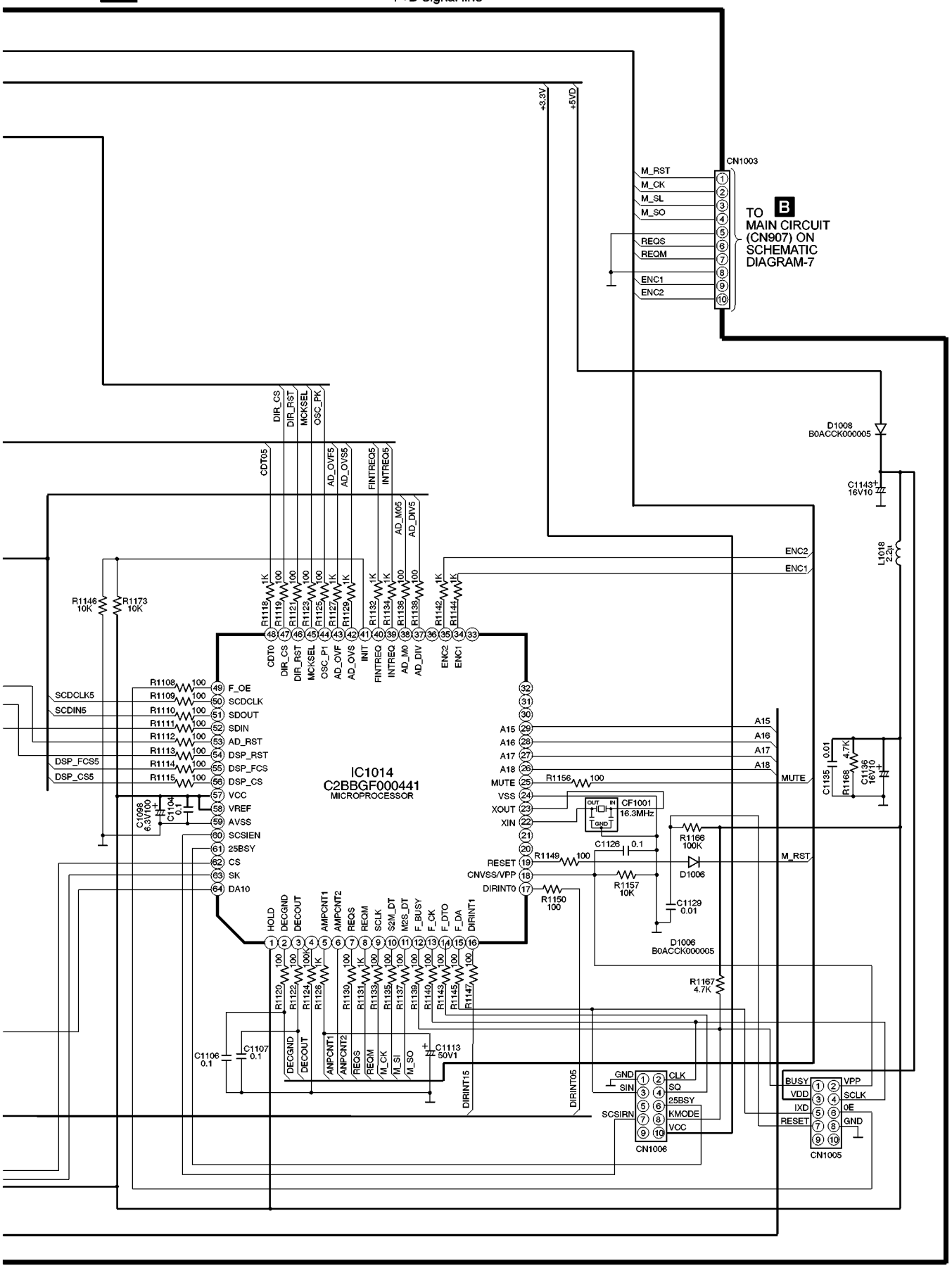
⇨ : Main Signal line



SCHEMATIC DIAGRAM-6

A DSP CIRCUIT

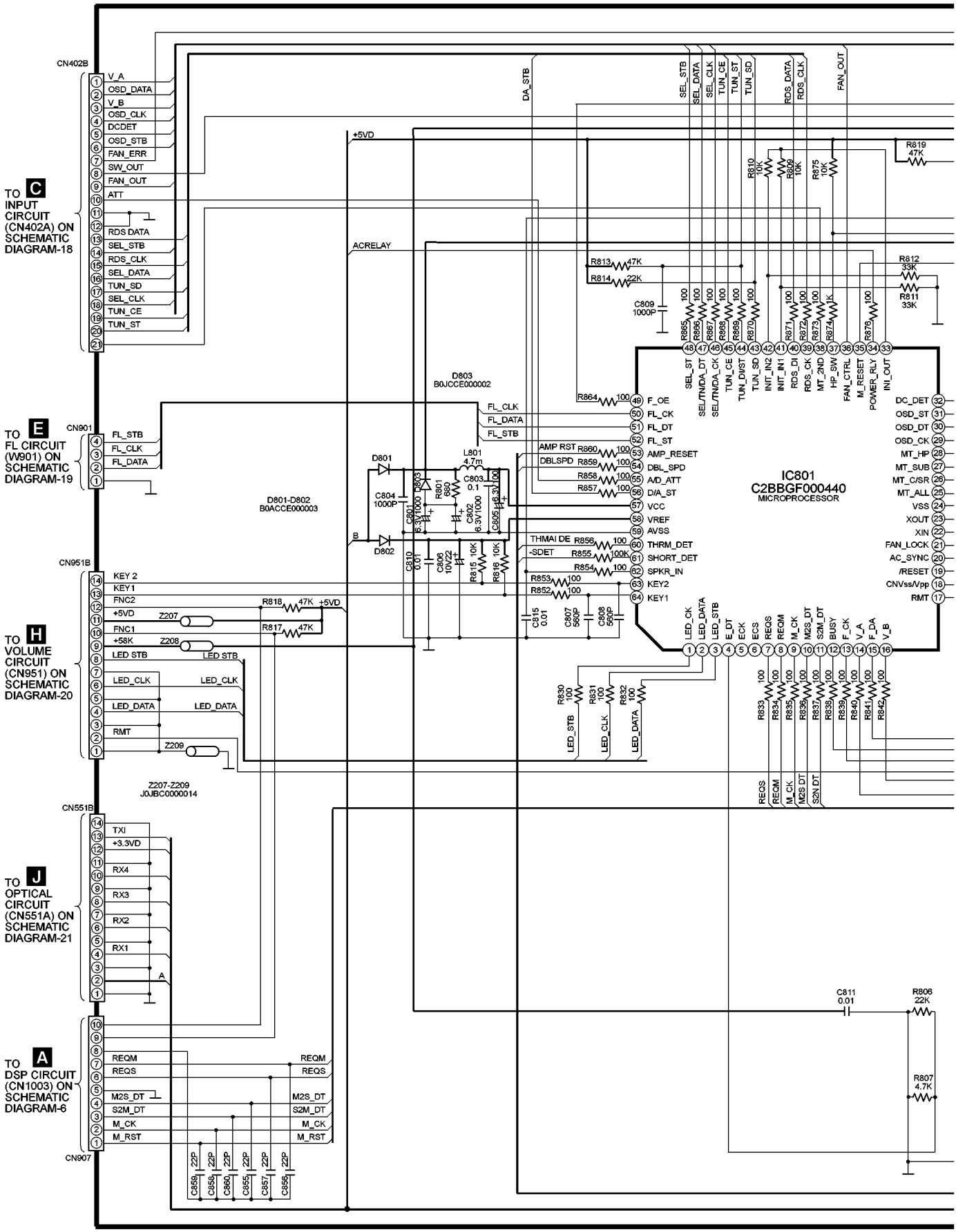
—— : +B Signal line



SCHEMATIC DIAGRAM-7

B MAIN CIRCUIT

—— : +B Signal line

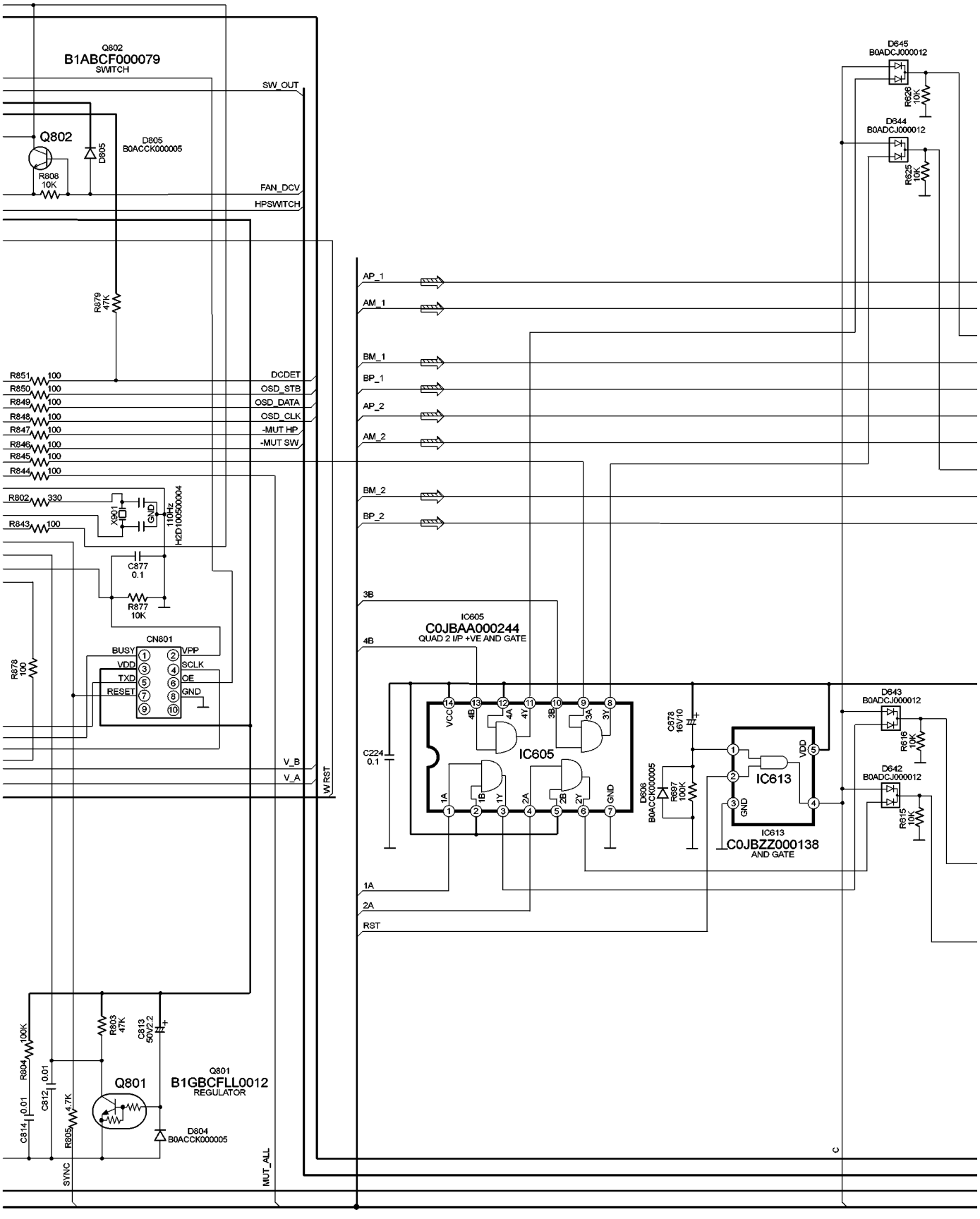


SCHEMATIC DIAGRAM-8

B MAIN CIRCUIT

—— : +B Signal line

⇨ : Main Signal line

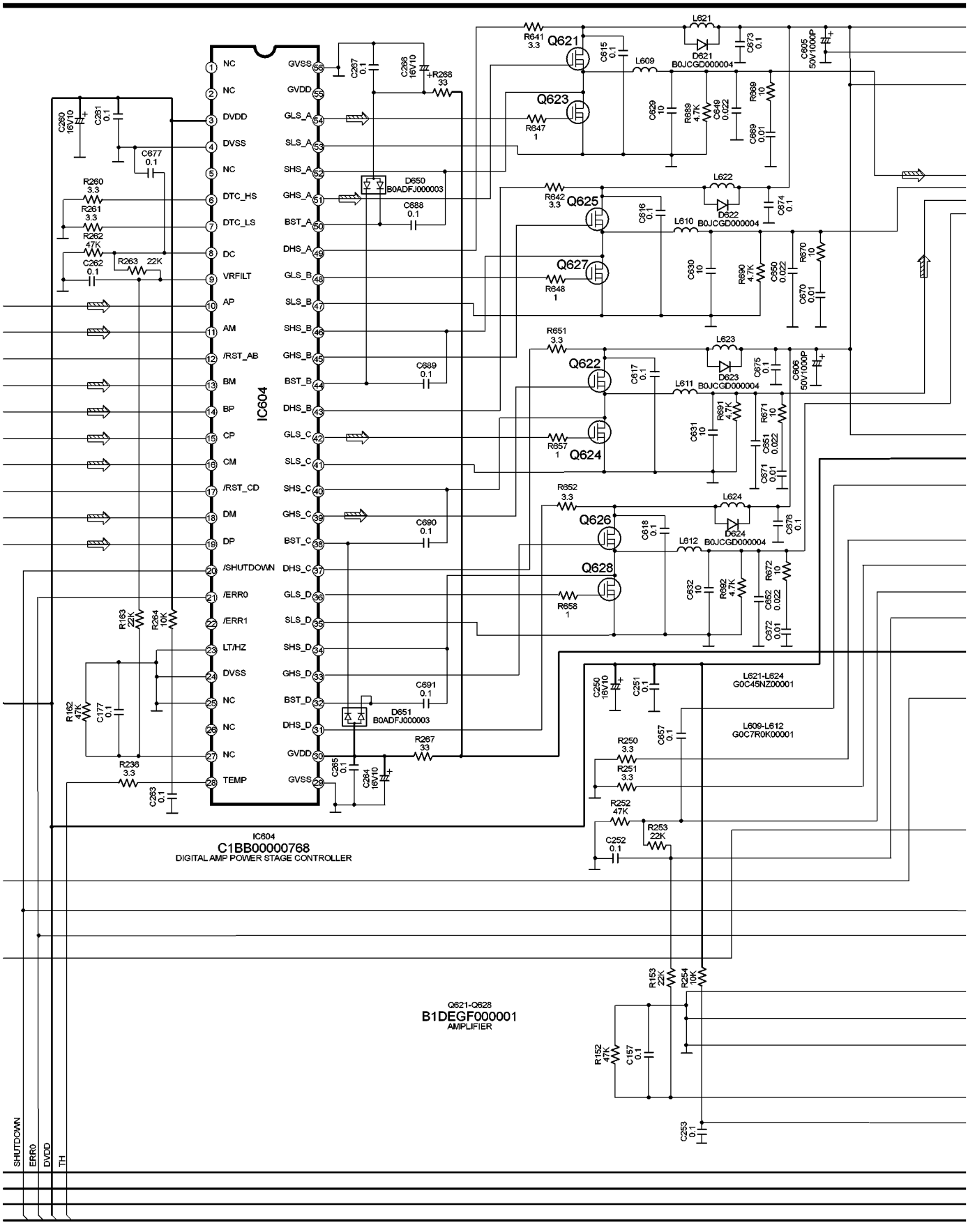


SCHEMATIC DIAGRAM-9

B MAIN CIRCUIT

—— : +B Signal line

⇨ : Main Signal line

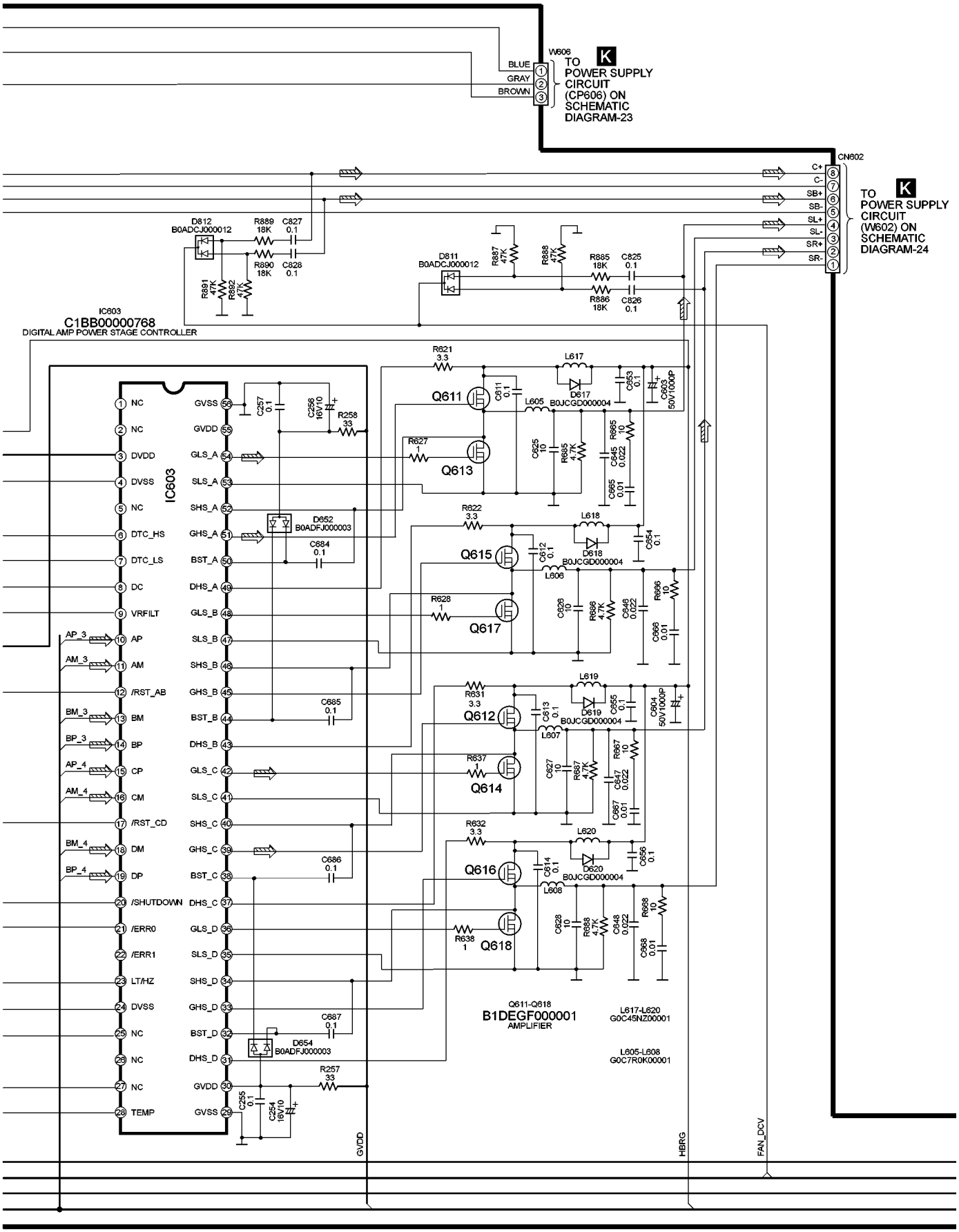


SCHEMATIC DIAGRAM-10

B MAIN CIRCUIT

—— : +B Signal line

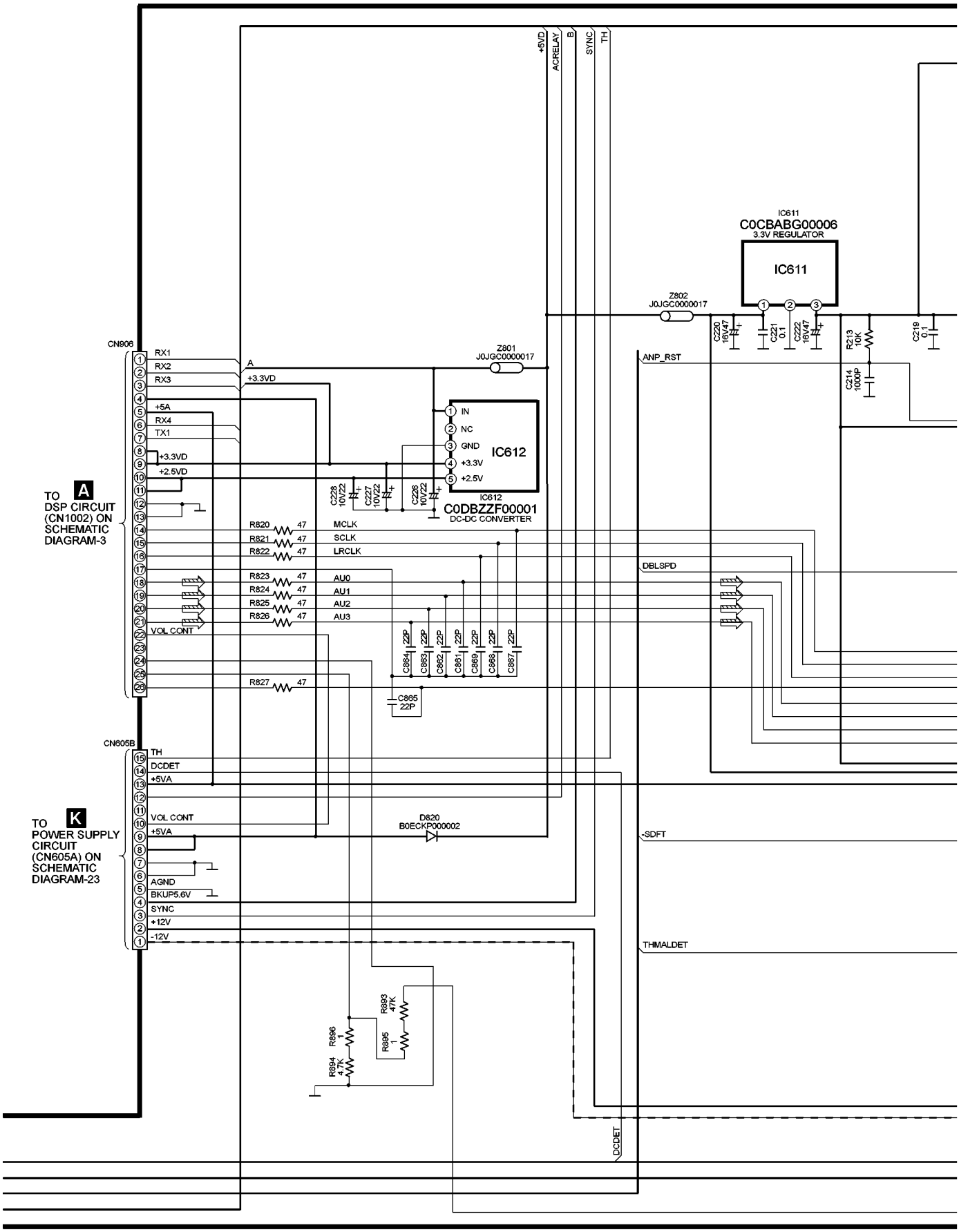
⇨ : Main Signal line



SCHEMATIC DIAGRAM-11

B MAIN CIRCUIT

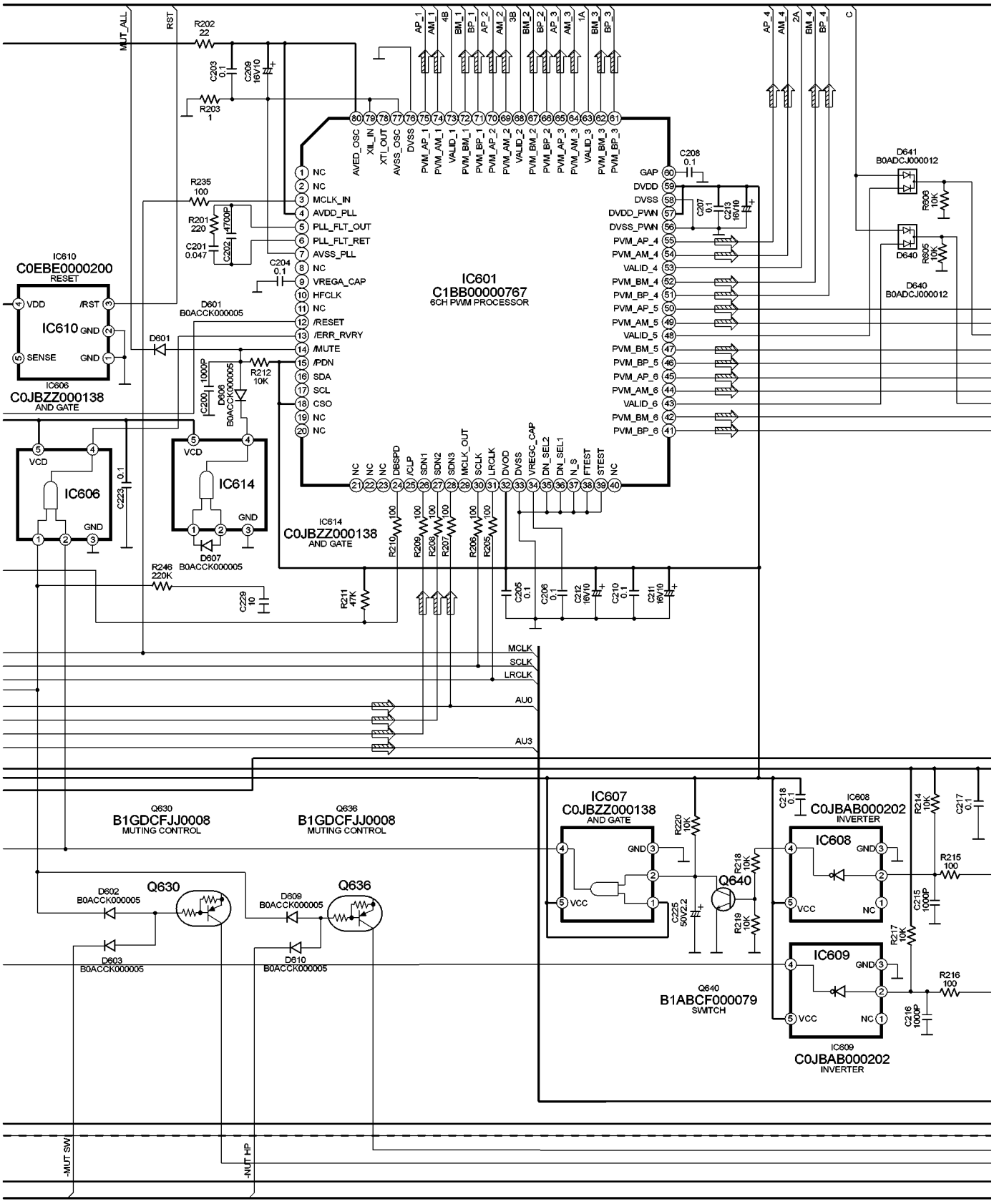
– – : -B Signal line
—— : +B Signal line
⇨ : Main Signal line



SCHEMATIC DIAGRAM-12

B MAIN CIRCUIT

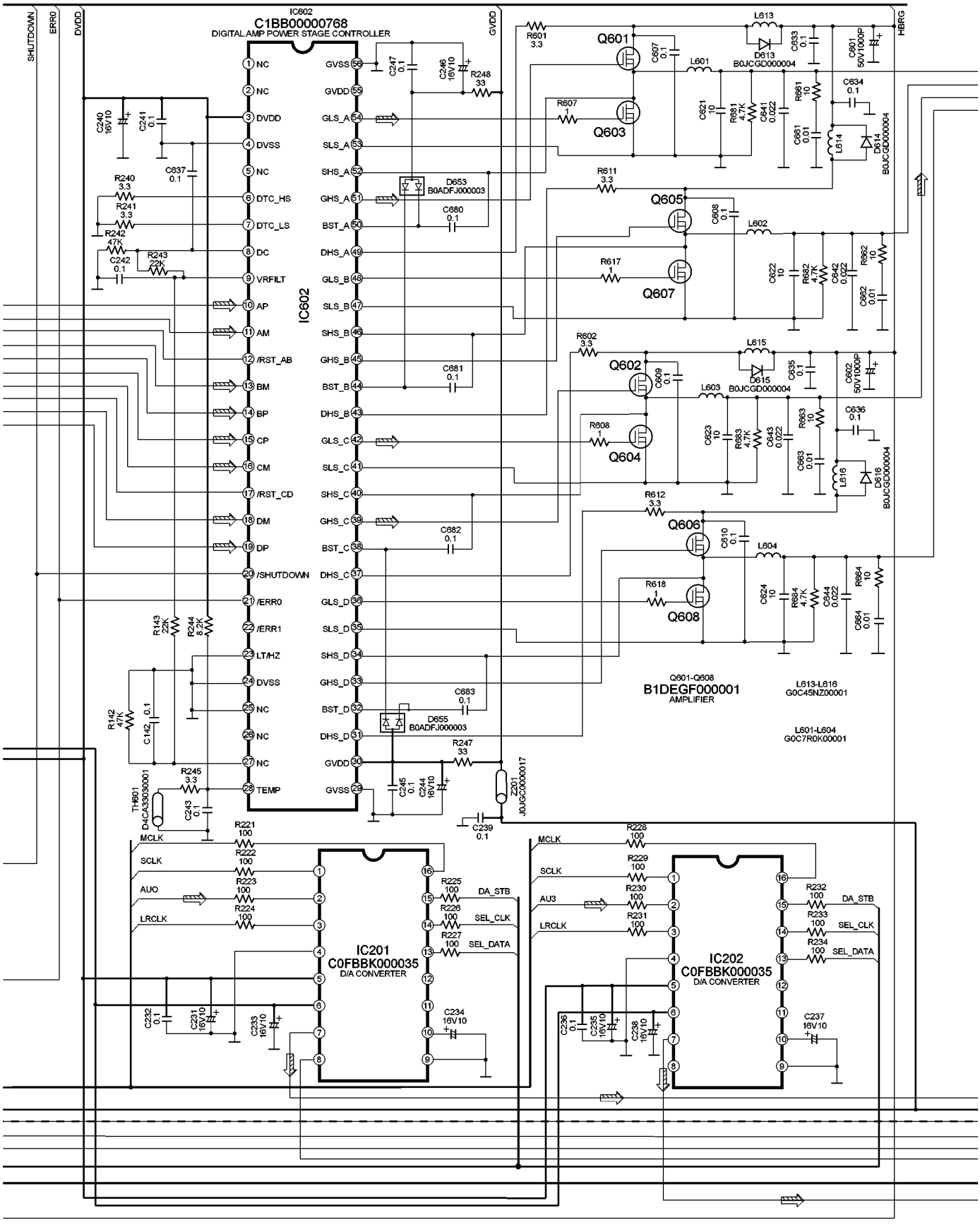
– – : -B Signal line
—— : +B Signal line
⇨ : Main Signal line



SCHEMATIC DIAGRAM-13

B MAIN CIRCUIT

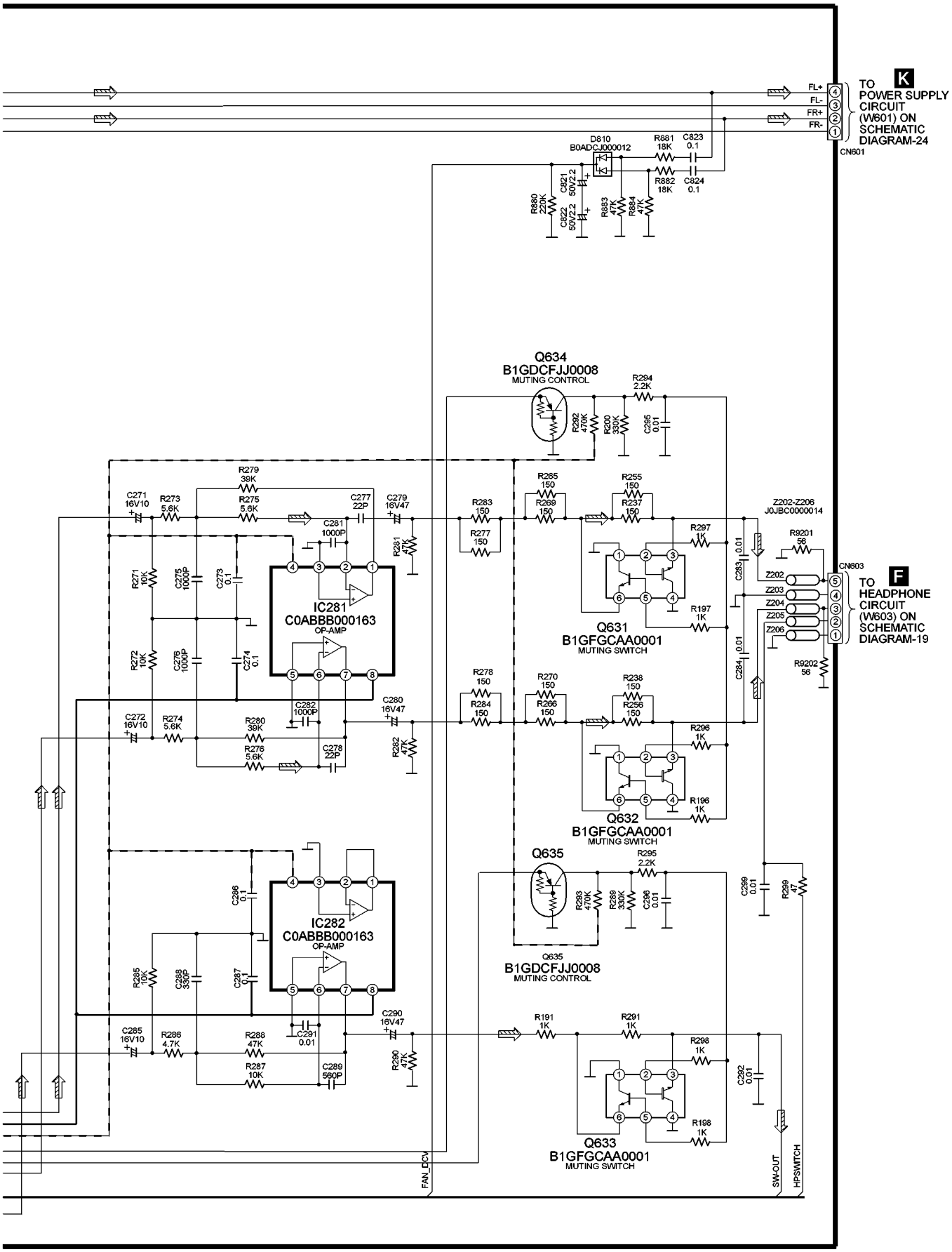
– – : -B Signal line
—— : +B Signal line
⇨ : Main Signal line

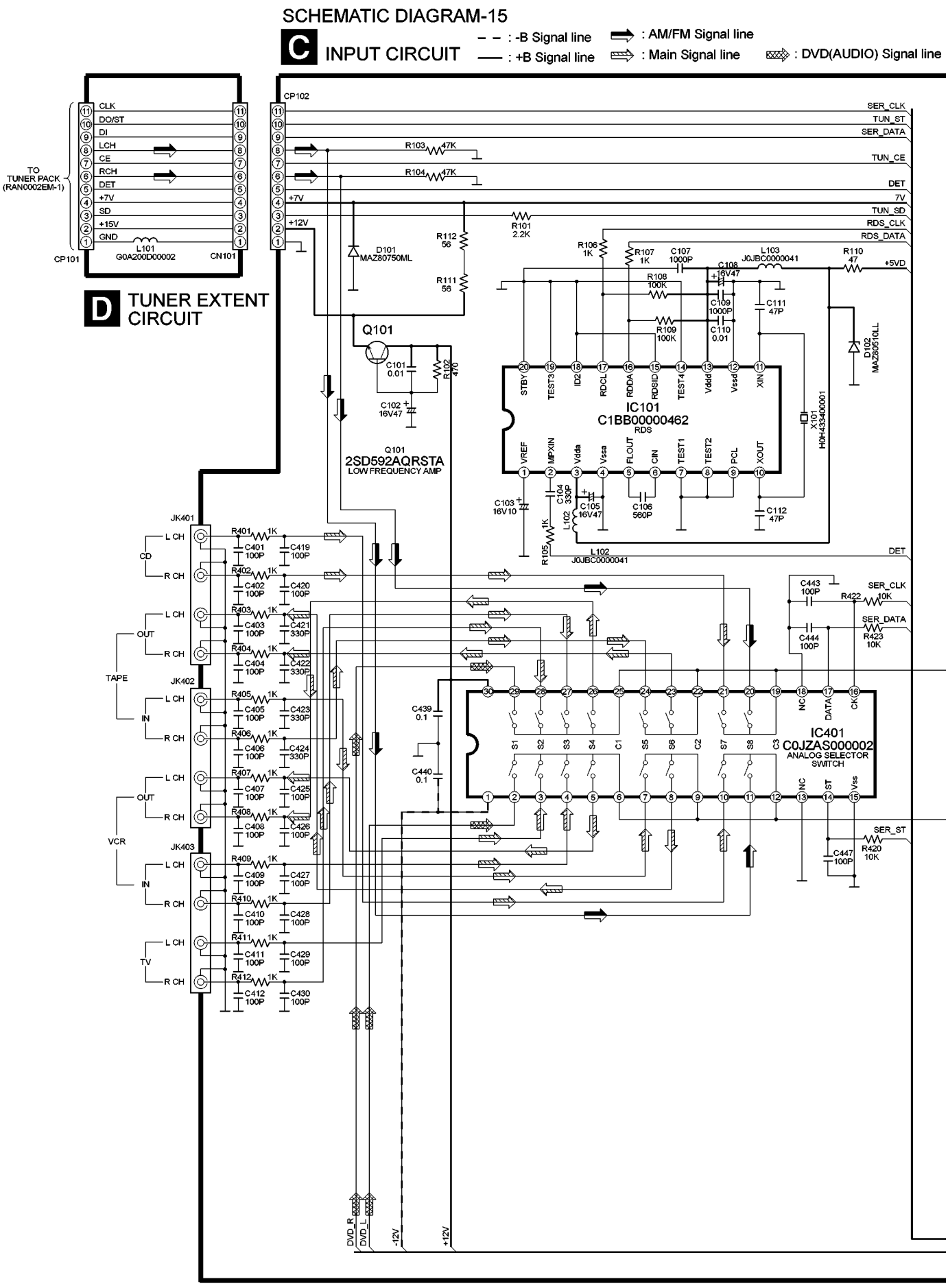


SCHEMATIC DIAGRAM-14

B MAIN CIRCUIT

– – : -B Signal line
—— : +B Signal line
⇨ : Main Signal line

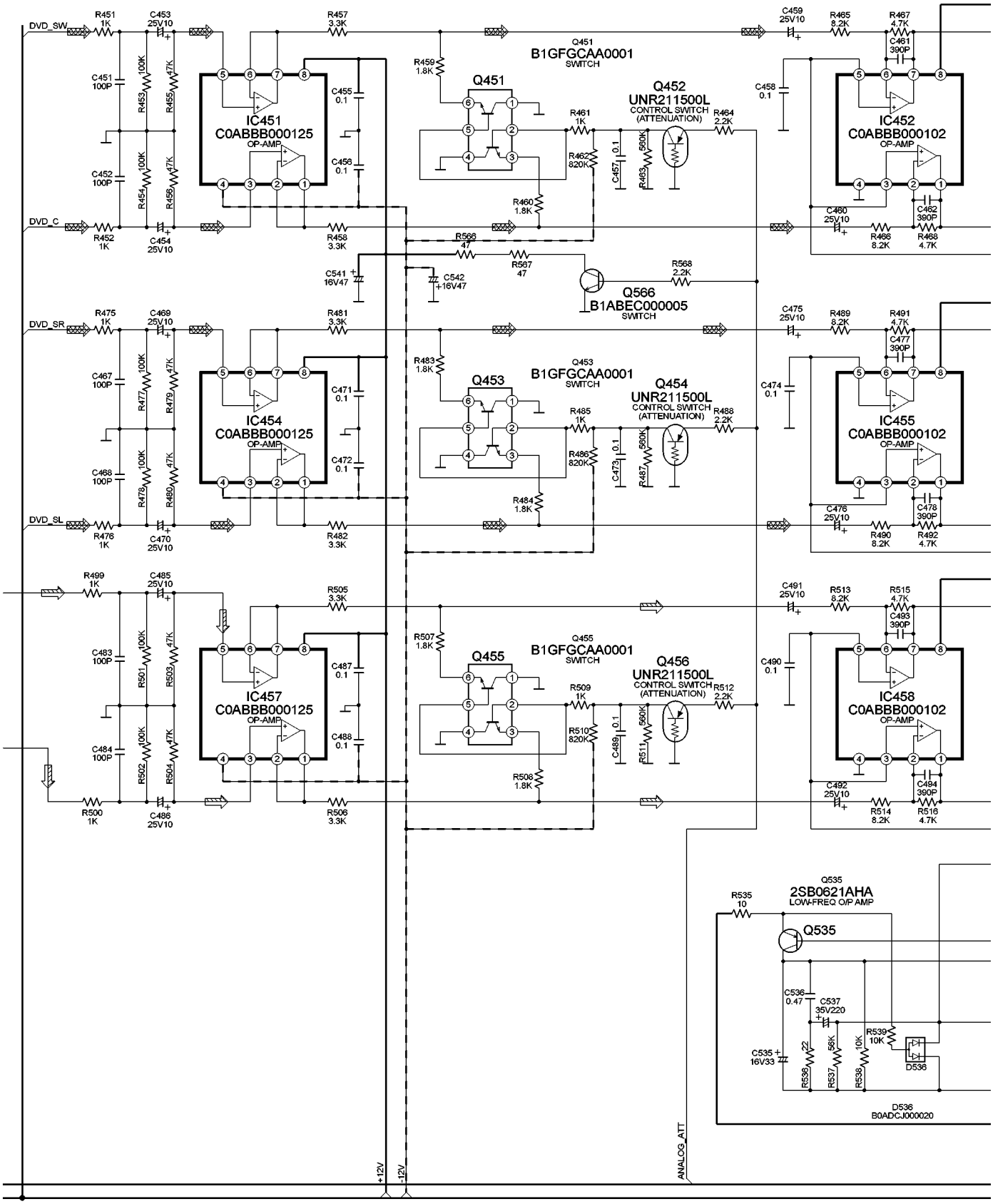



SCHEMATIC DIAGRAM-15
C INPUT CIRCUIT
– – : -B Signal line
—— : +B Signal line
: AM/FM Signal line
: Main Signal line
: DVD(AUDIO) Signal line
D TUNER EXTENT CIRCUIT
TO TUNER PACK (RAN0002EM-1)
CP101
CN101
L101 G0A200D00002
CLK
DO/ST
DI
LCH
CE
RCH
DET
+7V
SD
+15V
GND
CP102
+12V
D101 MAZ80750ML
R112 56
R111 56
R101 2.2K
Q101
2SD592AQRSTA
LOW FREQUENCY AMP
C101 0.01
C102 16V47
R102 470
IC101
C1BB00000462
RDS
STBY
TEST3
ID2
RDCL
RDDA
RDSID
TEST4
Vdd
Vss
XIN
VREF
MPXIN
Vdda
Vssa
FLOUT
CIN
TEST1
TEST2
PCL
XOUT
X101 H0H433400001
R103 47K
R104 47K
R106 1K
R107 1K
C107 1000P
L103 J0JBC0000041
R110 47
+5VD
R108 100K
C108 16V47
C109 1000P
C110 0.01
C111 47P
R109 100K
D102 MAZ8051OLL
C103 16V10
C104 330P
C105 16V47
C106 560P
C112 47P
R105 1K
L102 J0JBC0000041
SER_CLK
TUN_ST
SER_DATA
TUN_CE
DET
7V
TUN_SD
RDS_CLK
RDS_DATA
JK401
JK402
JK403
CD
TAPE
VCR
L CH
R CH
OUT
IN
TV
R401 1K
C401 100P
C419 100P
C439 0.1
C440 0.1
IC401
C0JZAS000002
ANALOG SELECTOR SWITCH
NC
DATA
CK
ST
Vss
C443 100P
R422 10K
C444 100P
R423 10K
C447 100P
R420 10K
DVD_R
DVD_L
-12V
+12V

SCHEMATIC DIAGRAM-16

C INPUT CIRCUIT

– – : -B Signal line
—— : +B Signal line
: DVD(AUDIO) Signal line
: Main Signal line



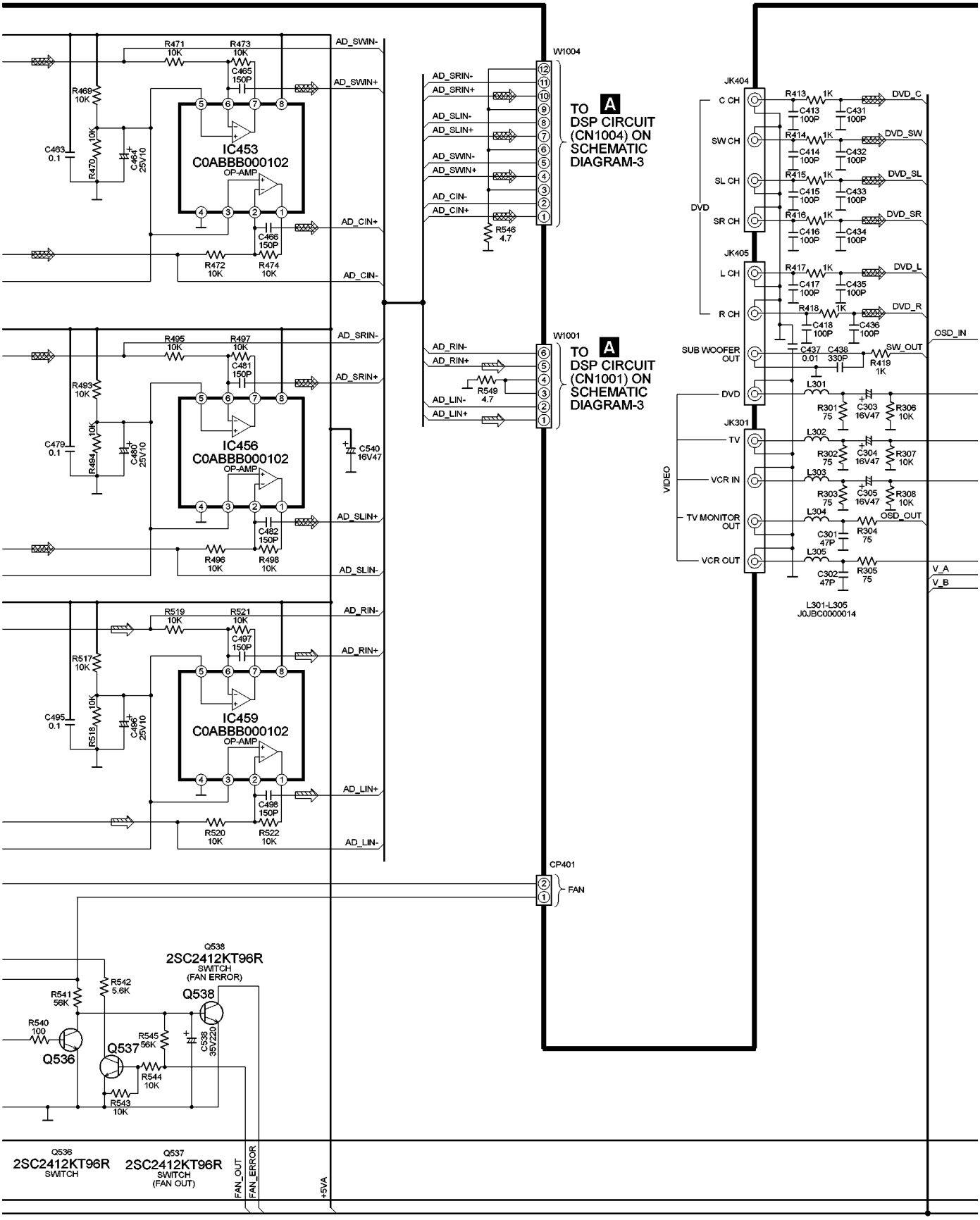
SCHEMATIC DIAGRAM-17

C INPUT CIRCUIT

—— : +B Signal line

: DVD(AUDIO) Signal line

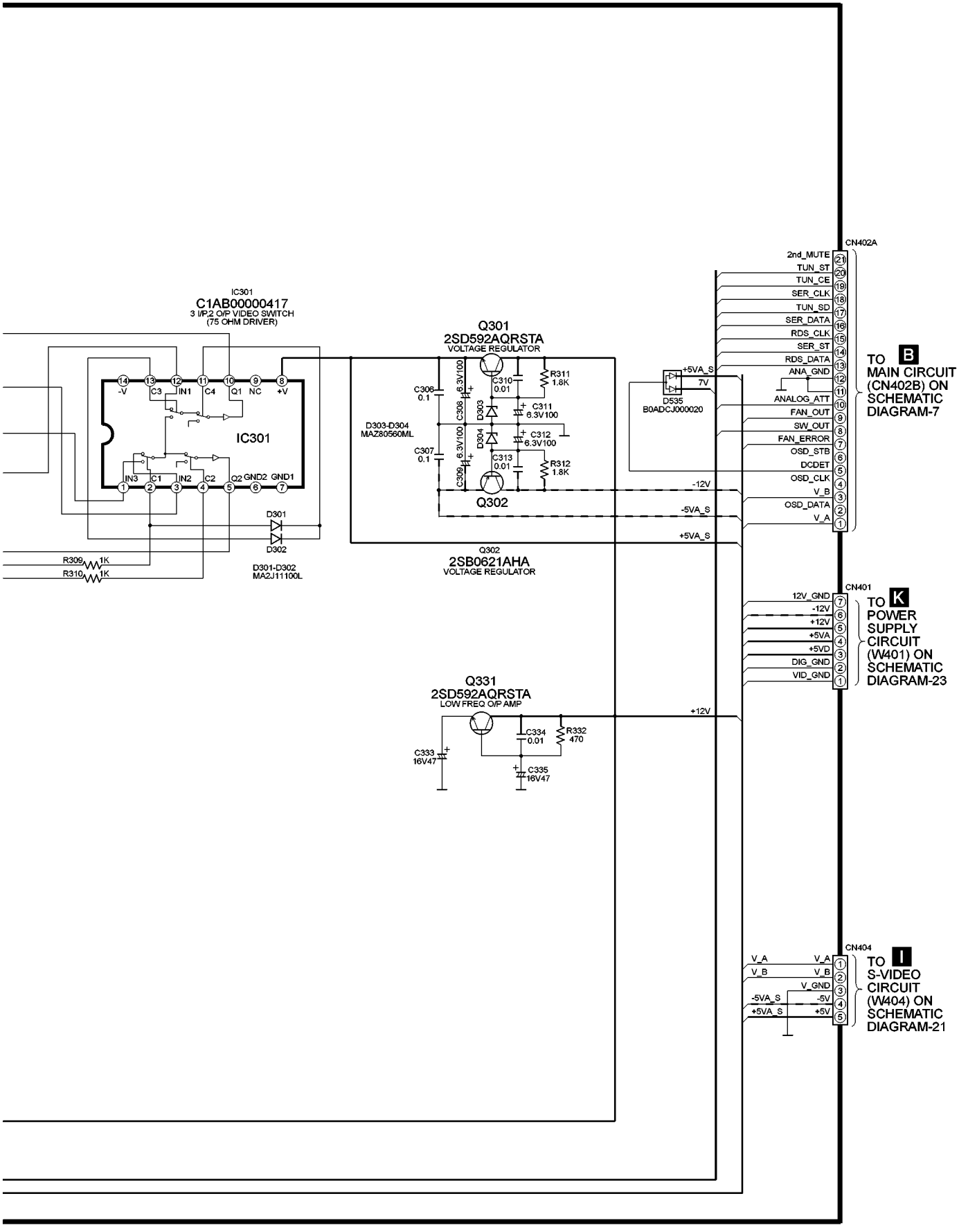
: Main Signal line



SCHEMATIC DIAGRAM-18

C INPUT CIRCUIT

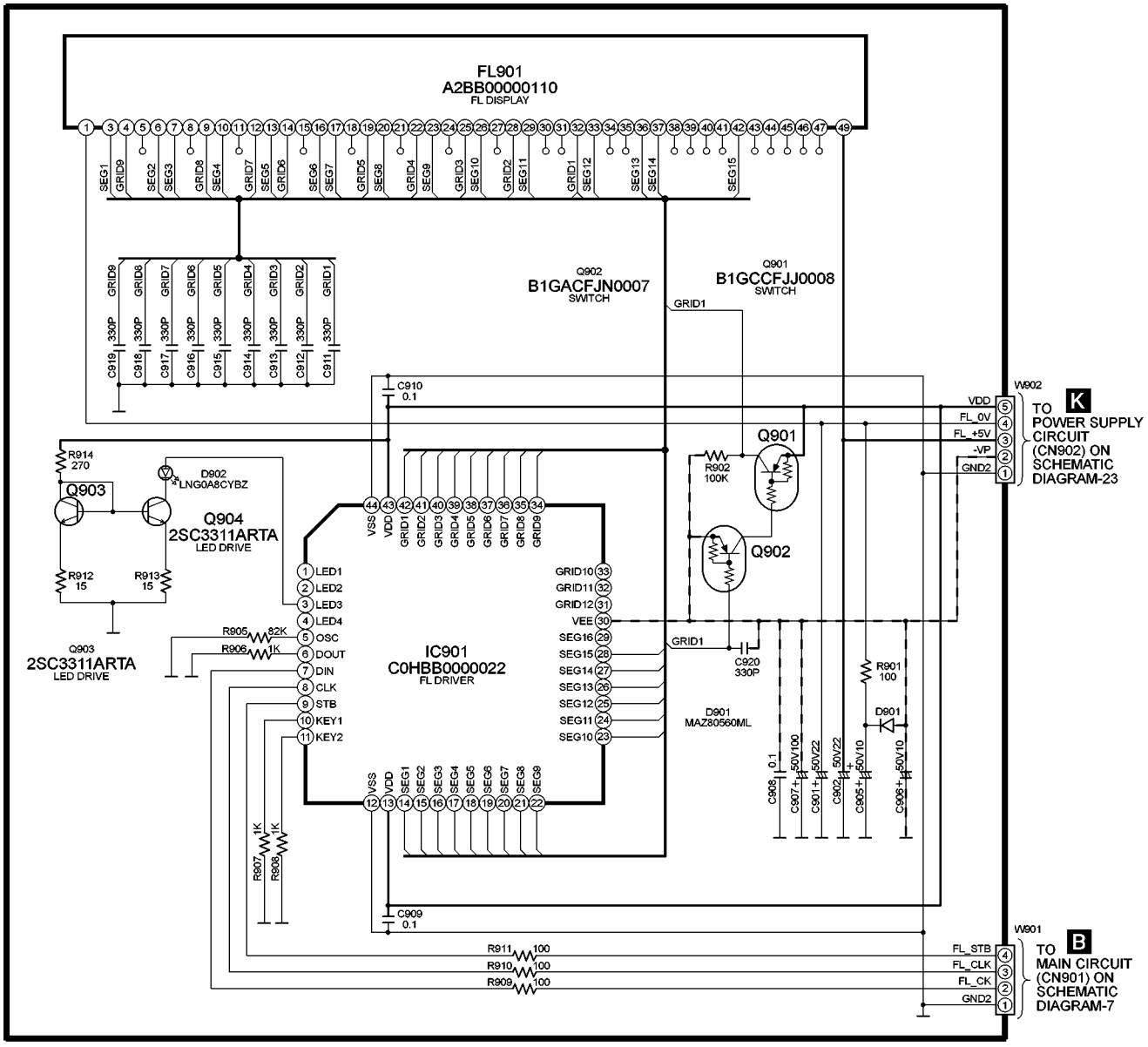
– – : -B Signal line
—— : +B Signal line



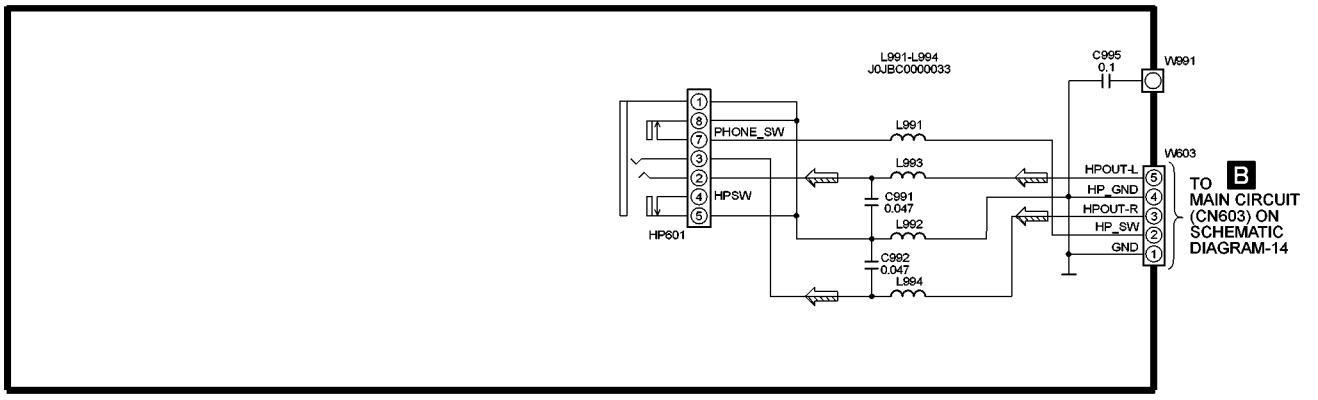
SCHEMATIC DIAGRAM-19

E FL CIRCUIT

– – : -B Signal line
—— : +B Signal line
⇨ : Main Signal line



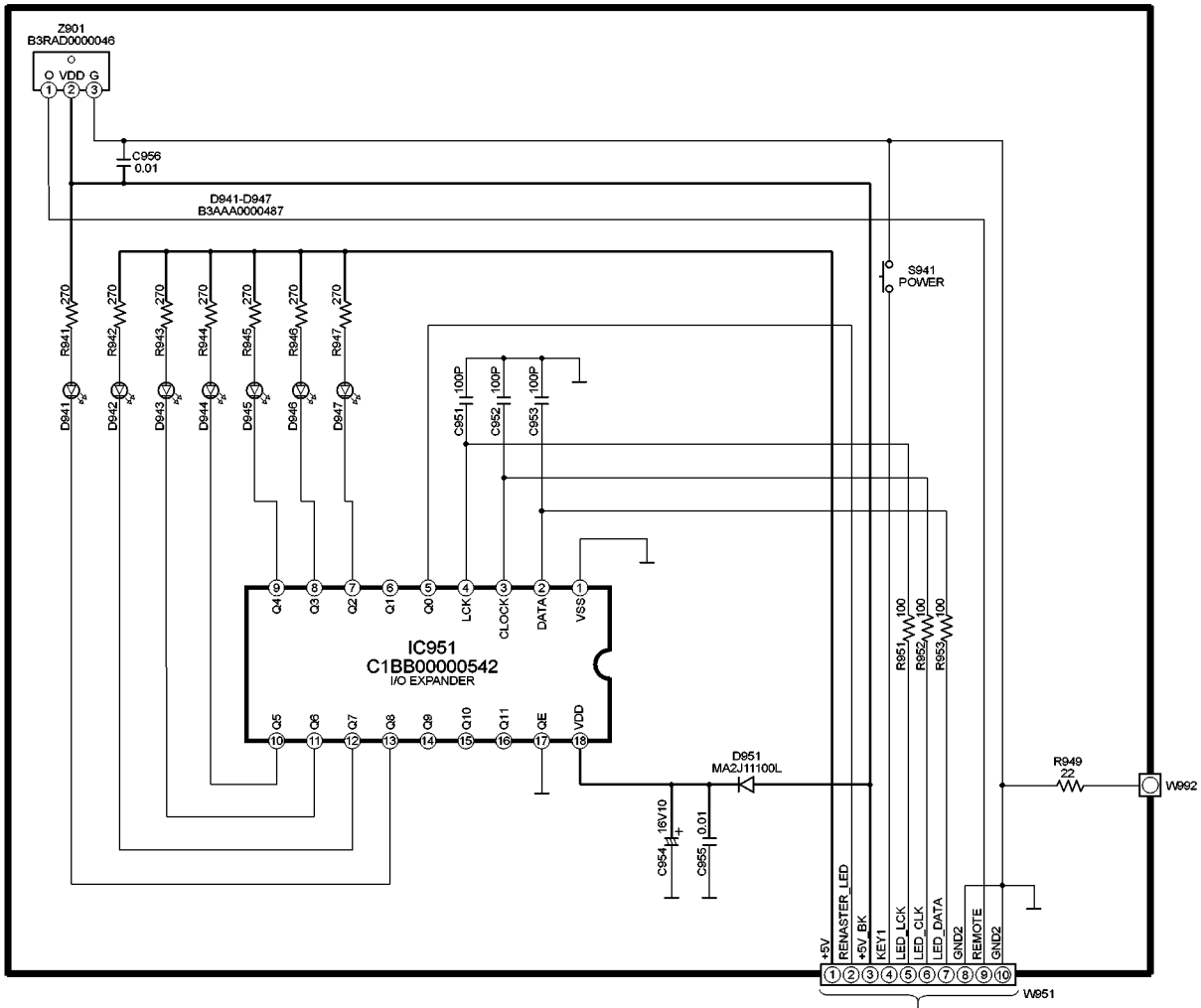
F HEAD PHONE CIRCUIT



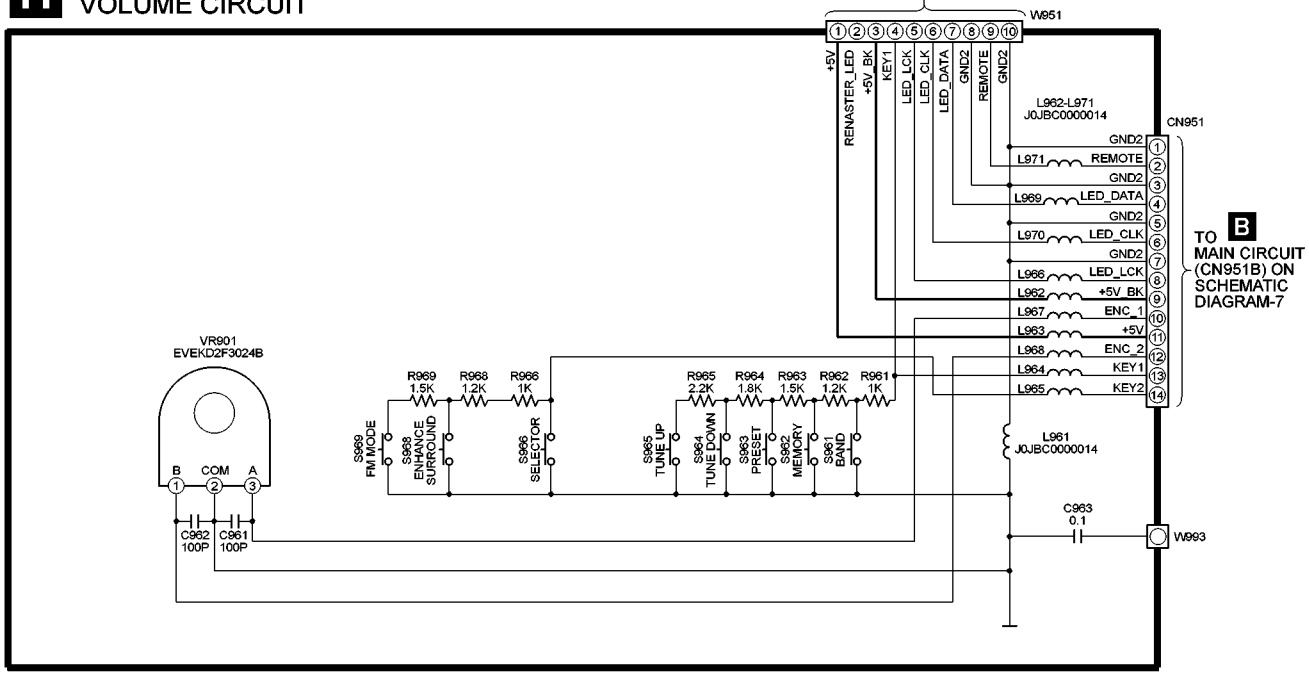
SCHEMATIC DIAGRAM-20

G LED CIRCUIT

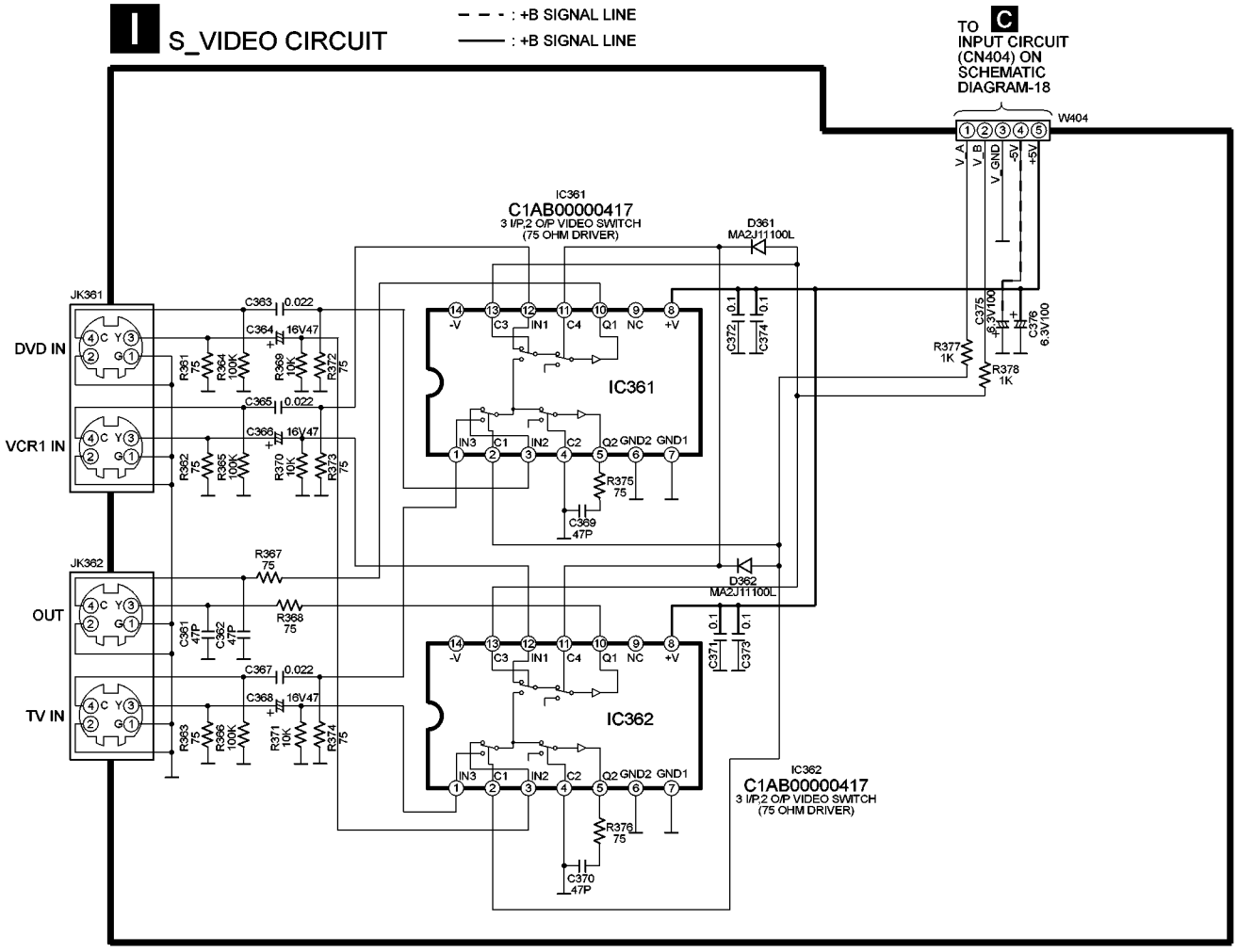
—— : +B Signal line

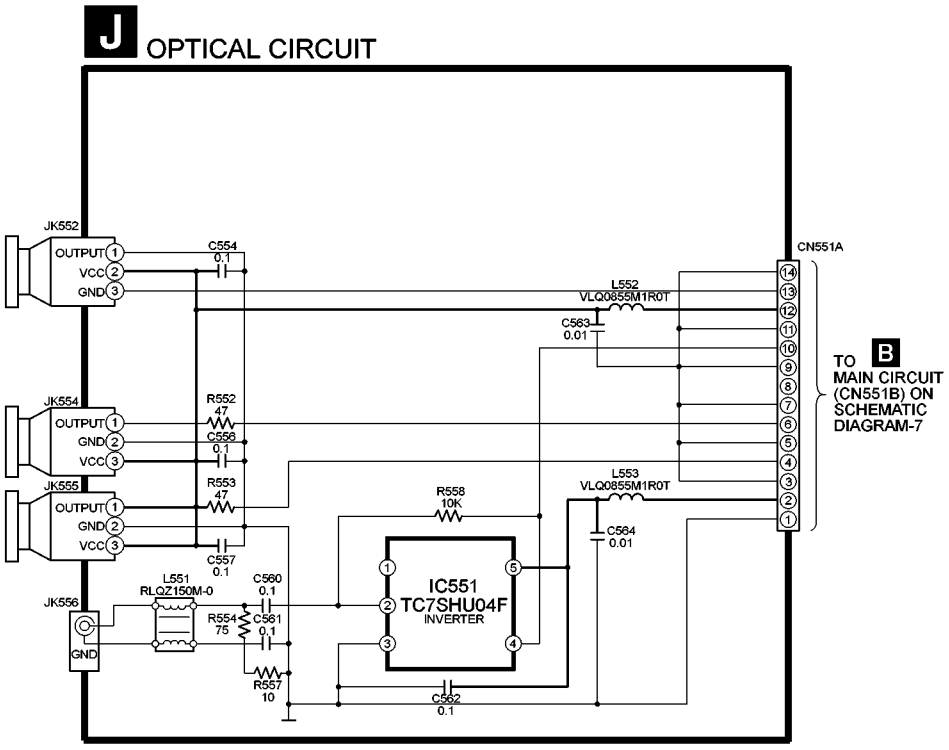


H VOLUME CIRCUIT



SCHEMATIC DIAGRAM-21



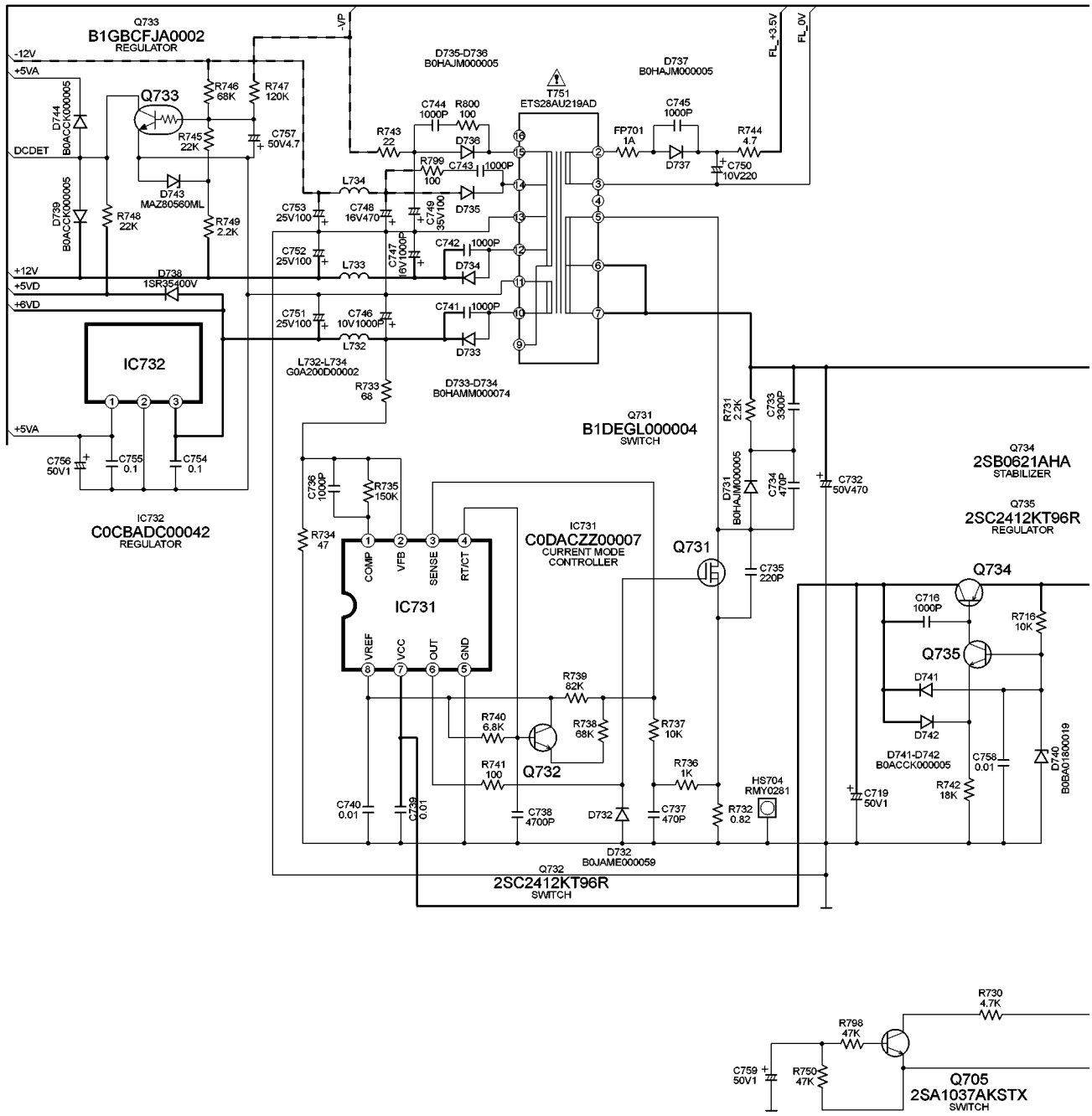


SCHEMATIC DIAGRAM-22

K POWER SUPPLY CIRCUIT

– – : -B Signal line

—— : +B Signal line

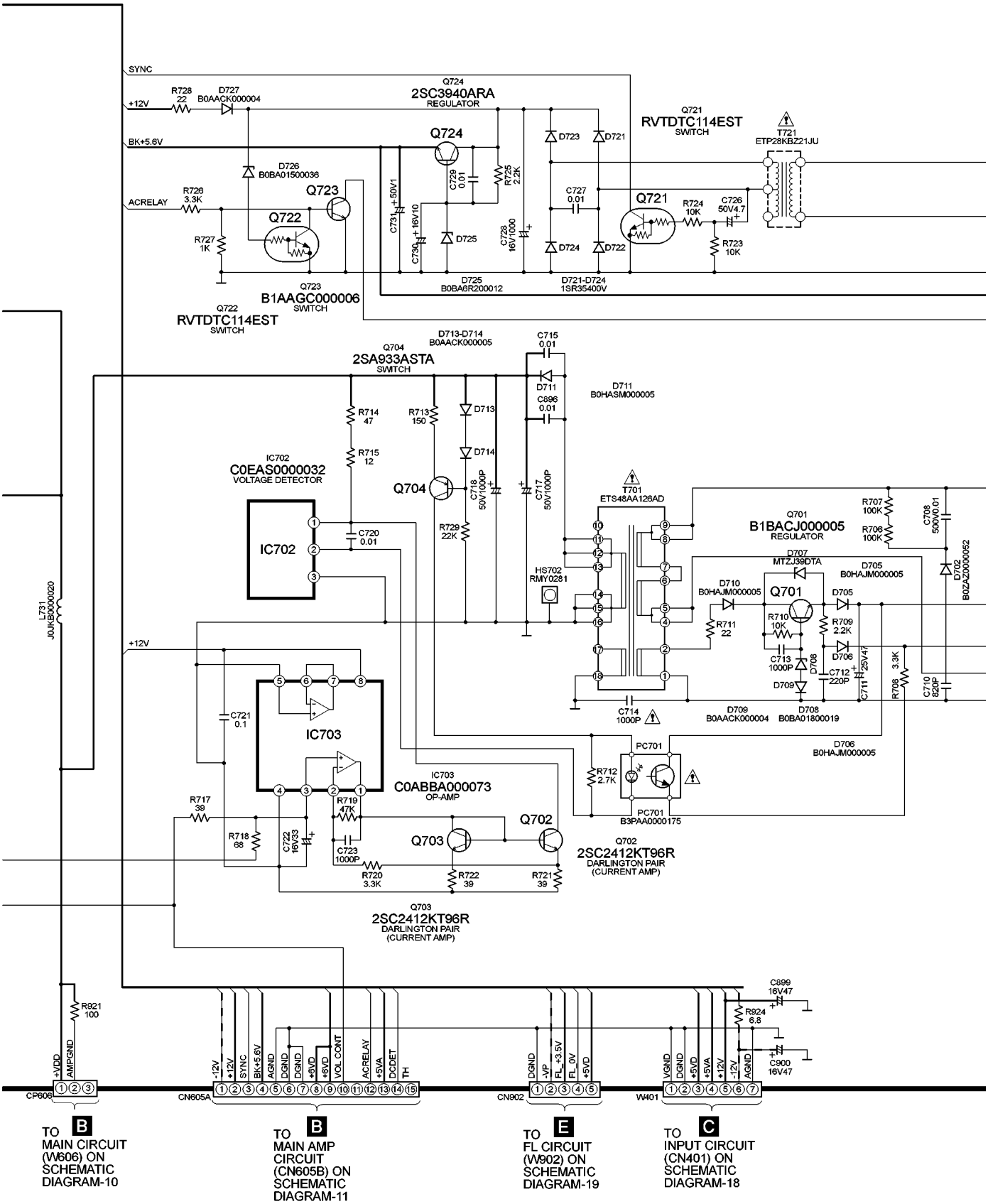


SCHEMATIC DIAGRAM-23

K POWER SUPPLY CIRCUIT

– – : -B Signal line

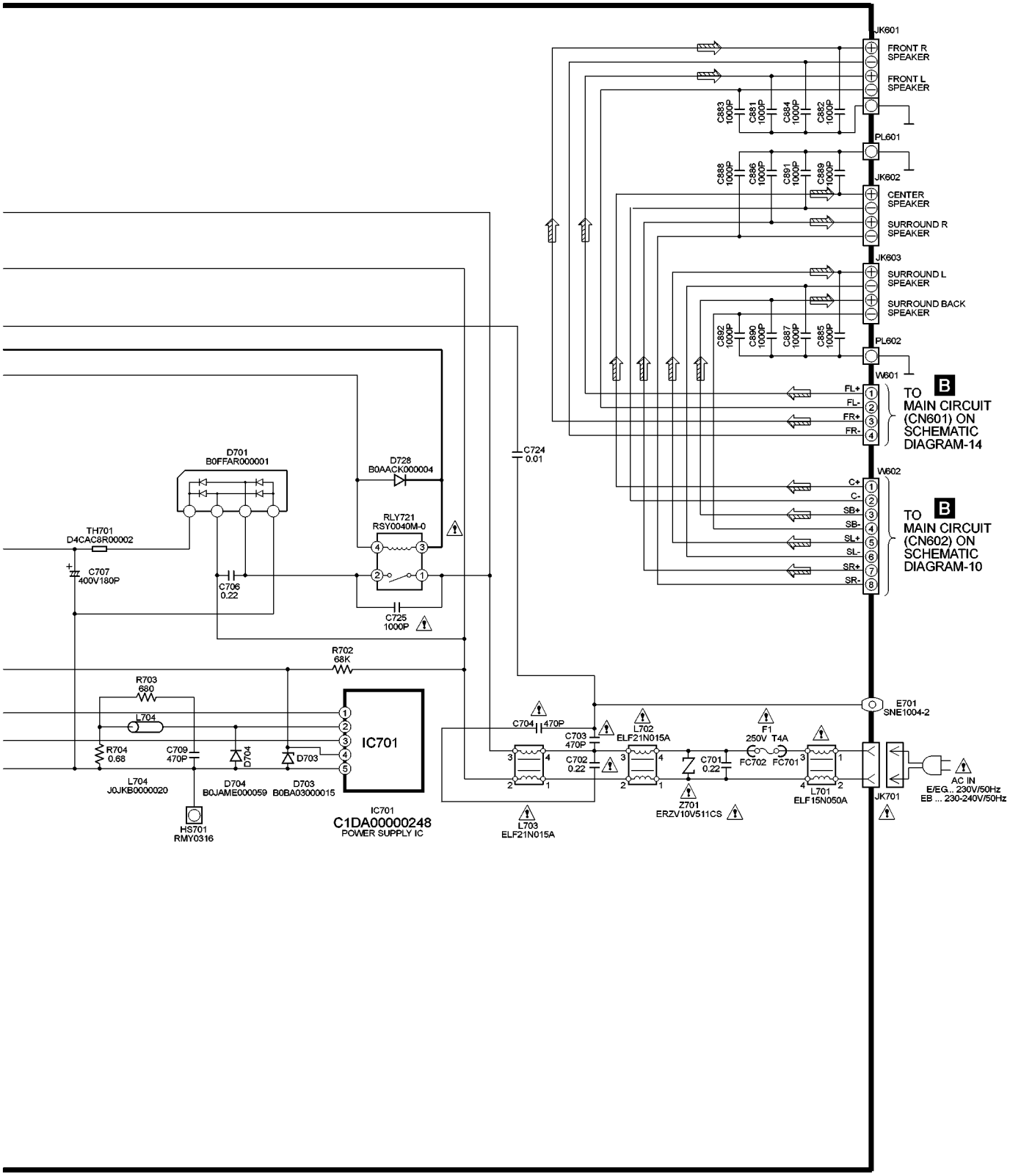
—— : +B Signal line



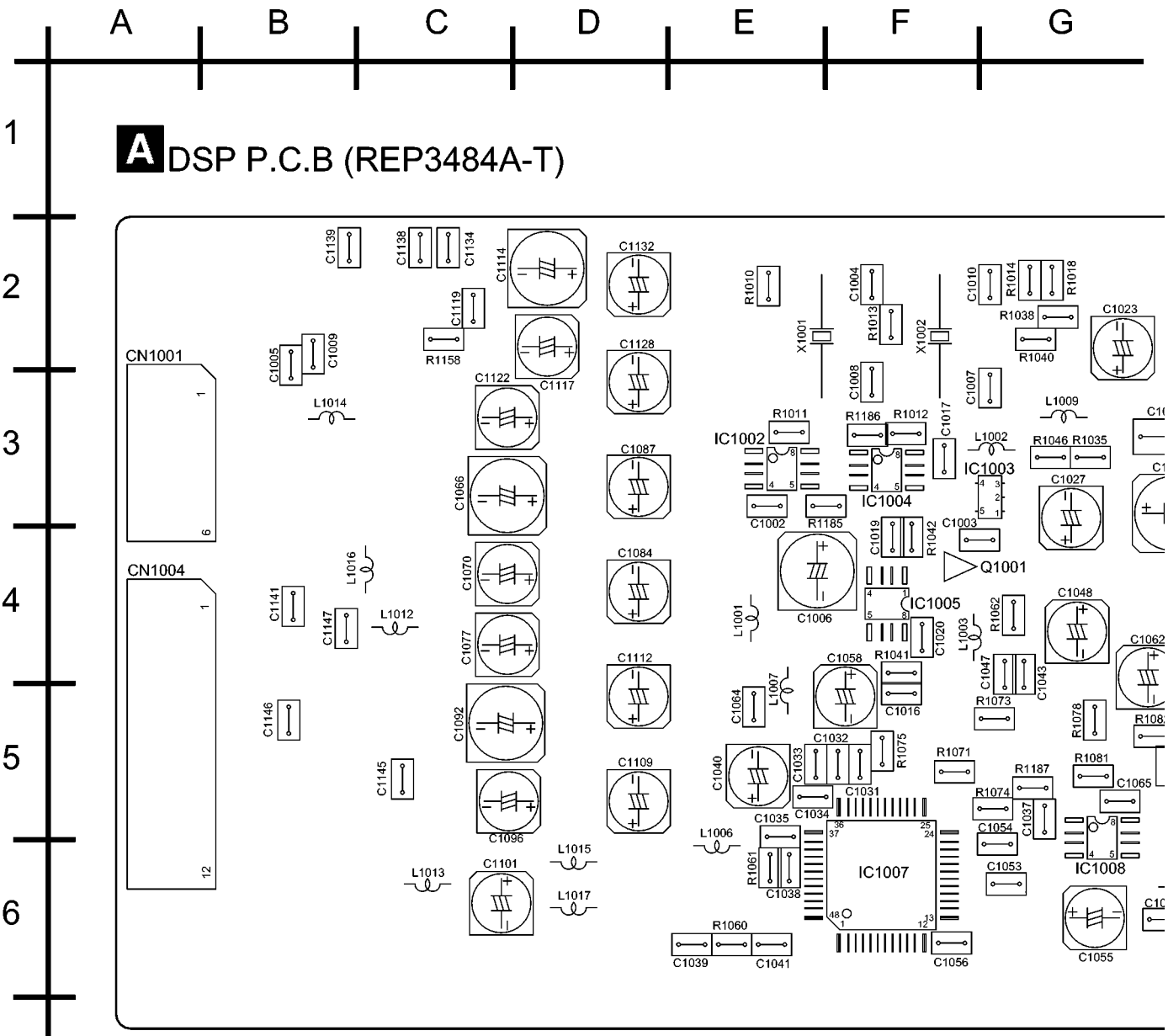
SCHEMATIC DIAGRAM-24

K POWER SUPPLY CIRCUIT

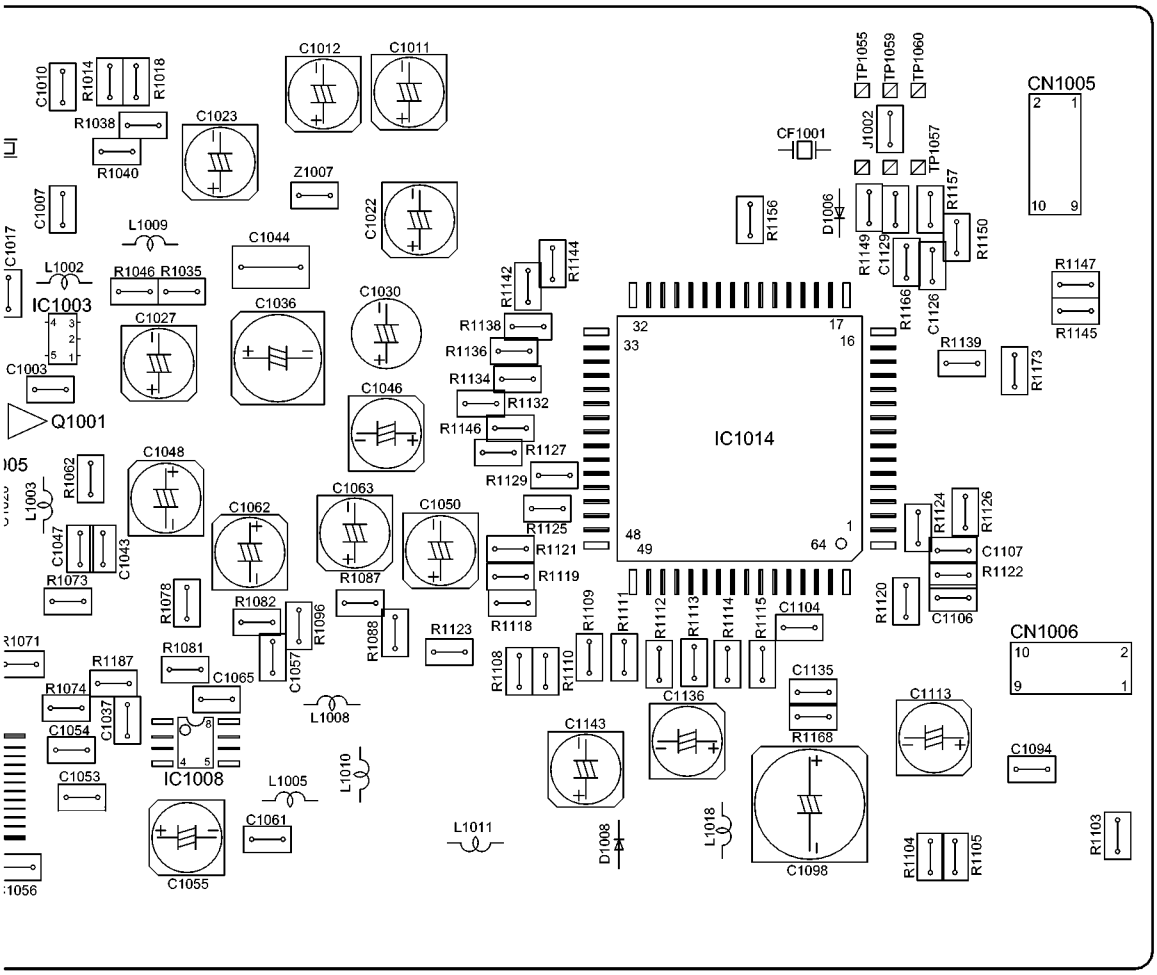
⇒ : Main Signal line
— : +B Signal line



12 Printed Circuit Board Diagram



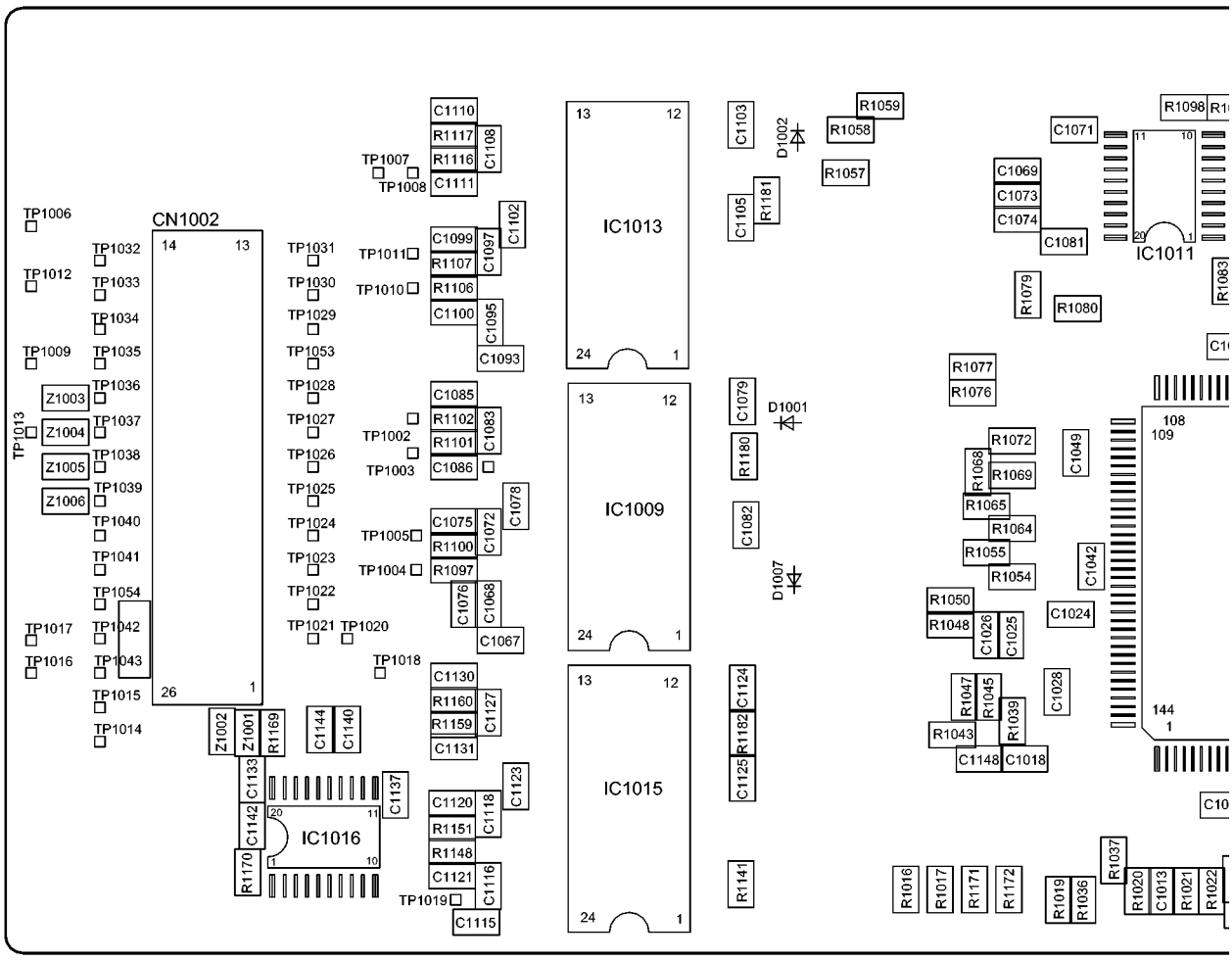
G H I J K L M


C1012
C1011
C1010
R1014
R1018
R1038
R1040
C1023
Z1007
C1007
C1022
L1009
C1044
L1002
R1046 R1035
IC1003
C1027
C1036
C1030
C1003
Q1001
C1046
C1048
R1062
L1003
C1047
C1043
C1062
C1063
C1050
R1073
R1078
R1087
R1082
R1096
C1057
R1088
R1123
R1081
R1187
C1065
R1074
C1037
C1054
IC1008
C1053
L1005
L1010
C1061
C1055
L1011
D1008
L1018
C1098
C1143
C1136
C1135
R1168
C1113
C1094
R1103
R1104
R1105
R1142
R1144
R1138
R1136
R1134
R1132
R1146
R1127
R1129
R1125
R1121
R1119
R1118
R1109
R1111
R1112
R1113
R1114
R1115
C1104
R1108
R1110
IC1014
R1156
D1006
CF1001
TP1055
TP1059
TP1060
J1002
TP1057
R1157
R1149
C1129
R1166
C1126
R1150
CN1005
R1147
R1145
R1139
R1173
R1124
R1126
C1107
R1122
C1106
R1120
CN1006

A B C D E F G

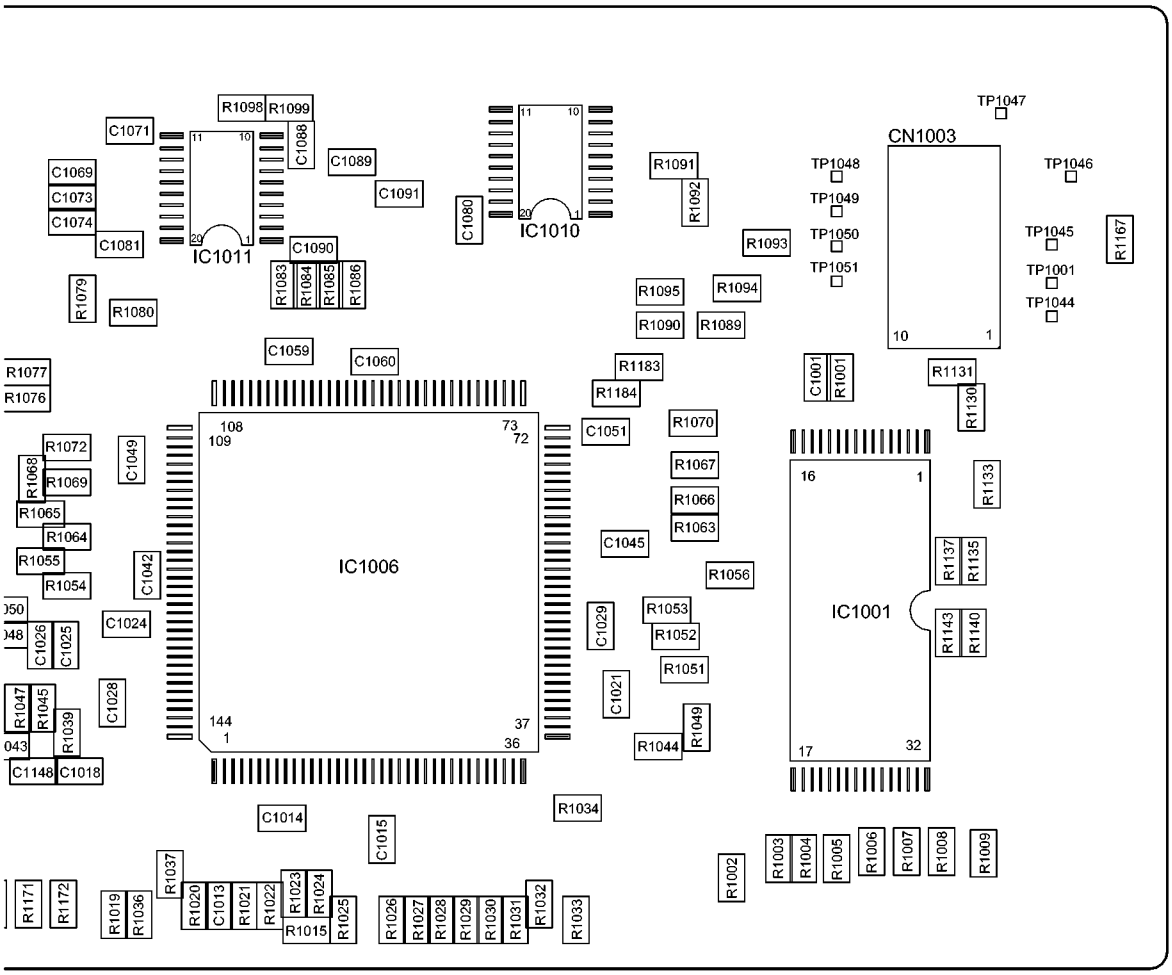
1 2 3 4 5 6 7 8 9

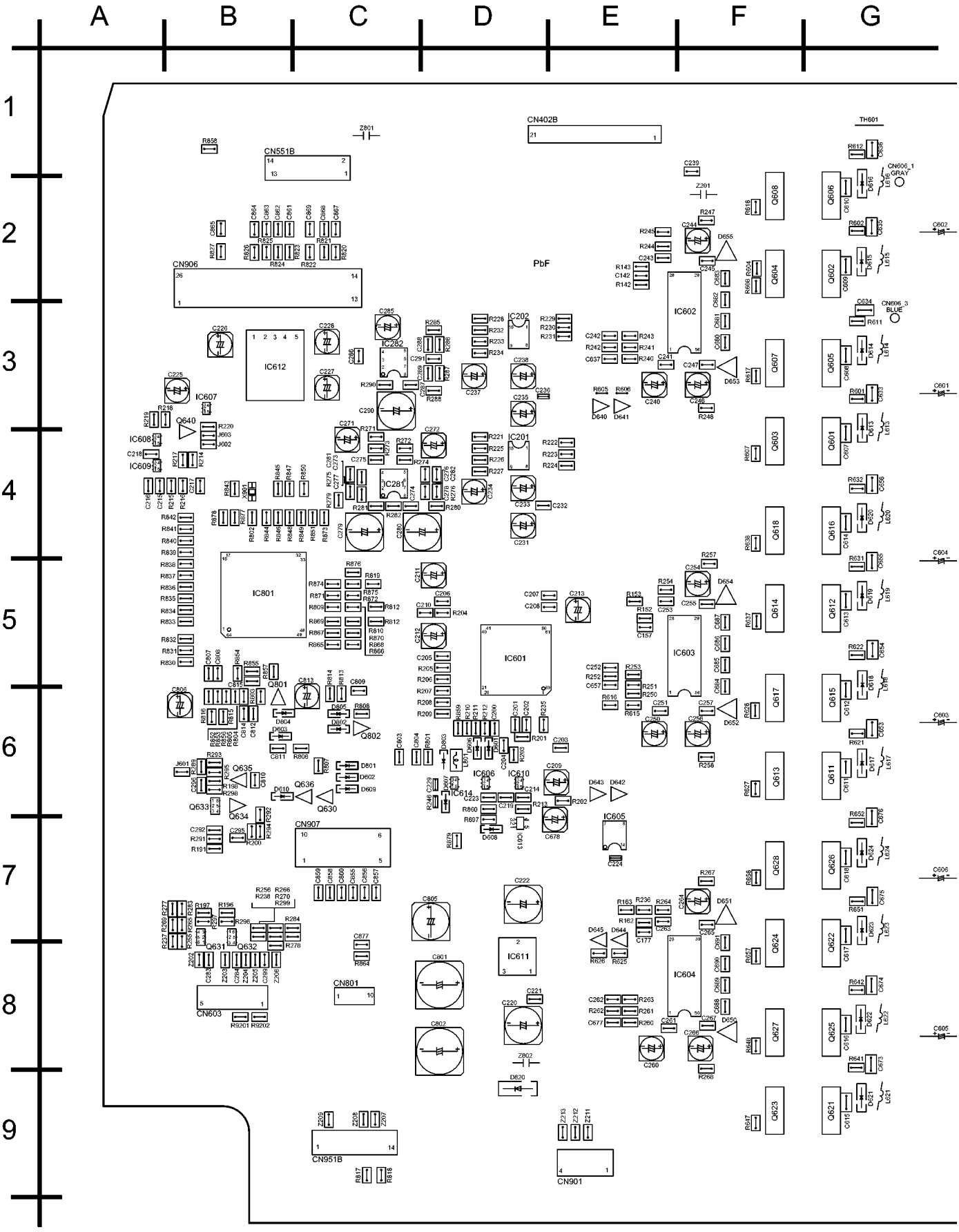
A DSP P.C.B (REP3484A-T)

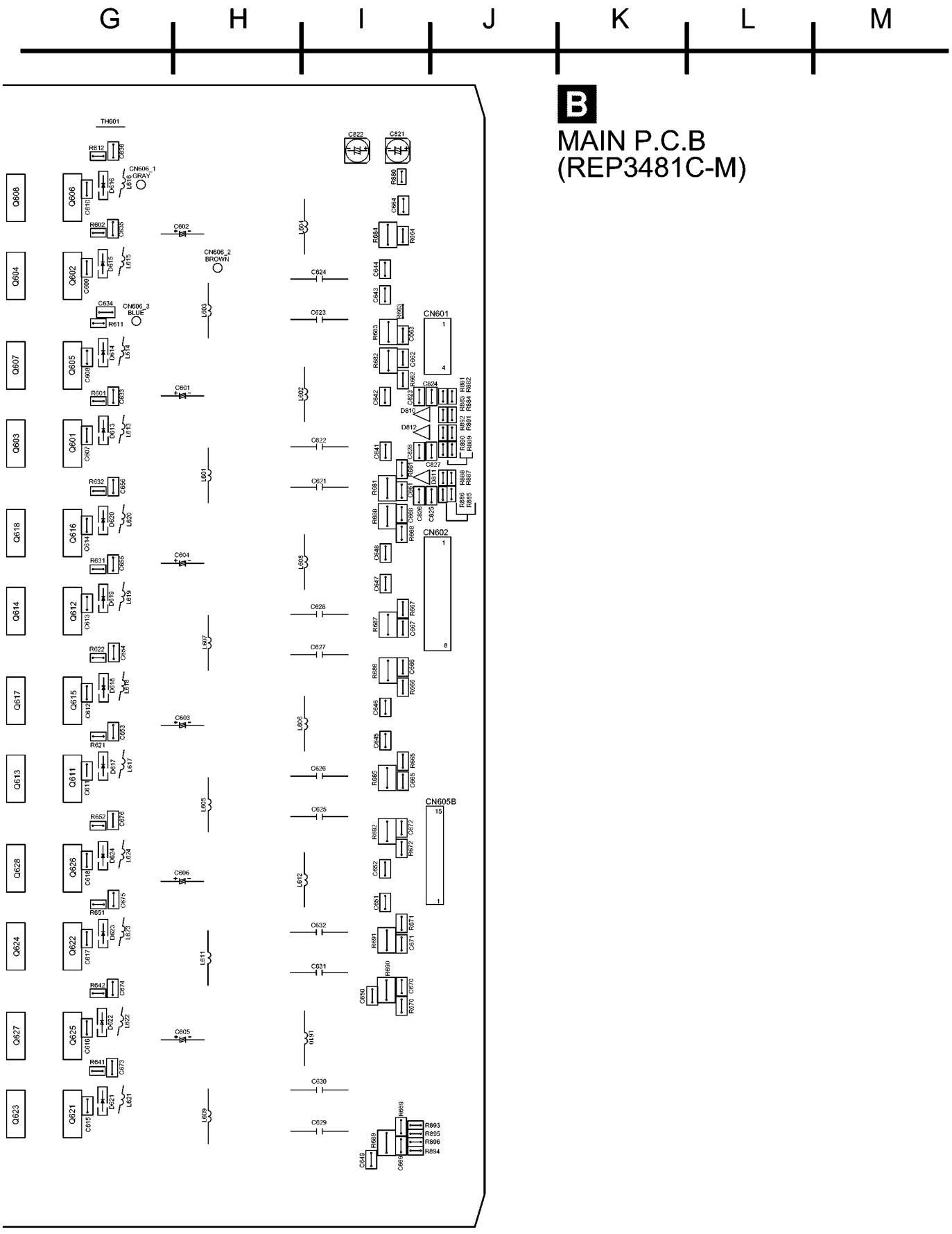


(SIDE B)

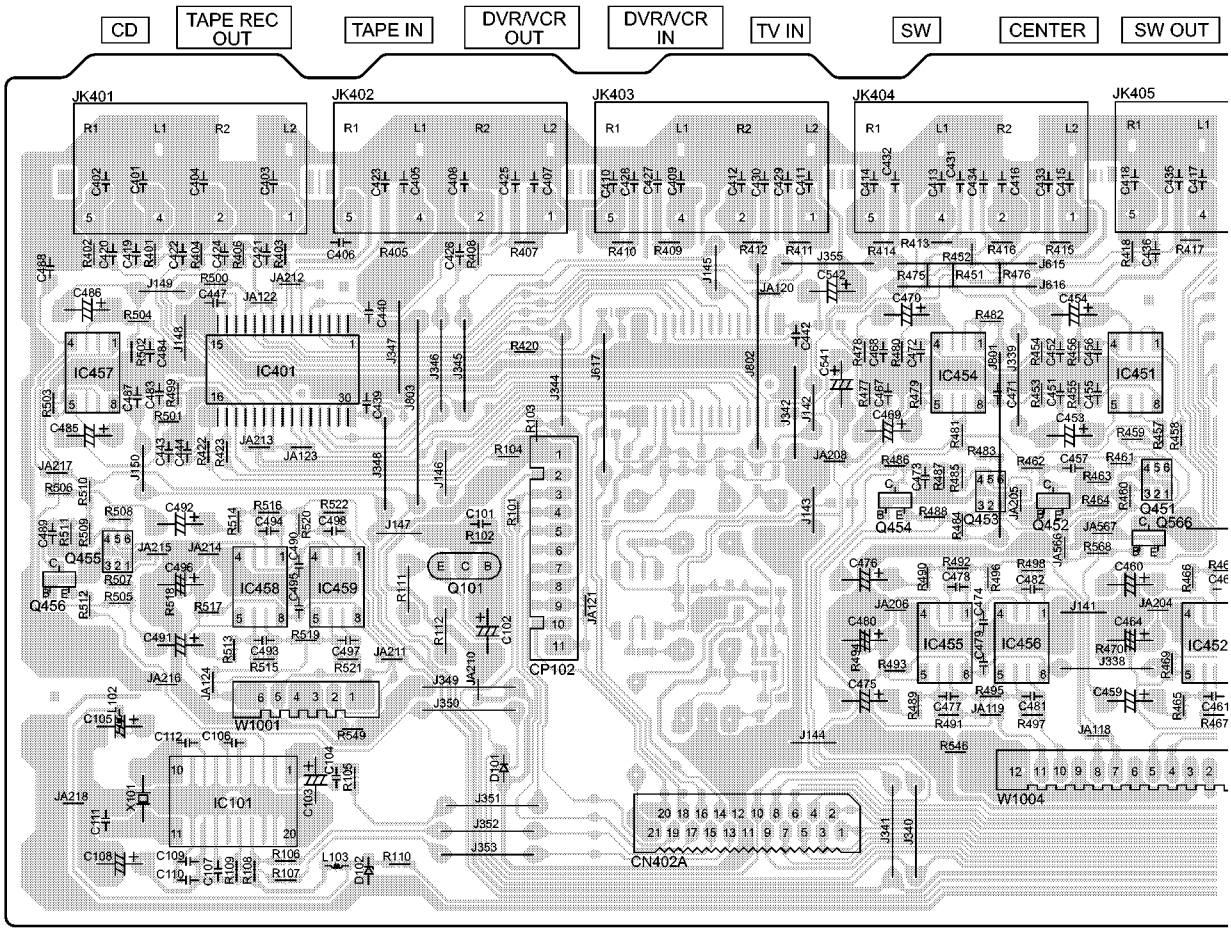
G H I J K L M


R1098
R1099
C1071
C1088
C1089
C1069
C1073
C1074
C1081
C1091
C1090
IC1011
IC1010
C1080
R1083
R1084
R1085
R1086
R1079
R1080
R1091
R1092
R1093
R1095
R1094
R1090
R1089
TP1047
CN1003
TP1048
TP1049
TP1050
TP1051
TP1046
TP1045
TP1001
TP1044
R1167
C1059
C1060
R1077
R1076
R1183
R1184
C1001
R1001
R1131
R1130
C1051
R1070
R1072
R1068
R1069
C1049
R1067
R1065
R1066
R1064
R1063
C1045
R1055
C1042
IC1006
R1056
R1054
IC1001
R1133
R1137
R1135
C1024
C1029
R1053
R1143
R1140
C1026
C1025
R1052
R1051
C1028
C1021
R1047
R1045
R1039
R1049
R1044
C1148
C1018
R1034
C1014
C1015
R1037
R1003
R1004
R1005
R1006
R1007
R1008
R1009
R1002
R1171
R1172
R1019
R1036
R1020
C1013
R1021
R1022
R1023
R1024
R1015
R1025
R1026
R1027
R1028
R1029
R1030
R1031
R1032
R1033

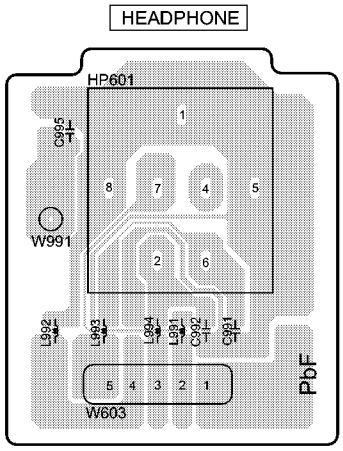

A
B
C
D
E
F
G
1
2
3
4
5
6
7
8
9
CN906
CN551B
CN402B
CN907
CN603
CN801
CN951B
CN901
TH601
IC607
IC608
IC609
IC612
IC282
IC281
IC202
IC201
IC801
IC601
IC602
IC603
IC604
IC606
IC610
IC614
IC611
IC605
PbF


G
H
I
J
K
L
M
B
MAIN P.C.B
(REP3481C-M)
TH601
CN606_1
GRAY
CN606_2
BROWN
CN606_3
BLUE
CN601
CN602
CN605B
Q608
Q606
Q604
Q602
Q607
Q605
Q603
Q601
Q618
Q616
Q614
Q612
Q617
Q615
Q613
Q611
Q628
Q626
Q624
Q622
Q627
Q625
Q623
Q621

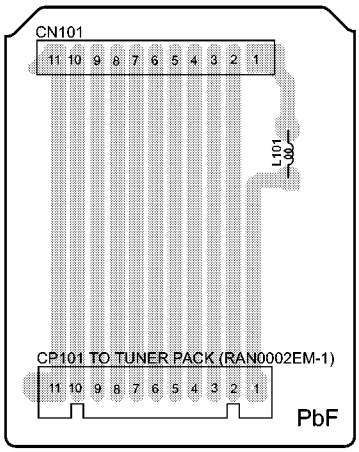
C INPUT P.C.B (REP3482B-S)



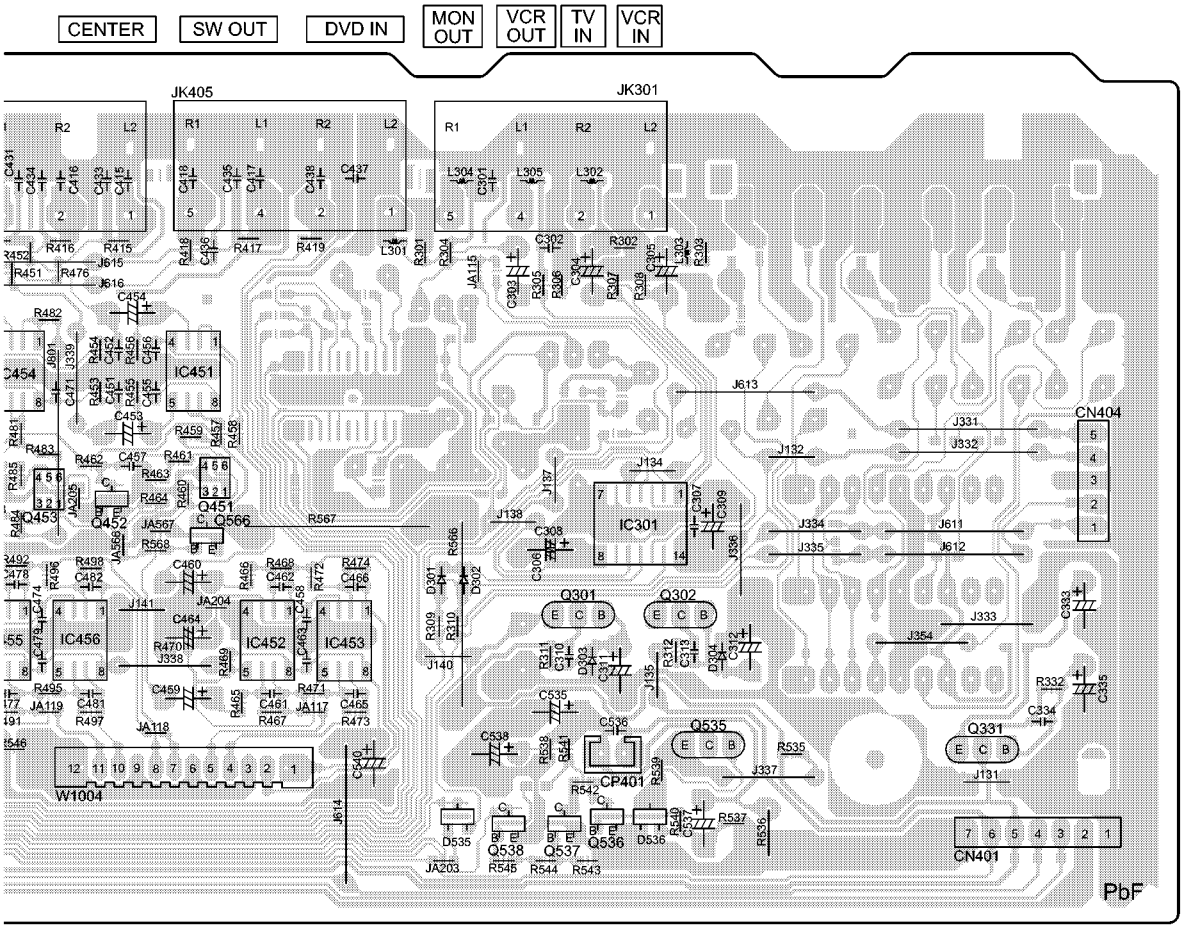
F HEADPHONE P.C.B (REP3482B-S)



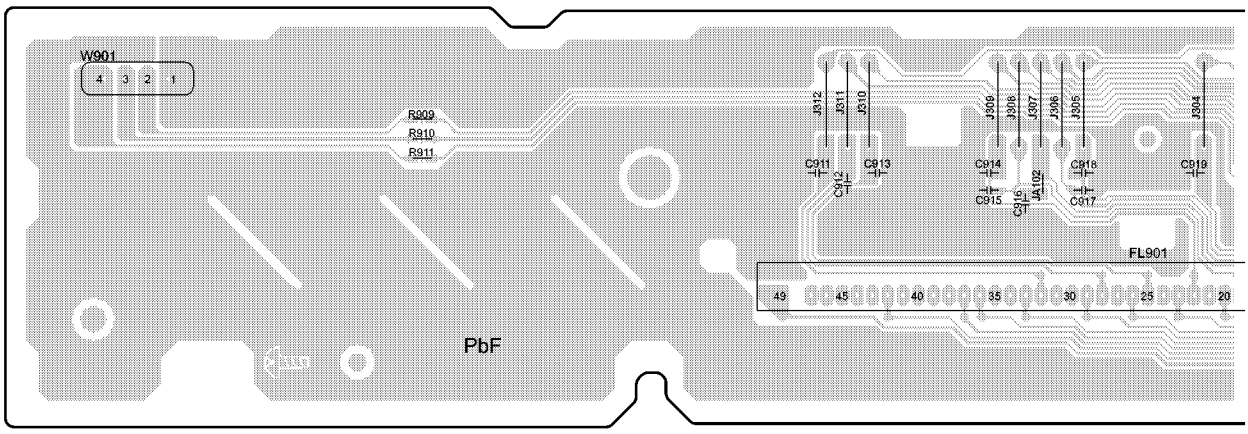
D TUNER EXTENT P.C.B (REP3482B-S)



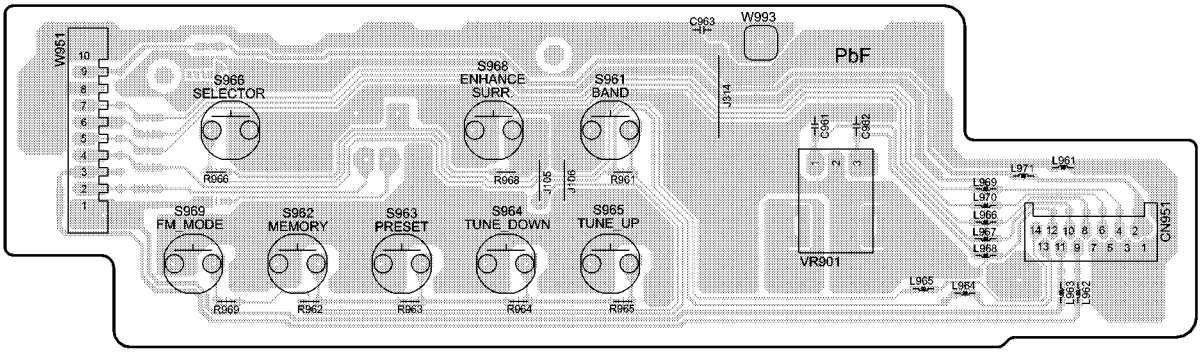
G H I J K L M


CENTER
SW OUT
DVD IN
MON OUT
VCR OUT
TV IN
VCR IN
JK405
JK301
IC451
IC456
IC452
IC453
IC301
Q451
Q452
Q453
Q566
Q301
Q302
Q535
Q331
Q538
Q537
Q536
CP401
W1004
CN404
CN401
PbF

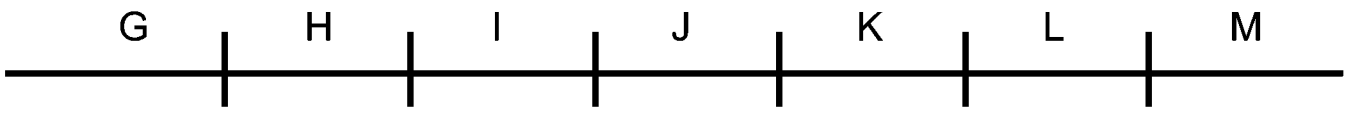
E FL DISPLAY P.C.B (REP3482B-S)

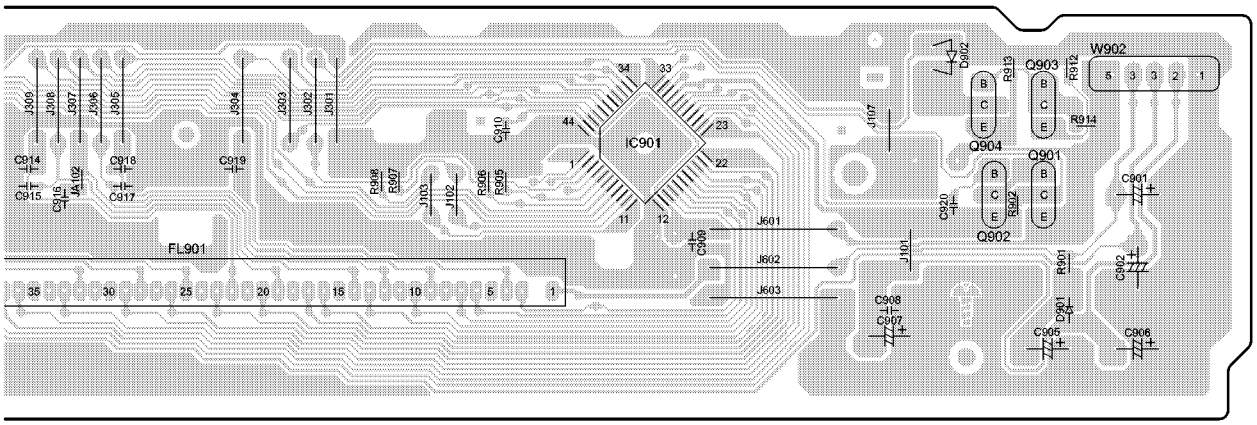


H VOLUME P.C.B (REP3482B-S)

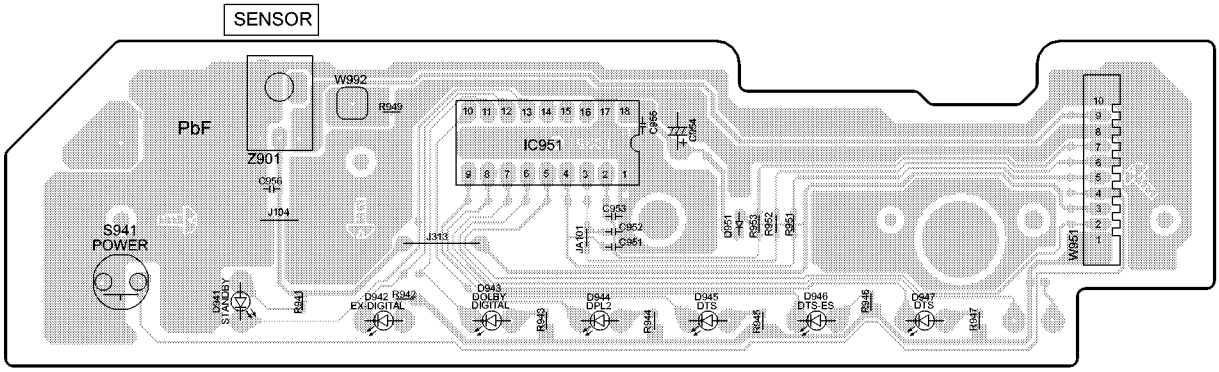


VOLUME





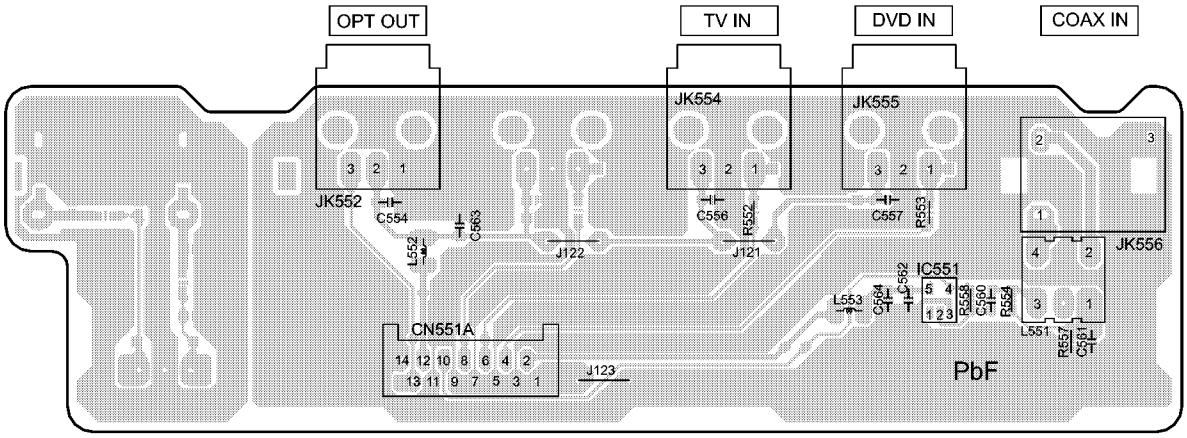
G LED P.C.B (REP3482B-S)



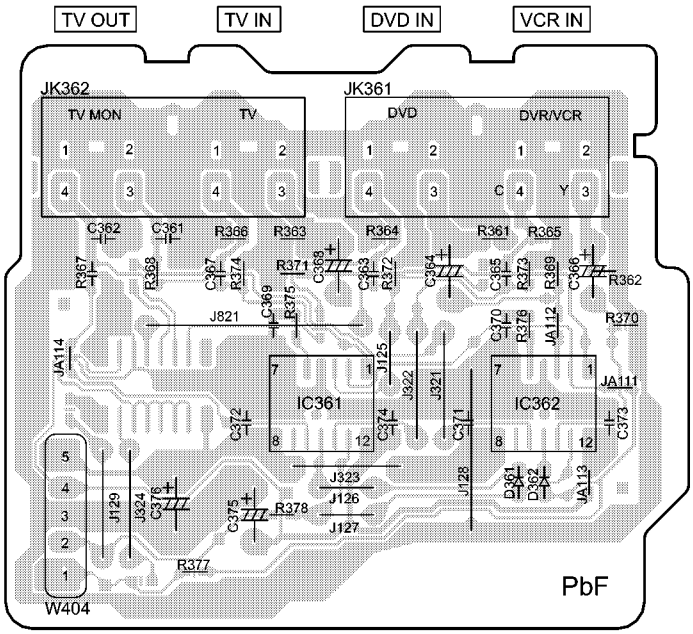
A B C D E F G

1 2 3 4 5 6 7 8 9

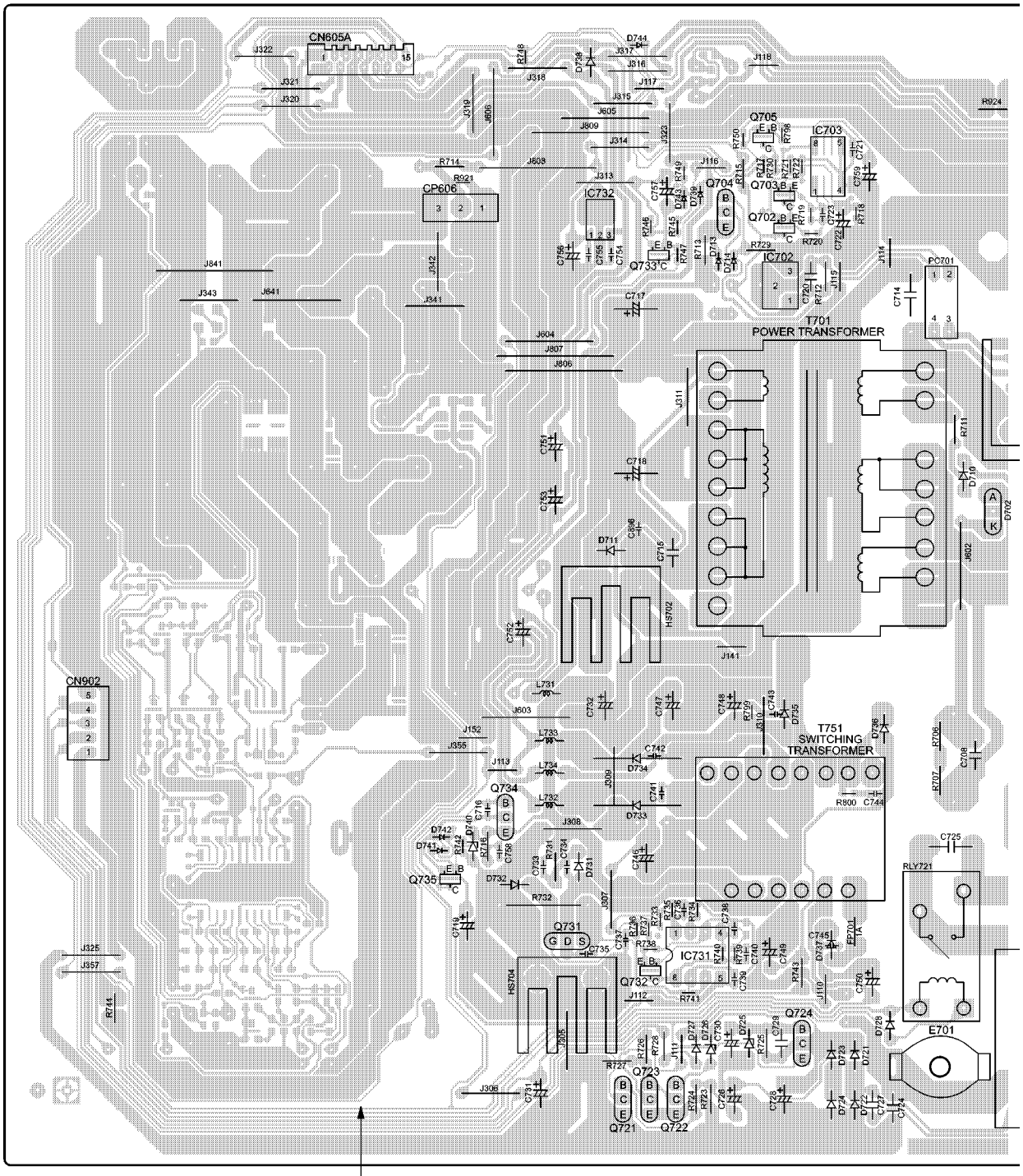
J OPTICAL P.C.B (REP3482B-S)



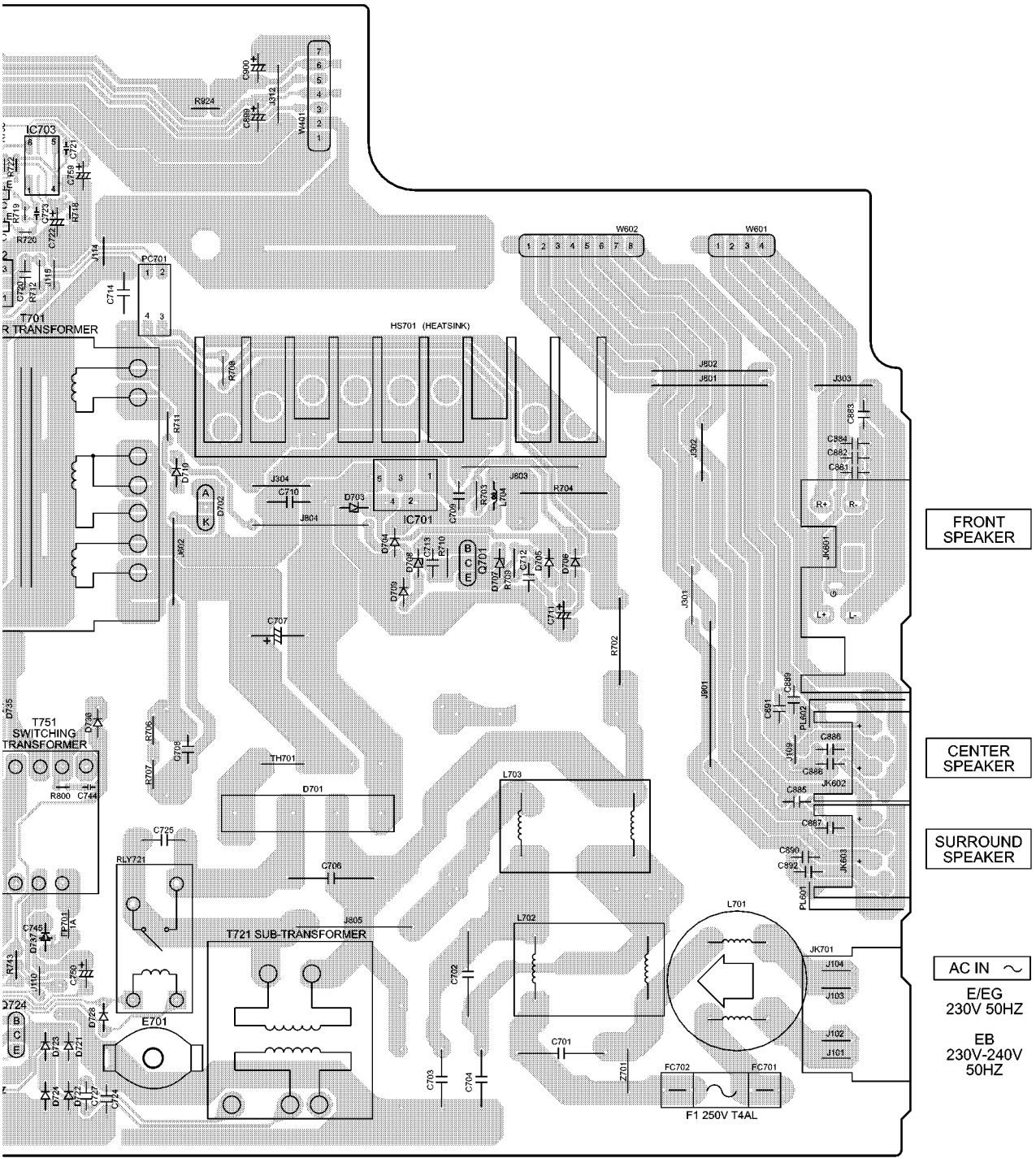
I S_VIDEO P.C.B (REP3482B-S)



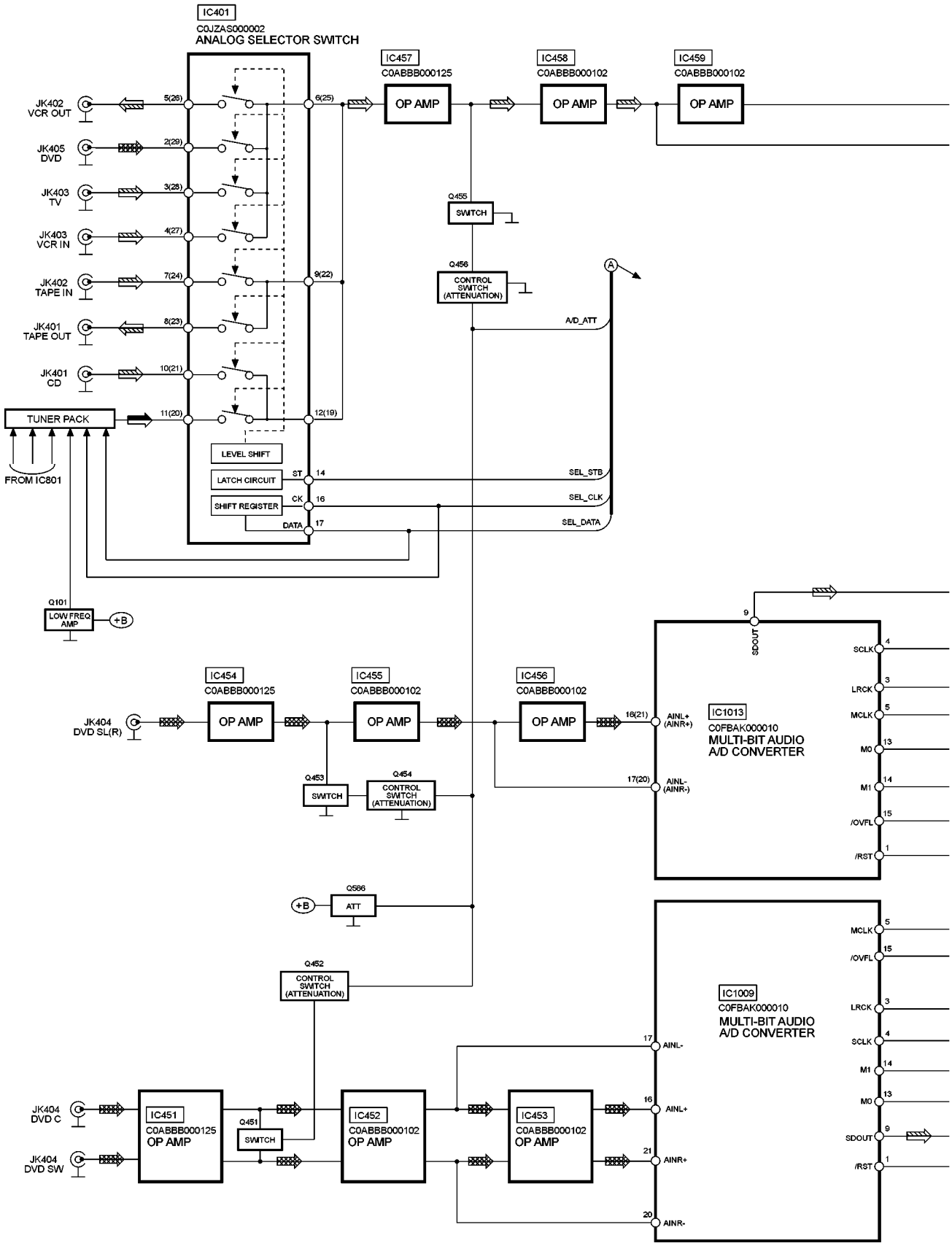
K POWER SUPPLY P.C.B (REP3483B-P)

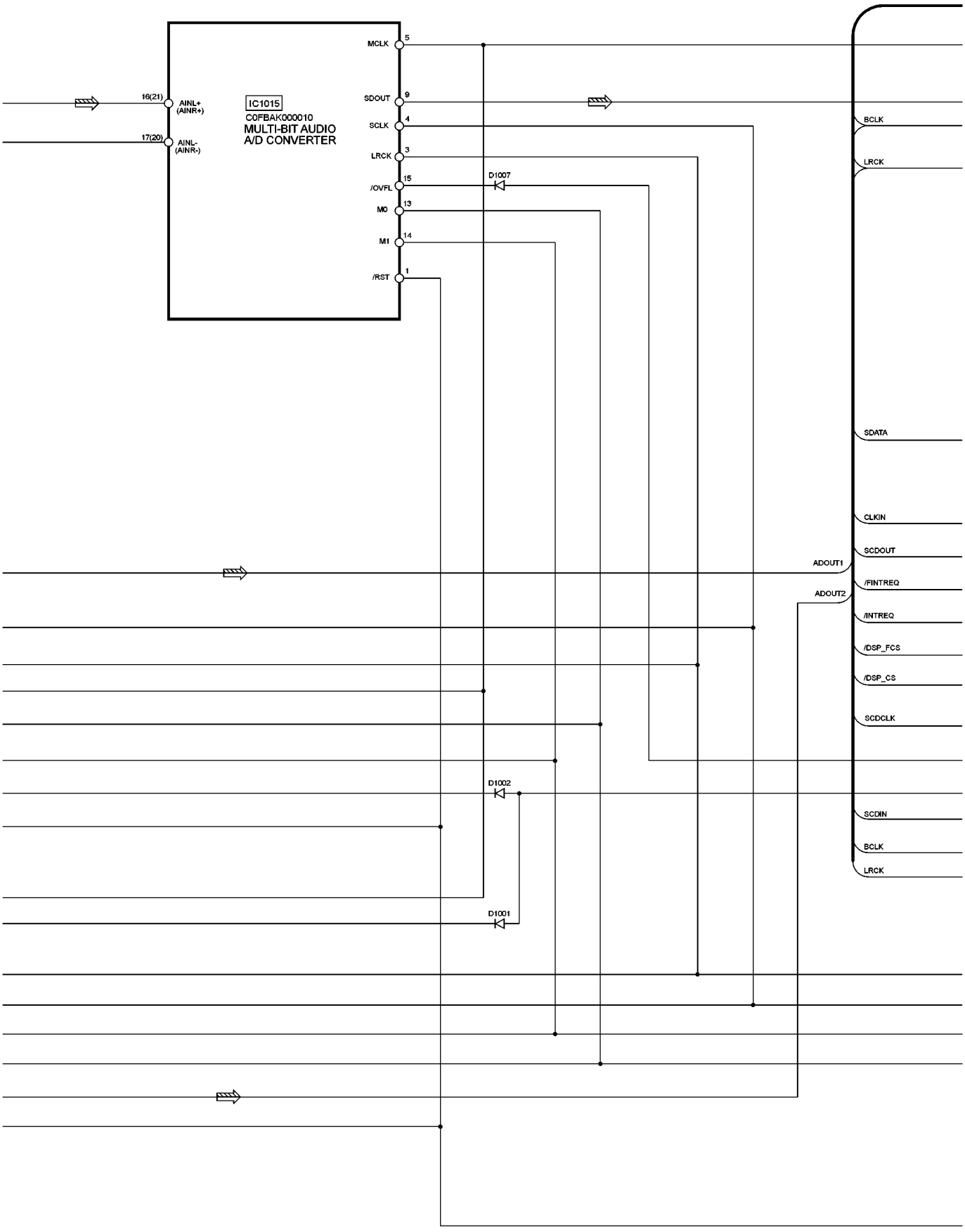


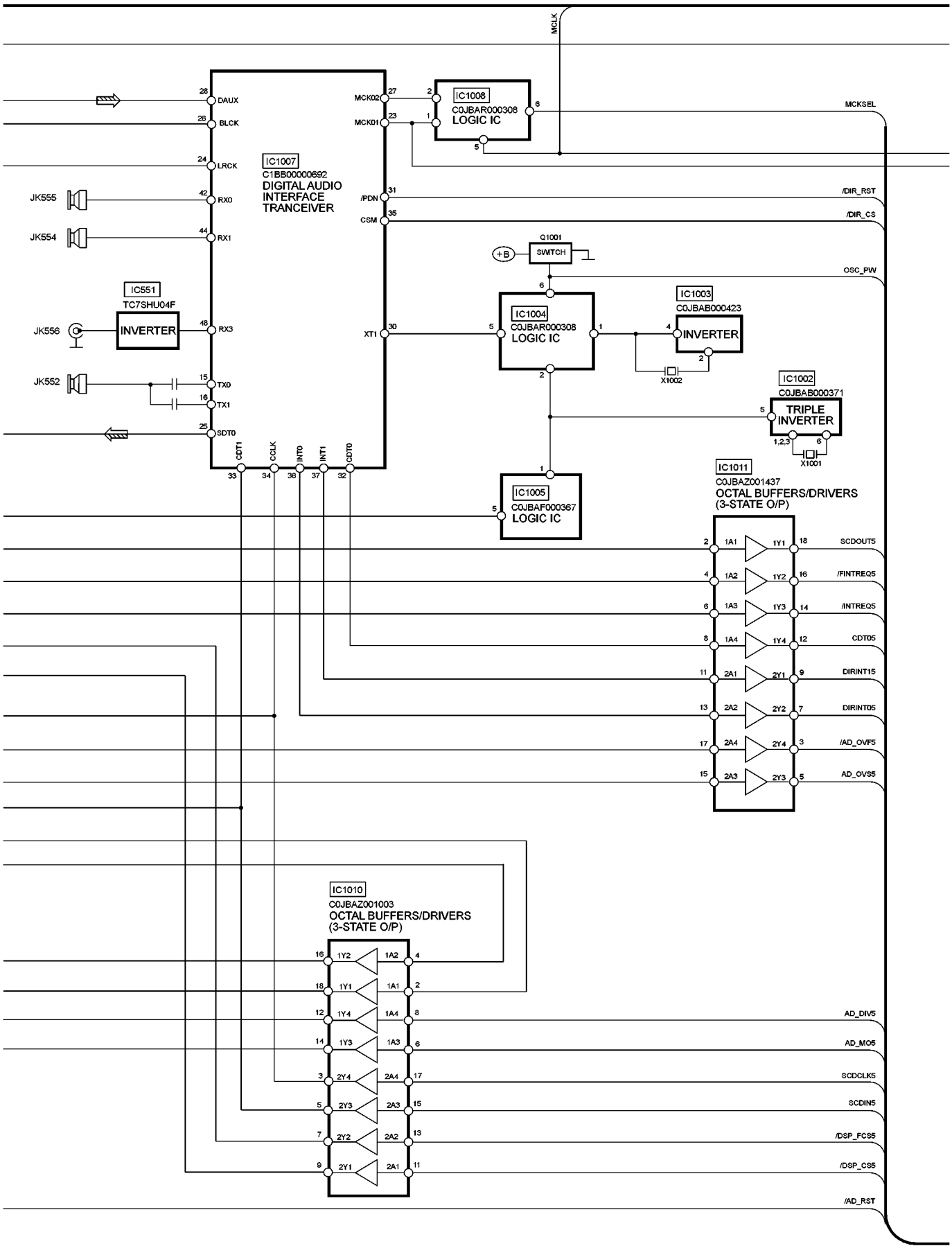
G H I J K L M

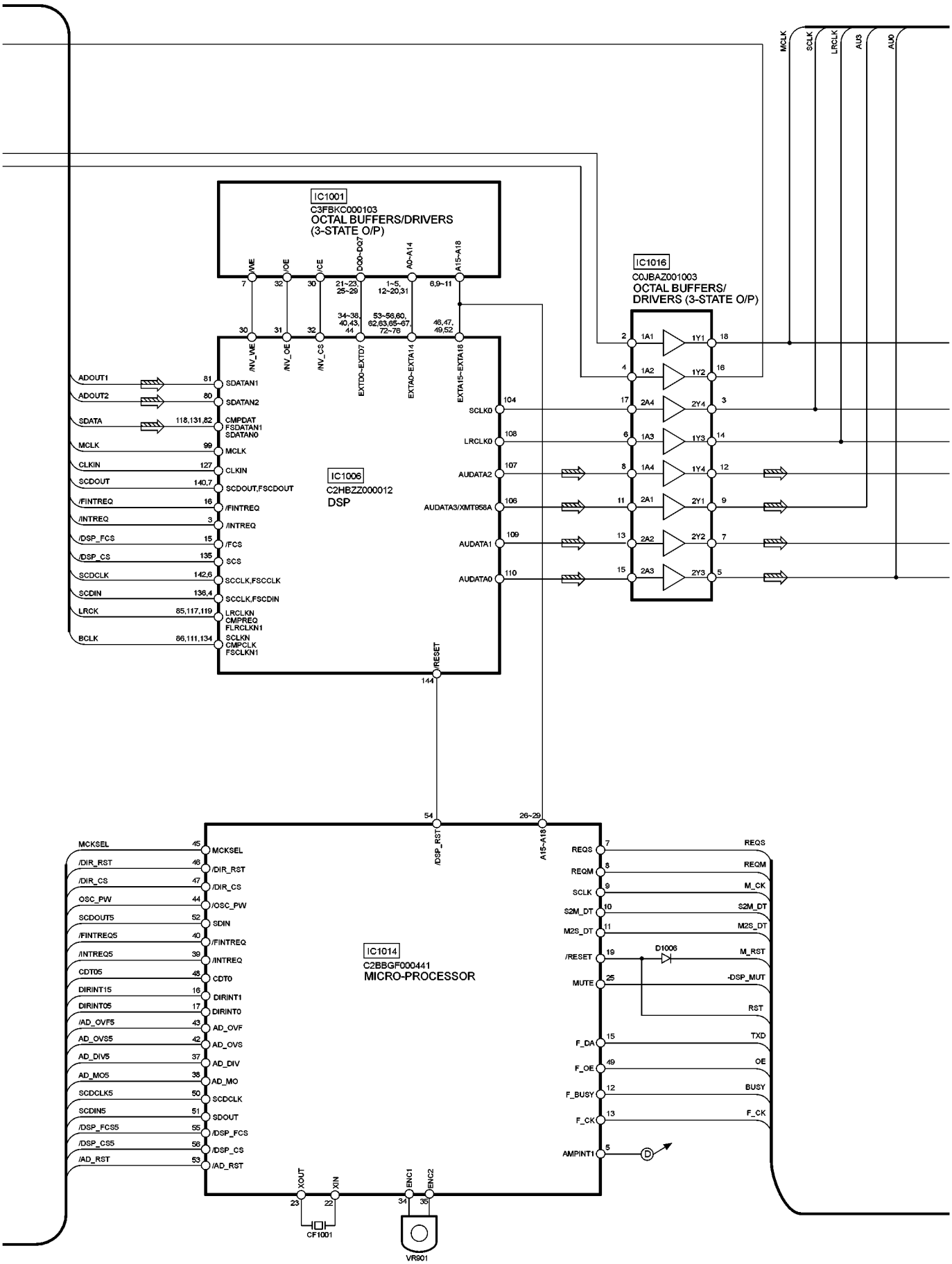

IC703
W602
W601
PC701
T701
R TRANSFORMER
HS701 (HEATSINK)
J502
J501
J303
IC701
Q701
FRONT SPEAKER
T751
SWITCHING
TRANSFORMER
TH701
D701
L703
CENTER SPEAKER
SURROUND SPEAKER
RLY721
T721 SUB-TRANSFORMER
L702
L701
JK701
E701
AC IN
E/EG
230V 50HZ
EB
230V-240V
50HZ
FC702
FC701
F1 250V T4AL

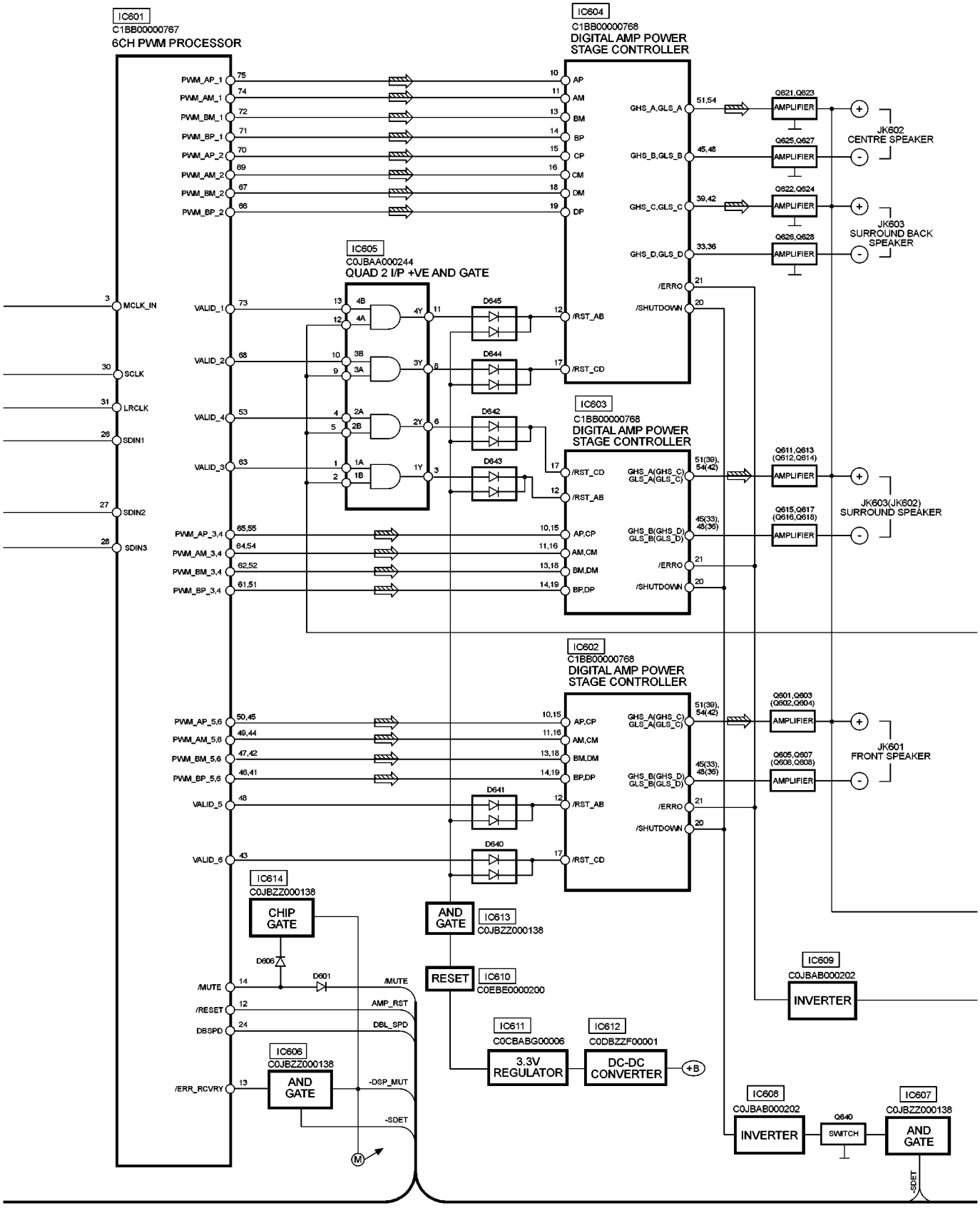
13 Block Diagram

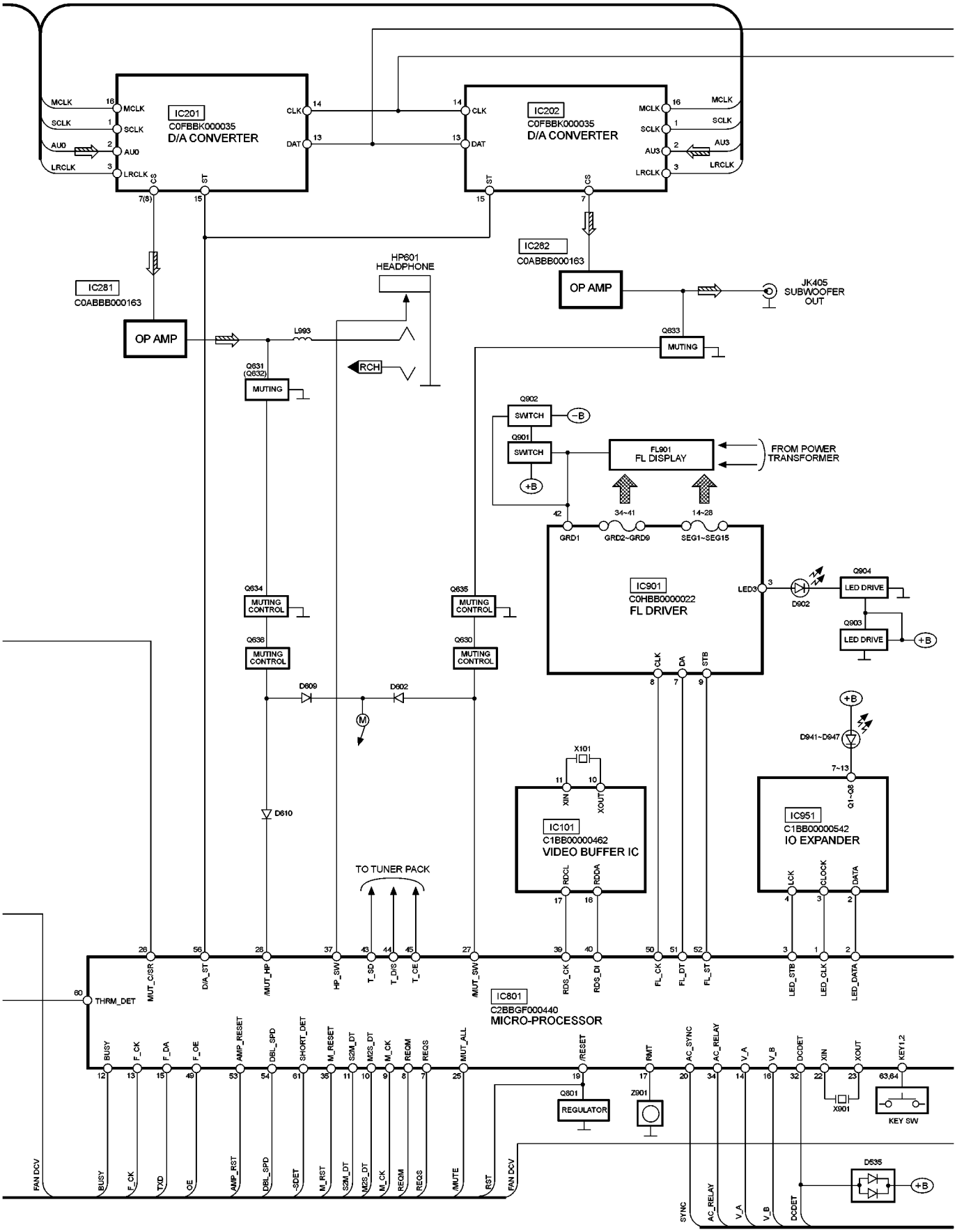


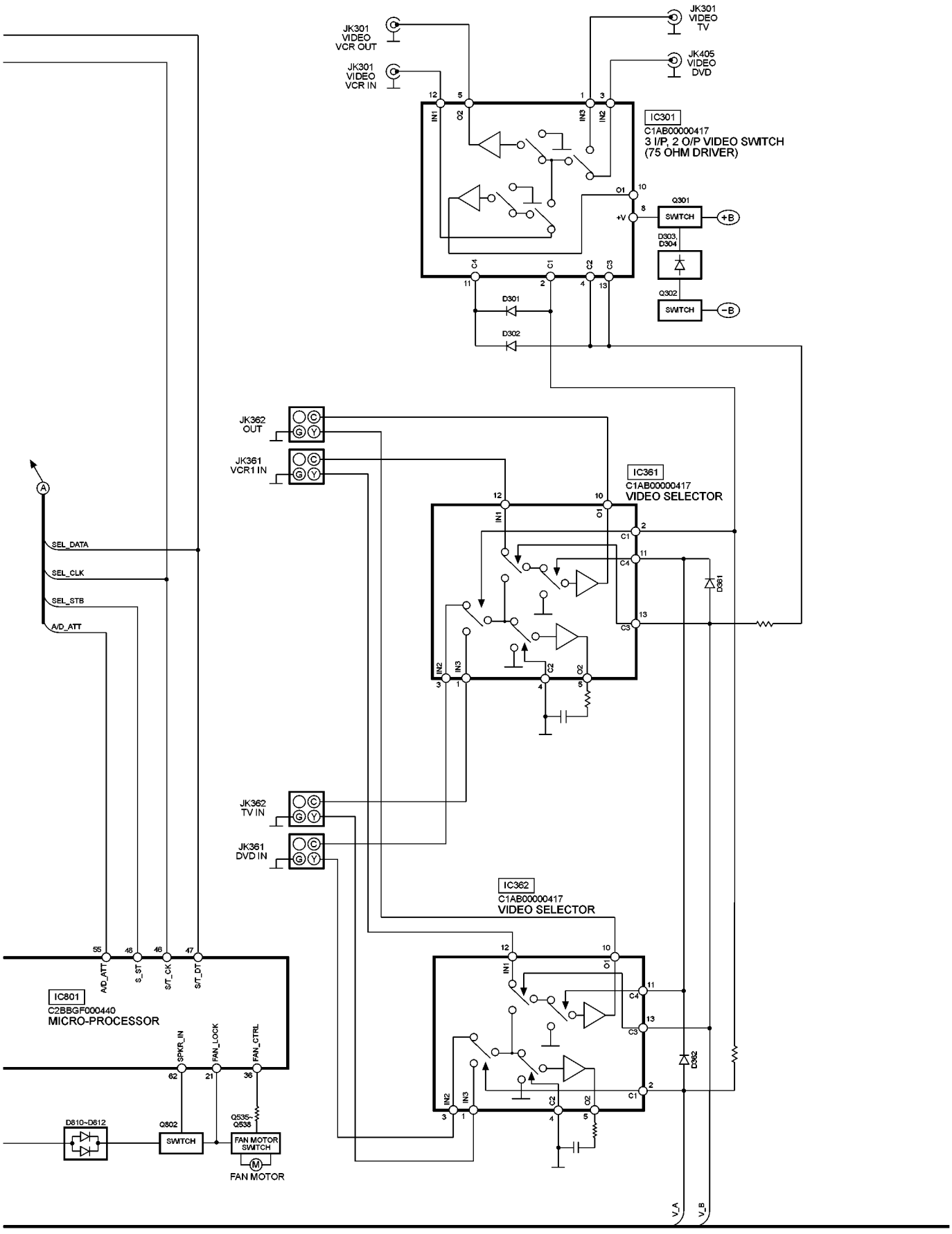

IC1015
C0FBAK000010
MULTI-BIT AUDIO
A/D CONVERTER
16(21)
AINL+
(AINR+)
17(20)
AINL-
(AINR-)
MCLK 5
SDOUT 9
SCLK 4
LRCK 3
/OVFL 15
M0 13
M1 14
/RST 1
D1007
D1002
D1001
BCLK
LRCK
SDATA
CLKIN
SCDOUT
ADOUT1
/FINTREQ
ADOUT2
/INTREQ
/DSP_FCS
/DSP_CS
SCDCLK
SCDIN
BCLK
LRCK


MCLK
IC1007
C1BB00000692
DIGITAL AUDIO
INTERFACE
TRANCEIVER
DAUX
BLCK
LRCK
RX0
RX1
RX3
TX0
TX1
SDTO
CDTI
CCLK
INT0
INT1
CDTO
MCK02
MCK01
/PDN
CSM
XT1
IC1008
C0JBAR000308
LOGIC IC
MCKSEL
/DIR_RST
/DIR_CS
Q1001
SWITCH
+B
OSC_PW
IC1004
C0JBAR000308
LOGIC IC
IC1003
C0JBAB000423
INVERTER
X1002
IC1002
C0JBAB000371
TRIPLE
INVERTER
X1001
IC1005
C0JBAF000367
LOGIC IC
IC551
TC7SHU04F
INVERTER
JK555
JK554
JK556
JK552
IC1011
C0JBAZ001437
OCTAL BUFFERS/DRIVERS
(3-STATE O/P)
SCDOUT5
/FINTREQ5
/INTREQ5
CDTO5
DIRINT15
DIRINT05
/AD_OVF5
AD_OVS5
IC1010
C0JBAZ001003
OCTAL BUFFERS/DRIVERS
(3-STATE O/P)
AD_DIV5
AD_MO5
SCDCLK5
SCDIN5
/DSP_FCS5
/DSP_CS5
/AD_RST


IC1001
C3FBKC000103
OCTAL BUFFERS/DRIVERS
(3-STATE O/P)
IC1016
C0JBAZ001003
OCTAL BUFFERS/
DRIVERS (3-STATE O/P)
IC1006
C2HBZZ000012
DSP
IC1014
C2BBGF000441
MICRO-PROCESSOR
MCLK
SCLK
LRCLK
AU3
AU0
ADOUT1
ADOUT2
SDATA
MCLK
CLKIN
SCDOUT
/FINTREQ
/INTREQ
/DSP_FCS
/DSP_CS
SCDCLK
SCDIN
LRCK
BCLK
SDATAN1
SDATAN2
CMPDAT
FSDATAN1
SDATAN0
MCLK
CLKIN
SCDOUT,FSCDOUT
/FINTREQ
/INTREQ
/FCS
SCS
SCCLK,FSCCLK
SCCLK,FSCDIN
LRCLKN
CMPREQ
FLRCLKN1
SCLKN
CMPCLK
FSCLKN1
/RESET
SCLK0
LRCLK0
AUDATA2
AUDATA3/XMT958A
AUDATA1
AUDATA0
MCKSEL
/DIR_RST
/DIR_CS
OSC_PW
SCDOUT5
/FINTREQ5
/INTREQ5
CDT05
DIRINT15
DIRINT05
/AD_OVF5
AD_OVS5
AD_DIV5
AD_MO5
SCDCLK5
SCDIN5
/DSP_FCS5
/DSP_CS5
/AD_RST
/DSP_RST
A15-A18
REQS
REQM
SCLK
S2M_DT
M2S_DT
/RESET
MUTE
F_DA
F_OE
F_BUSY
F_CK
AMPINT1
D1006
M_RST
-DSP_MUT
RST
TXD
OE
BUSY
F_CK
XOUT
XIN
ENC1
ENC2
CF1001
VR901

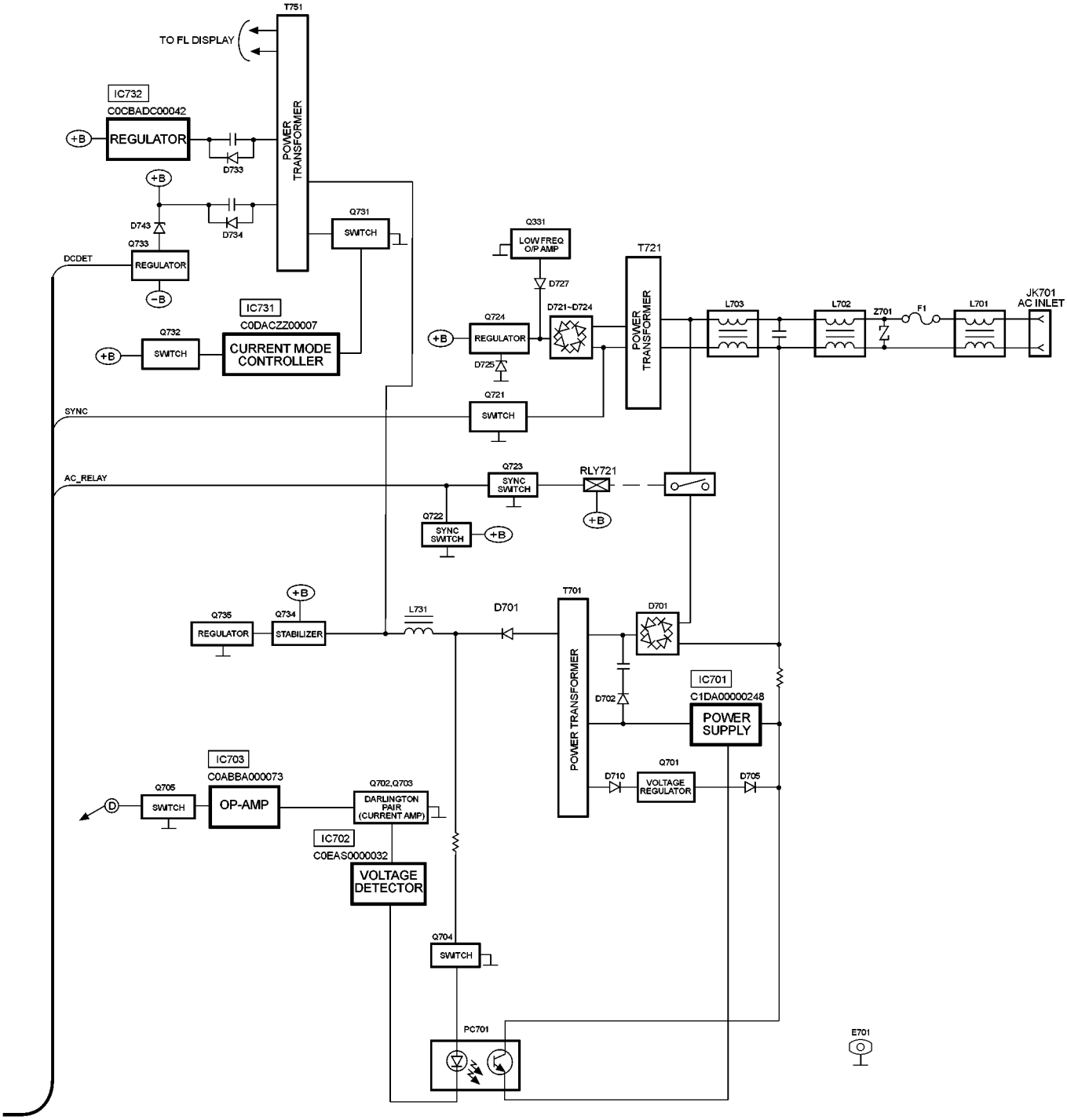

IC601
C1BB00000767
6CH PWM PROCESSOR
IC604
C1BB00000768
DIGITAL AMP POWER STAGE CONTROLLER
IC605
C0JBAA000244
QUAD 2 I/P +VE AND GATE
IC603
C1BB00000768
DIGITAL AMP POWER STAGE CONTROLLER
IC602
C1BB00000768
DIGITAL AMP POWER STAGE CONTROLLER
IC614
C0JBZZ000138
CHIP GATE
IC613
C0JBZZ000138
AND GATE
IC610
C0EBE0000200
RESET
IC609
C0JBAB000202
INVERTER
IC611
C0CBABG00006
3.3V REGULATOR
IC612
C0DBZZF00001
DC-DC CONVERTER
IC606
C0JBZZ000138
AND GATE
IC608
C0JBAB000202
INVERTER
IC607
C0JBZZ000138
AND GATE
Q640
SWITCH
Q621,Q623
Q625,Q627
Q622,Q624
Q626,Q628
Q611,Q613 (Q612,Q614)
Q615,Q617 (Q616,Q618)
Q601,Q603 (Q602,Q604)
Q605,Q607 (Q606,Q608)
AMPLIFIER
JK602 CENTRE SPEAKER
JK603 SURROUND BACK SPEAKER
JK603(JK602) SURROUND SPEAKER
JK601 FRONT SPEAKER
MCLK_IN
SCLK
LRCLK
SDIN1
SDIN2
SDIN3
PWM_AP_1
PWM_AM_1
PWM_BM_1
PWM_BP_1
PWM_AP_2
PWM_AM_2
PWM_BM_2
PWM_BP_2
PWM_AP_3,4
PWM_AM_3,4
PWM_BM_3,4
PWM_BP_3,4
PWM_AP_5,6
PWM_AM_5,6
PWM_BM_5,6
PWM_BP_5,6
VALID_1
VALID_2
VALID_4
VALID_3
VALID_5
VALID_6
/RST_AB
/RST_CD
/ERRO
/SHUTDOWN
GHS_A,GLS_A
GHS_B,GLS_B
GHS_C,GLS_C
GHS_D,GLS_D
GHS_A(GHS_C) GLS_A(GLS_C)
GHS_B(GHS_D) GLS_B(GLS_D)
D645
D644
D642
D643
D641
D640
D606
D601
/MUTE
/RESET
DBSPD
/ERR_RCVRY
AMP_RST
DBL_SPD
-DSP_MUT
-SDET
+B


IC201
C0FBBK000035
D/A CONVERTER
IC202
C0FBBK000035
D/A CONVERTER
IC281
C0ABBB000163
OP AMP
IC282
C0ABBB000163
OP AMP
HP601
HEADPHONE
JK405
SUBWOOFER
OUT
FROM POWER
TRANSFORMER
FL901
FL DISPLAY
IC901
C0HBB0000022
FL DRIVER
IC101
C1BB00000462
VIDEO BUFFER IC
IC951
C1BB00000542
IO EXPANDER
IC801
C2BBGF000440
MICRO-PROCESSOR
Q801
REGULATOR
Z901
X101
X901
KEY SW
TO TUNER PACK
MUTING
MUTING CONTROL
SWITCH
LED DRIVE
THRM_DET
FAN DCV

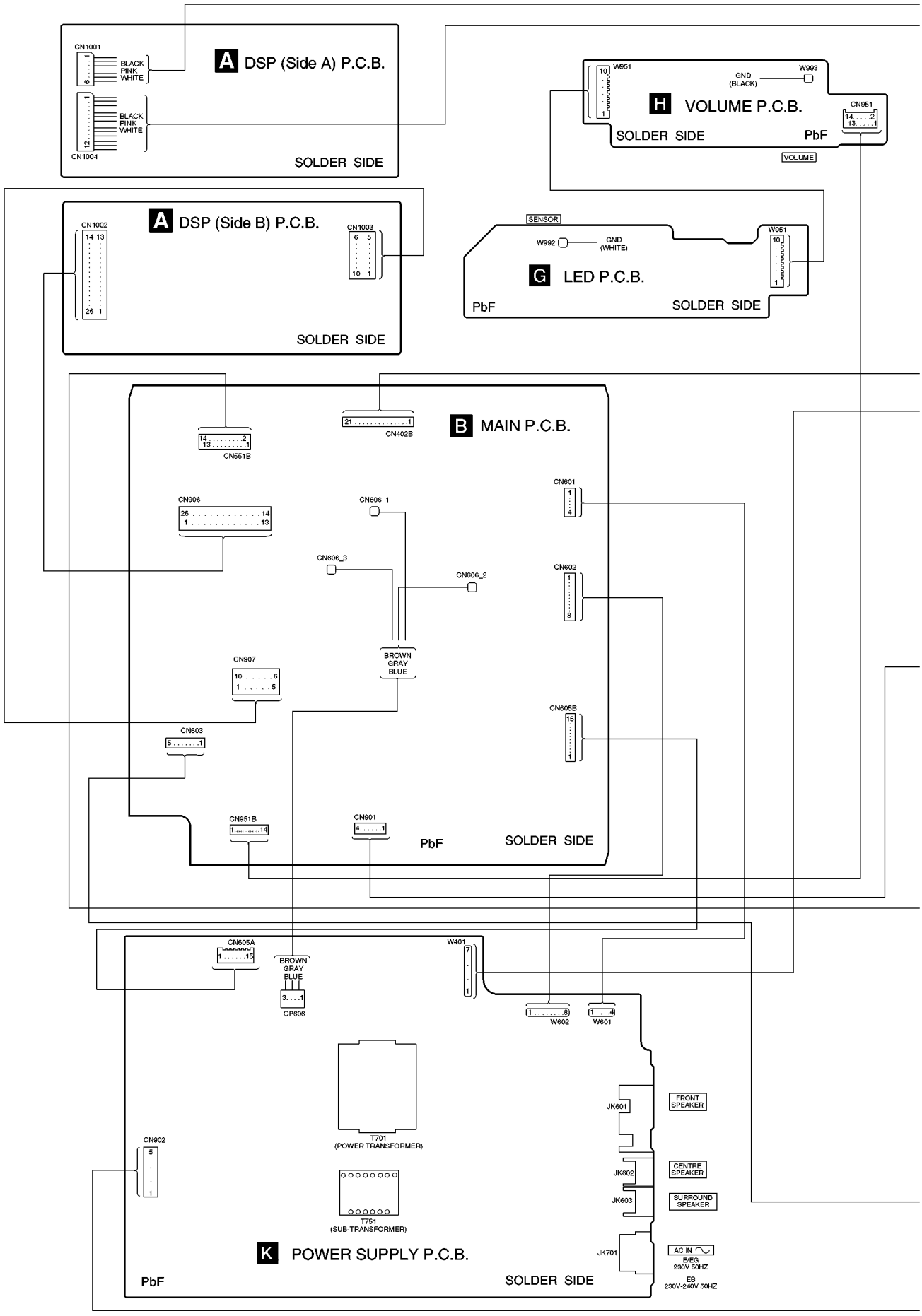

JK301
VIDEO
VCR OUT
JK301
VIDEO
VCR IN
JK301
VIDEO
TV
JK405
VIDEO
DVD
IC301
C1AB00000417
3 I/P, 2 O/P VIDEO SWITCH
(75 OHM DRIVER)
Q301
SWITCH
+B
D303,
D304
Q302
SWITCH
-B
D301
D302
JK362
OUT
JK361
VCR1 IN
IC361
C1AB00000417
VIDEO SELECTOR
D361
JK362
TV IN
JK361
DVD IN
IC362
C1AB00000417
VIDEO SELECTOR
D362
SEL_DATA
SEL_CLK
SEL_STB
A/D_ATT
IC801
C2BBGF000440
MICRO-PROCESSOR
A/D_ATT
S_ST
S/T_CK
S/T_DT
SPKR_IN
FAN_LOCK
FAN_CTRL
D810~D812
Q802
SWITCH
Q535~
Q538
FAN MOTOR
SWITCH
FAN MOTOR
V_A
V_B

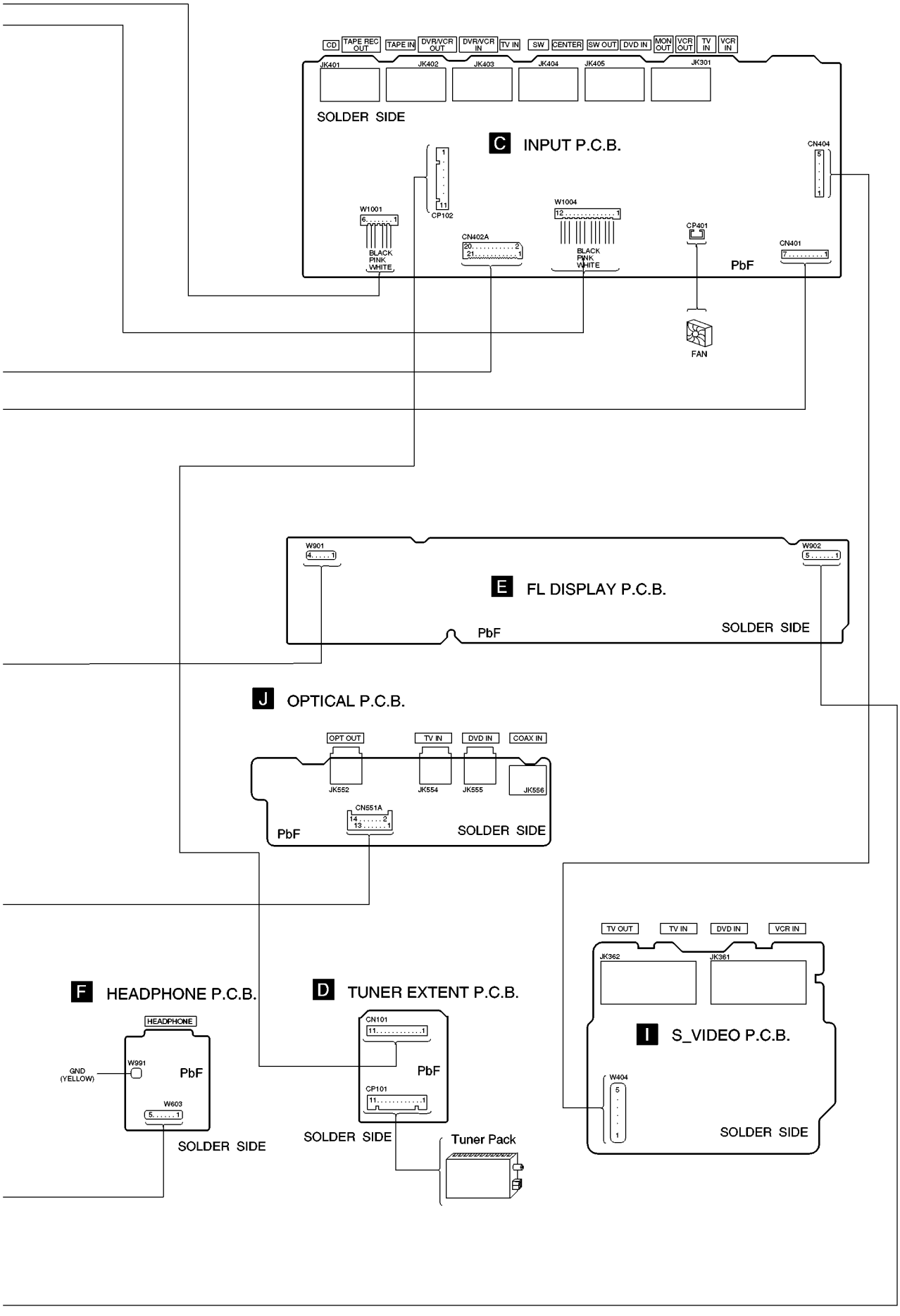
SIGNAL LINES

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



14 Wiring Connection Diagram




CD
TAPE REC OUT
TAPE IN
DVR/VCR OUT
DVR/VCR IN
TV IN
SW
CENTER
SW OUT
DVD IN
MON OUT
VCR OUT
TV IN
VCR IN
JK401
JK402
JK403
JK404
JK405
JK301
SOLDER SIDE
C INPUT P.C.B.
CN404
W1001
CP102
W1004
CP401
CN402A
BLACK
PINK
WHITE
CN401
PbF
FAN
W901
W902
E FL DISPLAY P.C.B.
PbF
SOLDER SIDE
J OPTICAL P.C.B.
OPT OUT
TV IN
DVD IN
COAX IN
JK552
JK554
JK555
JK556
CN551A
PbF
SOLDER SIDE
TV OUT
TV IN
DVD IN
VCR IN
JK362
JK361
I S_VIDEO P.C.B.
W404
SOLDER SIDE
F HEADPHONE P.C.B.
HEADPHONE
GND
(YELLOW)
W991
PbF
W603
SOLDER SIDE
D TUNER EXTENT P.C.B.
CN101
PbF
CP101
SOLDER SIDE
Tuner Pack

15 Terminal Function of ICs

15.1. IC801 (C2BBGF000440): System Control (Micro P)

Pin NO.	Terminal Name	I/O	Function
1	LED_CK	O	LED Driver Control : Clock
2	LED_DT	I	LED Driver Control : Data
3	LED_ST	I/O	LED Driver Control : Strobe
4	E_DT	O	EEPROM Control : Data
5	E_CK	O	EEPROM Control : Clock
6	E_CS	O	EEPROM Control : Chip Select
7	REQS	I/O	Communication to Sub up : Request from Sub up
8	REQM	I/O	Communication to Sub up : Request from Main up
9	M_CK	O	Communication to Main up : Clock
10	M2S_DT	O	Communication to Main up : Serial Output
11	S2M_DT	I	Communication to Main up : Serial Input
12	F_BUSY	I/O	To rewrite up ROM : BUSY
13	F_CK	O	To rewrite up ROM : CLOCK
14	V_A	I/O	Video Selector Control : A
15	F_DA	I/O	To rewrite uP ROM : DATA
16	V_B	I/O	Video Selector Control : B
17	REMOTE	I	Remote Control Signal Input
18	CNVSS (VPP)	-	12V supply to rewrite Flash ROM
19	RESET	-	Reset Input
20	AC__SYNC	-	Power Faillure Detection
21	FAN_LOCK	-	FAN LOCK Detection
22	XIN	-	10MHz Connect to Oscillator
23	XOUT	-	10MHz Connect to Oscillator
24	VSS	-	Connect to GND
25	MT_ALL	O	MUTE for all channel
26	MT_C/SR	O	MUTE for C/SURR
27	MT_SUB	O	MUTE for SUBWFR
28	MT_HP	O	MUTE for Headphones
29	OSD_CK	O	OSD Control : Clock
30	OSD_DT	I	OSD Control : Data
31	OSD_ST	I/O	OSD Control : Strobe
32	DC_DET	I	DC Short Detection
33	INI_OUT	O	Output for Initialize Setting
34	POWER_RLY	-	Power Relay Control (H ; ON)
35	M_RESET	O	RESET signal for sub up
36	FAN_CTRL	O	Cooling Fan Control Output
37	HP_SW	I	Headphone Detection
38	MT_2ND	O	MUTE for 2nd Audio
39	RDS_CK	O	RDS IC Control : Clock
40	RDS_DI	I	RDS IC Control : Data
41	INIT_IN1	I	Initialize Setting Input 1
42	INIT_IN2	I	Initialize Setting Input 2
43	TUN_SD	I	SD Input for Tuner
44	TUN_DI/ST	I	IF data/Stero detect input for tuner
45	TUN_CE	O	CE Output for tuner
46	SEL/TN/ DA_CK	O	Input Selector, Tuner and D/A Control : Clock
47	SEL/TN/ DA_DT	O	Input Selector, Tuner and D/A Control : Data
48	SEL_ST	O	Input Selector Control : Strobe
49	F_OE	O	To rewrite up ROM : ENABLE
50	FL_CK	O	FL Driver Control : Clock
51	FL_DT	I	FL Driver Control : Data
52	FL_ST	I/O	FL Driver Control : Strobe
53	AMP_RESET	O	TAS5036 Hardware Reset
54	DBL_SPD	I/O	Sample Rate Double Speed Control to the modulator IC
55	A/D_ATT	I/O	A/D attenuator Control
56	D/A_ST	I/O	D/A Control : Strobe
57	VCC	-	+5V power supply
58	VREF	-	VCC Connected
59	AVSS	-	GND Connected
60	THRM_DET	I	Thermal Warning Detection
61	SHORT_DET	I	Output Short Detection
62	SPKR_IN	O	Speaker Output Voltage Input for FAN Control
63	KEY2	I	Key input 2
64	KEY1	I	Key input 1

16 Parts Location and Replacement Parts List

Notes:

- Important safety notice:

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

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

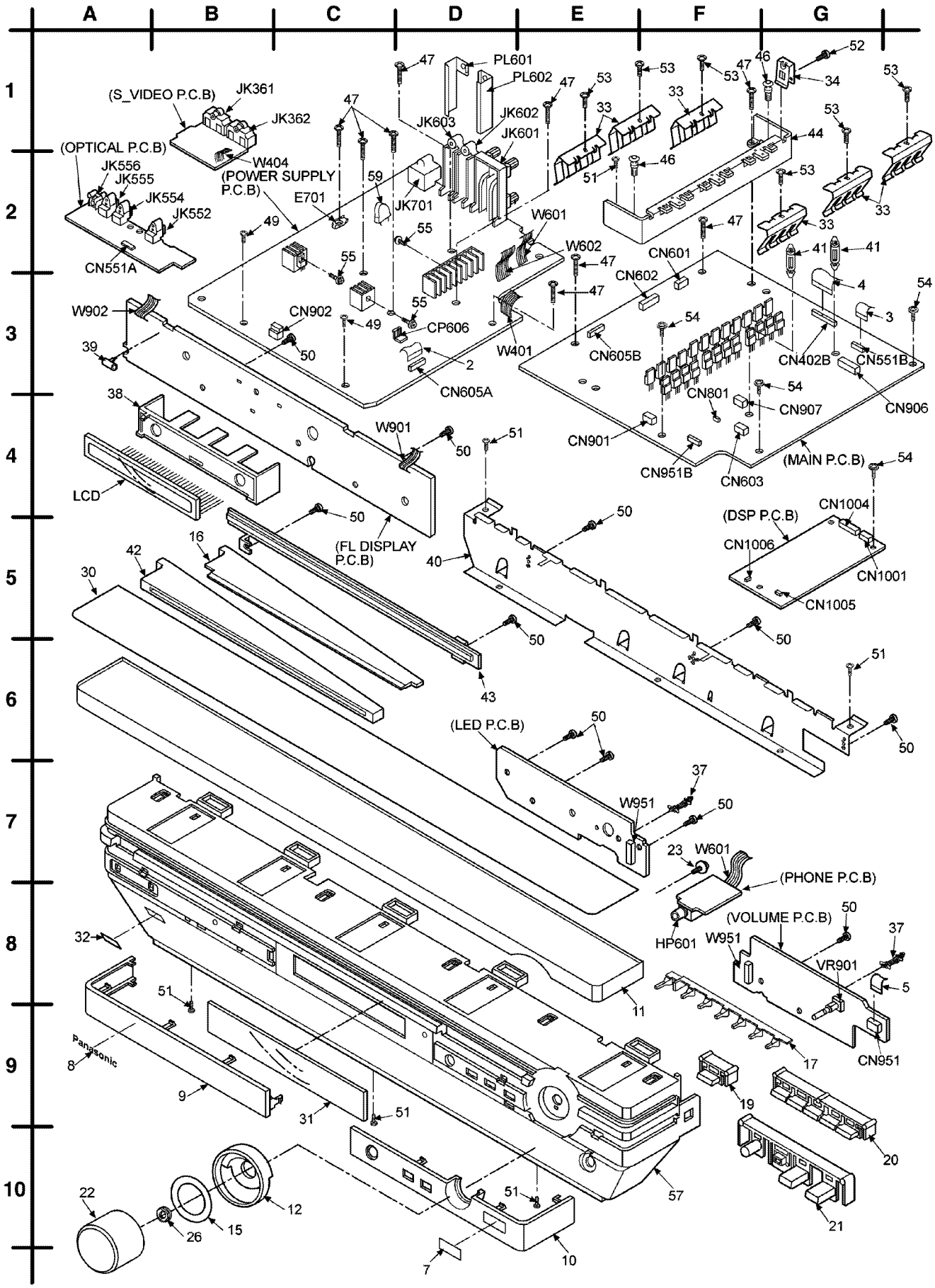
  When replacing any of these components, be sure to use only manufacturer's specified parts shown in the parts list.
- The parenthesized indications in the Remarks columns specify the areas or colour. (Refer to the cover page for area or colour)

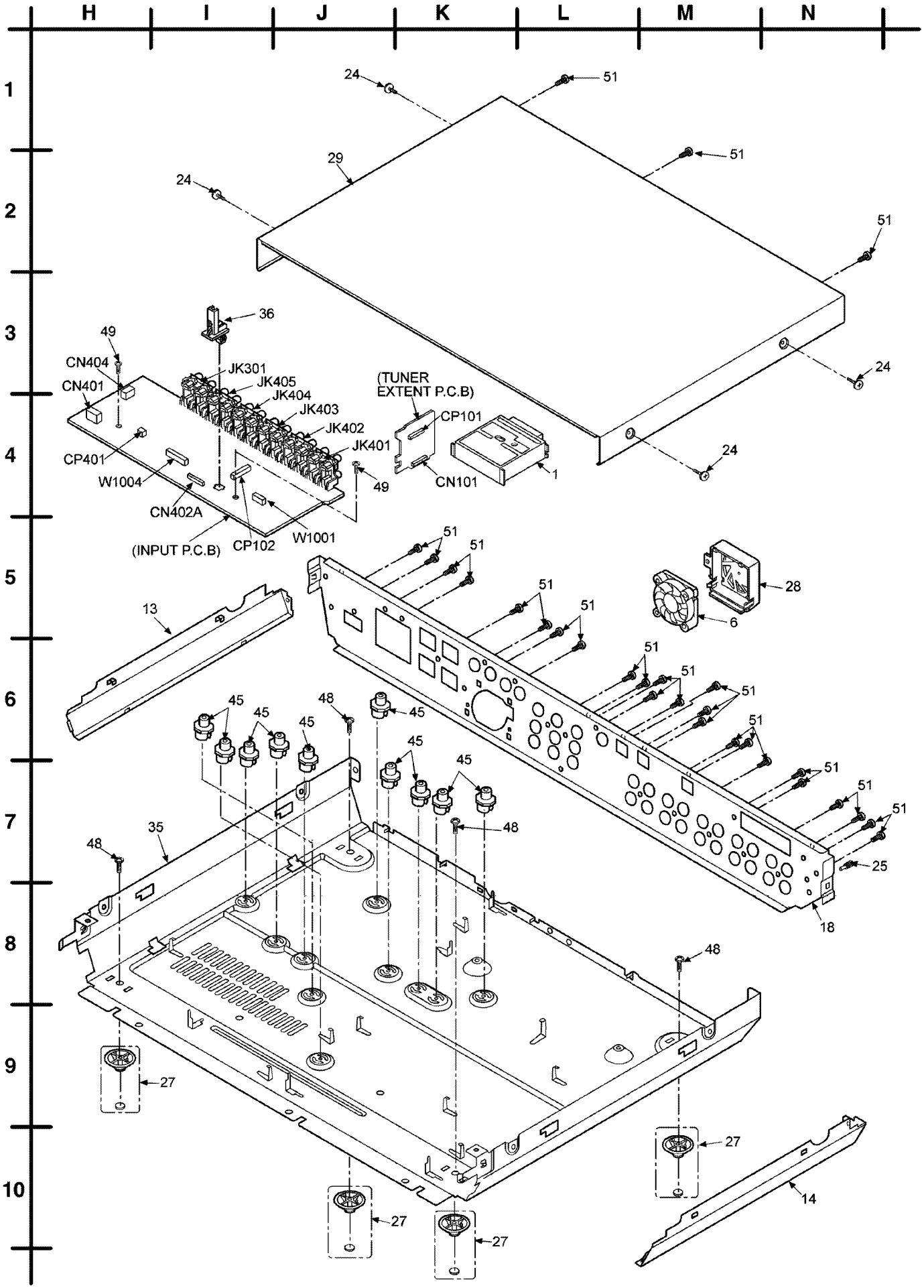
  Parts without these indications can be used for all areas.
- Capacitor values are in microfarads (μF) unless specified otherwise, P= Pico-farads (pF), F= Farads.
- Resistance values are in ohms, unless specified otherwise, 1K=1,000 (OHM).
- The marking (RTL) indicates that the Retention Time is limited for this items. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of a availability is dependent on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.
- [M] Indicates in the Remarks columns indicates parts supplied by **PAVCSG.**
- Reference for O/I book languages are as follows:

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

16.1. Cabinet Parts Location

16.1.1. Cabinet




H
I
J
K
L
M
N
1
2
3
4
5
6
7
8
9
10
24
51
29
36
49
CN404
CN401
JK301
JK405
JK404
JK403
JK402
JK401
(TUNER
EXTENT P.C.B)
CP101
CN101
CP401
W1004
CN402A
(INPUT P.C.B)
CP102
W1001
28
6
13
45
48
35
25
18
27
14

16.1.2. Cabinet Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET AND CHASSIS	
1	RAN0002EM-1	TUNER MODULE	[M]
2	REE1224	15P FFC WIRE	[M]
3	REE1225	14P FFC WIRE	[M]
4	REE1226	21P FFC WIRE	[M]
5	REE1227	14P FFC WIRE	[M]
6	REM0104	SMALL FAN	[M]
7	RGB0144-K	DIGITAL BADGE	[M] K
7	RGB0144-N	DIGITAL BADGE	[M] S
8	RGB0145-N	PANASONIC BADGE	[M]
9	RGK1611-K	FRONT ORNAMENT L	[M] K
9	RGK1611-S	FRONT ORNAMENT L	[M] S
10	RGK1612B-K	FRONT ORNAMENT	[M] K
10	RGK1612B-S	FRONT ORNAMENT	[M] S
11	RGK1613-K	TOP ORNAMENT	[M] K
11	RGK1613-S	TOP ORNAMENT	[M] S
12	RGK1614-S	VOLUME RING	[M]
13	RGK1615-K	SIDE ORNAMENT L	[M]
14	RGK1616-K	SIDE ORNAMENT R	[M]
15	RGK1683-K	RING SHEET	[M]
16	RGL0618-Q	LIGHT GUIDE	[M]
17	RGL0621-Q	LED LIGHT GUIDE	[M]
18	RGR0335C-A	REAR PANEL	[M]
19	RGU2177A-K	POWER BUTTON	[M] S
19	RGU2177B-H	POWER BUTTON	[M] K
20	RGU2178A-K	TUNER BUTTON	[M] S
20	RGU2178B-H	TUNER BUTTON	[M] K
21	RGU2179-S	SELECTOR BUTTON	[M]
22	RGW0395-K	VOLUME KNOB	[M] K
22	RGW0395-S	VOLUME KNOB	[M] S
23	RHD26016	SCREW (PHONE JACK)	[M]
24	RHD30007-1S	SCREW	[M] S
24	RHD30007-K1	SCREW	[M] K
25	RHD30070	EARTH TERMINAL	[M]
26	RHN90001	M9 NUT	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
27	RKA0132-K	SET LEG UNIT	[M]
28	RKF0664-K	FAN COVER	[M]
29	RKM0481-K	TOP CABINET	[M] K
29	RKM0481-S	TOP CABINET	[M] S
30	RKW0719A-K	TOP ORNAMENT SHEET	[M] K
30	RKW0719A-S	TOP ORNAMENT SHEET	[M] S
31	RKW0720-Q1	FL WINDOW	[M] K
31	RKW0720-S1	FL WINDOW	[M] S
32	RKW0721-K	REMOTE WINDOW	[M]
33	RMC0465	TR SPRING	[M]
34	RMC0477	THERMISTOR SPRING	[M]
35	RFKJAXR25EGS	BOTTOM CHASSIS ASS'Y	[M] EG E
35	RFKJAXR25EBS	BOTTOM CHASSIS ASS'Y	[M] EB-S
36	RMN0203	PCB SUPPORT	[M]
37	RMN0724	PCB HOLDER	[M]
38	RMN0740	FL HOLDER	[M]
39	RMN0747	LED HOLDER	[M]
40	RMQ1183	FRONT SHEILD ANGLE	[M]
41	RMR1359-W	PCB SUPPORT (DECODER	[M]
42	RMR1517-W	REFLECTION PLATE A	[M]
43	RMR1518-W	REFLECTION PLATE B	[M]
44	RXX0265	DIGITAL HEAT SINK UN	[M]
45	SHE185-3	PCB SUPPORT	[M]
46	SHR411	PLASTIC RIVET	[M]
47	XTB3+16JFZ	SCREW	[M]
48	XTB3+6G	SCREW	[M]
49	XTB3+8J	SCREW	[M]
50	XTBS26+10J	SCREW	[M]
51	XTBS3+8JFZ1	SCREW	[M]
52	XTN26+4F	SCREW	[M]
53	XTW3+8T	SCREW	[M]
54	XYB3+F8	SCREW	[M]
55	XYN3+F10	SCREW	[M]
57	RGP0984A-K	FRONT PANEL	[M] S
57	RGP0984E-H	FRONT PANEL	[M] K
59	RMZ0339	ZENER COVER	[M]

16.2. Components Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		P.C.B.	
	REP3484A-T	DSP (SIDE A & SIDE B) P.C.B.	[M] RTL
	REP3481C-M	MAIN P.C.B.	[M] RTL
	REP3482B-S	INPUT P.C.B. / HEADPHONE P.C.B. / TUNER EXTENT P.C.B. / FL DISPLAY P.C.B. / VOLUME P.C.B. / LED P.C.B. / OPTICAL P.C.B. / S_VIDEO P.C.B.	[M] RTL
	REP3483B-P	POWER SUPPLY P.C.B.	[M] RTL
		INTEGRATED CIRCUITS	
IC101	C1BB00000462	IC RDS	[M]
IC201	C0FBBK000035	IC D/A CONVERTER	[M]
IC202	C0FBBK000035	IC D/A CONVERTER	[M]
IC281	C0ABBB000163	IC OP-AMP	[M]
IC282	C0ABBB000163	IC OP-AMP	[M]
IC301	C1AB00000417	IC VIDEO SELECTOR	[M]
IC361	C1AB00000417	IC VIDEO SELECTOR	[M]
IC362	C1AB00000417	IC VIDEO SELECTOR	[M]
IC401	C0JZAS000002	IC SELECTOR	[M]
IC451	C0ABBB000125	IC OP AMP	[M]
IC452	C0ABBB000102	IC OP AMP	[M]
IC453	C0ABBB000102	IC OP AMP	[M]
IC454	C0ABBB000125	IC OP AMP	[M]
IC455	C0ABBB000102	IC OP AMP	[M]
IC456	C0ABBB000102	IC OP AMP	[M]
IC457	C0ABBB000125	IC OP AMP	[M]
IC458	C0ABBB000102	IC OP AMP	[M]
IC459	C0ABBB000102	IC OP AMP	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
IC551	TC7SHU04F	IC INVERTER	[M]
IC601	C1BB00000767	IC 6CH PWM PROCESSOR	[M]
IC602	C1BB00000768	IC DIGITAL AMP	[M]
IC603	C1BB00000768	IC DIGITAL AMP	[M]
IC604	C1BB00000768	IC DIGITAL AMP	[M]
IC605	C0JBAA000244	IC AND GATE	[M]
IC606	C0JBZZ000138	IC AND GATE	[M]
IC607	C0JBZZ000138	IC AND GATE	[M]
IC608	C0JBAB000202	IC INVERTER	[M]
IC609	C0JBAB000202	IC INVERTER	[M]
IC610	C0EBE0000200	IC RESET	[M]
IC611	C0CBABG00006	IC 3.3V REGULATOR	[M]
IC612	C0DBZZF00001	IC DC-DC CONVERTER	[M]
IC613	C0JBZZ000138	IC AND GATE	[M]
IC614	C0JBZZ000138	IC AND GATE	[M]
IC701	C1DA00000248	IC SWITCHING POWER	[M]
IC702	C0EAS0000032	IC VOLTAGE DETECTOR	[M]
IC703	C0ABBA000073	IC OP AMP	[M]
IC731	C0DACZZ00007	IC PWM CONTROLLER	[M]
IC732	C0CBADC00042	IC REGULATOR	[M]
IC801	C2BBGF000440	IC MICRO P	[M]
IC901	C0HBB0000022	IC FL DRIVER	[M]
IC951	C1BB00000542	IC IO EXPANDER	[M]
IC1001	C3FBKC000103	IC BUFFER/DRIVER	[M]
IC1002	C0JBAB000371	IC INVERTER	[M]
IC1003	C0JBAB000423	IC INVERTER	[M]
IC1004	C0JBAR000308	IC MULTIPLEXER	[M]
IC1005	C0JBAF000367	IC D-FLIP FLOP	[M]
IC1006	C2HBZZ000012	IC DSP	[M]
IC1007	C1BB00000692	IC DIR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
IC1008	C0JBAR000308	IC MULTIPLEXER	[M]
IC1009	C0FBAK000010	IC A/D CONVERTER	[M]
IC1010	C0JBAZ001003	IC LEVEL SHIFTER	[M]
IC1011	C0JBAZ001437	IC BUFFER/DRIVER	[M]
IC1013	C0FBAK000010	IC A/D CONVERTER	[M]
IC1014	C2BBGF000441	IC MICRO-P	[M]
IC1015	C0FBAK000010	IC A/D CONVERTER	[M]
IC1016	C0JBAZ001003	IC LEVEL SHIFTER	[M]
		TRANSISTORS	
Q101	2SD592AQRSTA	TRANSISTOR	[M]
Q301	2SD592AQRSTA	TRANSISTOR	[M]
Q302	2SB0621AHA	TRANSISTOR	[M]
Q331	2SD592AQRSTA	TRANSISTOR	[M]
Q451	B1GFGCAA0001	TRANSISTOR	[M]
Q452	UNR211500L	TRANSISTOR	[M]
Q453	B1GFGCAA0001	TRANSISTOR	[M]
Q454	UNR211500L	TRANSISTOR	[M]
Q455	B1GFGCAA0001	TRANSISTOR	[M]
Q456	UNR211500L	TRANSISTOR	[M]
Q535	2SB0621AHA	TRANSISTOR	[M]
Q536	2SC2412KT96R	TRANSISTOR	[M]
Q537	2SC2412KT96R	TRANSISTOR	[M]
Q538	2SC2412KT96R	TRANSISTOR	[M]
Q566	B1ABEC000005	TRANSISTOR	[M]
Q601	B1DEGF000001	TRANSISTOR	[M]
Q602	B1DEGF000001	TRANSISTOR	[M]
Q603	B1DEGF000001	TRANSISTOR	[M]
Q604	B1DEGF000001	TRANSISTOR	[M]
Q605	B1DEGF000001	TRANSISTOR	[M]
Q606	B1DEGF000001	TRANSISTOR	[M]
Q607	B1DEGF000001	TRANSISTOR	[M]
Q608	B1DEGF000001	TRANSISTOR	[M]
Q611	B1DEGF000001	TRANSISTOR	[M]
Q612	B1DEGF000001	TRANSISTOR	[M]
Q613	B1DEGF000001	TRANSISTOR	[M]
Q614	B1DEGF000001	TRANSISTOR	[M]
Q615	B1DEGF000001	TRANSISTOR	[M]
Q616	B1DEGF000001	TRANSISTOR	[M]
Q617	B1DEGF000001	TRANSISTOR	[M]
Q618	B1DEGF000001	TRANSISTOR	[M]
Q621	B1DEGF000001	TRANSISTOR	[M]
Q622	B1DEGF000001	TRANSISTOR	[M]
Q623	B1DEGF000001	TRANSISTOR	[M]
Q624	B1DEGF000001	TRANSISTOR	[M]
Q625	B1DEGF000001	TRANSISTOR	[M]
Q626	B1DEGF000001	TRANSISTOR	[M]
Q627	B1DEGF000001	TRANSISTOR	[M]
Q628	B1DEGF000001	TRANSISTOR	[M]
Q630	B1GDCFJJ0008	TRANSISTOR	[M]
Q631	B1GFGCAA0001	TRANSISTOR	[M]
Q632	B1GFGCAA0001	TRANSISTOR	[M]
Q633	B1GFGCAA0001	TRANSISTOR	[M]
Q634	B1GDCFJJ0008	TRANSISTOR	[M]
Q635	B1GDCFJJ0008	TRANSISTOR	[M]
Q636	B1GDCFJJ0008	TRANSISTOR	[M]
Q640	B1ABCF000079	TRANSISTOR	[M]
Q701	B1BACJ000005	TRANSISTOR	[M]
Q702	2SC2412KT96R	TRANSISTOR	[M]
Q703	2SC2412KT96R	TRANSISTOR	[M]
Q704	2SA933ASTA	TRANSISTOR	[M]
Q705	2SA1037AKSTX	TRANSISTOR	[M]
Q721	RVTDTC114EST	TRANSISTOR	[M]
Q722	RVTDTC114EST	TRANSISTOR	[M]
Q723	B1AAGC000006	TRANSISTOR	[M]
Q724	2SC3940ARA	TRANSISTOR	[M]
Q731	B1DEGL000004	TRANSISTOR	[M]
Q732	2SC2412KT96R	TRANSISTOR	[M]
Q733	B1GBCFJA0002	TRANSISTOR	[M]
Q734	2SB0621AHA	TRANSISTOR	[M]
Q735	2SC2412KT96R	TRANSISTOR	[M]
Q801	B1GBCFLL0012	TRANSISTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
Q802	B1ABCF000079	TRANSISTOR	[M]
Q901	B1GCCFJJ0008	TRANSISTOR	[M]
Q902	B1GACFJN0007	TRANSISTOR	[M]
Q903	2SC3311ARTA	TRANSISTOR	[M]
Q904	2SC3311ARTA	TRANSISTOR	[M]
Q1001	B1GDCFJN0001	TRANSISTOR	[M]
		DIODES	
D101	MAZ80750ML	DIODE	[M]
D102	MAZ80510LL	DIODE	[M]
D301	MA2J11100L	DIODE	[M]
D302	MA2J11100L	DIODE	[M]
D303	MAZ80560ML	DIODE	[M]
D304	MAZ80560ML	DIODE	[M]
D361	MA2J11100L	DIODE	[M]
D362	MA2J11100L	DIODE	[M]
D535	B0ADCJ000020	DIODE	[M]
D536	B0ADCJ000020	DIODE	[M]
D601	B0ACCK000005	DIODE	[M]
D602	B0ACCK000005	DIODE	[M]
D603	B0ACCK000005	DIODE	[M]
D606	B0ACCK000005	DIODE	[M]
D607	B0ACCK000005	DIODE	[M]
D608	B0ACCK000005	DIODE	[M]
D609	B0ACCK000005	DIODE	[M]
D610	B0ACCK000005	DIODE	[M]
D613	B0JCGD000004	DIODE	[M]
D614	B0JCGD000004	DIODE	[M]
D615	B0JCGD000004	DIODE	[M]
D616	B0JCGD000004	DIODE	[M]
D617	B0JCGD000004	DIODE	[M]
D618	B0JCGD000004	DIODE	[M]
D619	B0JCGD000004	DIODE	[M]
D620	B0JCGD000004	DIODE	[M]
D621	B0JCGD000004	DIODE	[M]
D622	B0JCGD000004	DIODE	[M]
D623	B0JCGD000004	DIODE	[M]
D624	B0JCGD000004	DIODE	[M]
D640	B0ADCJ000012	DIODE	[M]
D641	B0ADCJ000012	DIODE	[M]
D642	B0ADCJ000012	DIODE	[M]
D643	B0ADCJ000012	DIODE	[M]
D644	B0ADCJ000012	DIODE	[M]
D645	B0ADCJ000012	DIODE	[M]
D650	B0ADFJ000003	DIODE	[M]
D651	B0ADFJ000003	DIODE	[M]
D652	B0ADFJ000003	DIODE	[M]
D653	B0ADFJ000003	DIODE	[M]
D654	B0ADFJ000003	DIODE	[M]
D655	B0ADFJ000003	DIODE	[M]
D701	B0FFAR000001	DIODE	[M]
D702	B0ZAZ0000052	DIODE	[M]
D703	B0BA03000015	DIODE	[M]
D704	B0JAME000059	DIODE	[M]
D705	B0HAJM000005	DIODE	[M]
D706	B0HAJM000005	DIODE	[M]
D707	MTZJ39DTA	DIODE	[M]
D708	B0BA01800019	DIODE	[M]
D709	B0AACK000004	DIODE	[M]
D710	B0HAJM000005	DIODE	[M]
D711	B0HASM000005	DIODE	[M]
D713	B0ACCK000005	DIODE	[M]
D714	B0ACCK000005	DIODE	[M]
D721	1SR35400V	DIODE	[M]
D722	1SR35400V	DIODE	[M]
D723	1SR35400V	DIODE	[M]
D724	1SR35400V	DIODE	[M]
D725	B0BA6R200012	DIODE	[M]
D726	B0BA01500036	DIODE	[M]
D727	B0AACK000004	DIODE	[M]
D728	B0AACK000004	DIODE	[M]
D731	B0HAJM000005	DIODE	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
D732	B0JAME000059	DIODE	[M]
D733	B0HAMM000074	DIODE	[M]
D734	B0HAMM000074	DIODE	[M]
D735	B0HAJM000005	DIODE	[M]
D736	B0HAJM000005	DIODE	[M]
D737	B0HAJM000005	DIODE	[M]
D738	1SR35400V	DIODE	[M]
D739	B0ACCK000005	DIODE	[M]
D740	B0BA01800019	DIODE	[M]
D741	B0ACCK000005	DIODE	[M]
D742	B0ACCK000005	DIODE	[M]
D743	MAZ80560ML	DIODE	[M]
D744	B0ACCK000005	DIODE	[M]
D801	B0ACCE000003	DIODE	[M]
D802	B0ACCE000003	DIODE	[M]
D803	B0JCCE000002	DIODE	[M]
D804	B0ACCK000005	DIODE	[M]
D805	B0ACCK000005	DIODE	[M]
D810	B0ADCJ000012	DIODE	[M]
D811	B0ADCJ000012	DIODE	[M]
D812	B0ADCJ000012	DIODE	[M]
D820	B0ECKP000002	DIODE	[M]
D901	MAZ80560ML	DIODE	[M]
D902	LNG0A8CYBZ	DIODE	[M]
D941	B3AAA0000487	DIODE	[M]
D942	B3AAA0000487	DIODE	[M]
D943	B3AAA0000487	DIODE	[M]
D944	B3AAA0000487	DIODE	[M]
D945	B3AAA0000487	DIODE	[M]
D946	B3AAA0000487	DIODE	[M]
D947	B3AAA0000487	DIODE	[M]
D951	MA2J11100L	DIODE	[M]
D1001	B0ACCK000005	DIODE	[M]
D1002	B0ACCK000005	DIODE	[M]
D1006	B0ACCK000005	DIODE	[M]
D1007	B0ACCK000005	DIODE	[M]
D1008	B0ACCK000005	DIODE	[M]
		VARIABLE RESISTORS	
VR901	EVEKD2F3024B	ROTARY ENCODER	[M]
		SWITCHES	
S941	EVQ21405RJ	SW POWER	[M]
S961	EVQ21405RJ	SW BAND	[M]
S962	EVQ21405RJ	SW MEMORY	[M]
S963	EVQ21405RJ	SW PRESET	[M]
S964	EVQ21405RJ	SW TUNE DOWN	[M]
S965	EVQ21405RJ	SW TUNE UP	[M]
S966	EVQ21405RJ	SW SELECTOR	[M]
S968	EVQ21405RJ	SW ENHANCE SURROUND	[M]
S969	EVQ21405RJ	SW FM MODE	[M]
		CONNECTORS	
CN101	K1KB11A00020	11P CONNECTOR	[M]
CN401	K1MP07A00006	7P CONNECTOR	[M]
CN402A	K1MN21A00008	21P FCC CONNECTOR	[M]
CN402B	K1MN21A00008	21P FCC CONNECTOR	[M]
CN404	K1MP05A00010	5P CONNECTOR	[M]
CN551A	K1MN14B00066	14P FFC CONNECTOR	[M]
CN551B	K1MN14A00047	14P FFC CONNECTOR	[M]
CN601	K1MP04A00007	4P CONNECTOR	[M]
CN602	K1MP08A00003	8P CONNECTOR	[M]
CN603	K1MP05A00009	5P CONNECTOR	[M]
CN605A	K1MN15A00018	15P FFC CONNECTOR	[M]
CN605B	K1MN15A00018	15P FFC CONNECTOR	[M]
CN801	K1MN10A00030	10P CONNECTOR	[M]
CN901	K1MP04A00007	4P CONNECTOR	[M]
CN902	K1MP05A00010	5P CONNECTOR	[M]
CN906	K1KA26A00089	26P CONNECTOR	[M]
CN907	K1KA10A00278	10P CONNECTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
CN951	K1MN14B00066	14P FFC CONNECTOR	[M]
CN951B	K1MN14A00047	14P FFC CONNECTOR	[M]
CN1001	K1KA06B00054	6P CONNECTOR	[M]
CN1002	K1KB26A00027	26P CONNECTOR	[M]
CN1003	K1KB10A00092	10P CONNECTOR	[M]
CN1004	K1KA12B00079	12P CONNECTOR	[M]
CN1005	K1MN10A00030	10P CONNECTOR	[M]
CN1006	K1MN10A00030	10P CONNECTOR	[M]
CP101	K1KA11A00093	11P CONNECTOR	[M]
CP102	K1KA11A00093	11P CONNECTOR	[M]
CP401	K1KA02A00008	2P CONNECTOR	[M]
CP606	K1KA03A00008	2P CONNECTOR	[M]
		COILS & TRANSFORMERS	
L101	G0A200D00002	RF CHOKE COIL	[M]
L102	J0JBC0000041	CHIP INDUCTOR	[M]
L103	J0JBC0000041	CHIP INDUCTOR	[M]
L301	J0JBC0000014	CHIP COIL	[M]
L302	J0JBC0000014	CHIP COIL	[M]
L303	J0JBC0000014	CHIP COIL	[M]
L304	J0JBC0000014	CHIP COIL	[M]
L305	J0JBC0000014	CHIP COIL	[M]
L551	RLQZ150M-0	CHOKE COIL	[M]
L552	VLQ0855M1R0T	CHIP INDUCTOR	[M]
L553	VLQ0855M1R0T	CHIP INDUCTOR	[M]
L601	G0C7R0K00001	TROIDAL COIL	[M]
L602	G0C7R0K00001	TROIDAL COIL	[M]
L603	G0C7R0K00001	TROIDAL COIL	[M]
L604	G0C7R0K00001	TROIDAL COIL	[M]
L605	G0C7R0K00001	TROIDAL COIL	[M]
L606	G0C7R0K00001	TROIDAL COIL	[M]
L607	G0C7R0K00001	TROIDAL COIL	[M]
L608	G0C7R0K00001	TROIDAL COIL	[M]
L609	G0C7R0K00001	TROIDAL COIL	[M]
L610	G0C7R0K00001	TROIDAL COIL	[M]
L611	G0C7R0K00001	TROIDAL COIL	[M]
L612	G0C7R0K00001	TROIDAL COIL	[M]
L613	G0C45NZ00001	TWO TURN COIL	[M]
L614	G0C45NZ00001	TWO TURN COIL	[M]
L615	G0C45NZ00001	TWO TURN COIL	[M]
L616	G0C45NZ00001	TWO TURN COIL	[M]
L617	G0C45NZ00001	TWO TURN COIL	[M]
L618	G0C45NZ00001	TWO TURN COIL	[M]
L619	G0C45NZ00001	TWO TURN COIL	[M]
L620	G0C45NZ00001	TWO TURN COIL	[M]
L621	G0C45NZ00001	TWO TURN COIL	[M]
L622	G0C45NZ00001	TWO TURN COIL	[M]
L623	G0C45NZ00001	TWO TURN COIL	[M]
L624	G0C45NZ00001	TWO TURN COIL	[M]
L701	ELF15N050A	COMMON MODE COIL	[M] ⚠
L702	ELF21N015A	COMMON MODE COIL	[M] ⚠
L703	ELF21N015A	COMMON MODE COIL	[M] ⚠
L704	J0JKB0000020	EMI BEAD CORE	[M]
L731	J0JKB0000020	EMI BEAD CORE	[M]
L732	G0A200D00002	RF CHOKE COIL	[M]
L733	G0A200D00002	RF CHOKE COIL	[M]
L734	G0A200D00002	RF CHOKE COIL	[M]
L801	G1C4R7M00022	CHIP COIL	[M]
L961	J0JBC0000014	CHIP COIL	[M]
L962	J0JBC0000014	CHIP COIL	[M]
L963	J0JBC0000014	CHIP COIL	[M]
L964	J0JBC0000014	CHIP COIL	[M]
L965	J0JBC0000014	CHIP COIL	[M]
L966	J0JBC0000014	CHIP COIL	[M]
L967	J0JBC0000014	CHIP COIL	[M]
L968	J0JBC0000014	CHIP COIL	[M]
L969	J0JBC0000014	CHIP COIL	[M]
L970	J0JBC0000014	CHIP COIL	[M]
L971	J0JBC0000014	CHIP COIL	[M]
L991	J0JBC0000033	CHIP INDUCTOR	[M]
L992	J0JBC0000033	CHIP INDUCTOR	[M]
L993	J0JBC0000033	CHIP INDUCTOR	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
L994	J0JBC0000033	CHIP INDUCTOR	[M]
L1001	G1C2R2K00008	CHIP INDUCTOR	[M]
L1002	G1C2R2K00008	CHIP INDUCTOR	[M]
L1003	G1C2R2K00008	CHIP INDUCTOR	[M]
L1005	G1C2R2K00008	CHIP INDUCTOR	[M]
L1006	G1C2R2K00008	CHIP INDUCTOR	[M]
L1007	G1C2R2K00008	CHIP INDUCTOR	[M]
L1008	G1C2R2K00008	CHIP INDUCTOR	[M]
L1009	G1C2R2K00008	CHIP INDUCTOR	[M]
L1010	G1C2R2K00008	CHIP INDUCTOR	[M]
L1011	G1C2R2K00008	CHIP INDUCTOR	[M]
L1012	G1C2R2K00008	CHIP INDUCTOR	[M]
L1013	G1C2R2K00008	CHIP INDUCTOR	[M]
L1014	G1C2R2K00008	CHIP INDUCTOR	[M]
L1015	G1C2R2K00008	CHIP INDUCTOR	[M]
L1016	G1C2R2K00008	CHIP INDUCTOR	[M]
L1017	G1C2R2K00008	CHIP INDUCTOR	[M]
L1018	G1C2R2K00008	CHIP INDUCTOR	[M]
		TRANSFORMER	
T701	ETS48AA126AD	SW TRANSFORMER	[M] ⚠
T721	ETP28KBZ21JU	TRANSFORMER	[M] ⚠
T751	ETS28AU219AD	SW TRANSFORMER	[M] ⚠
		COMPONENT COMBINATION	
Z201	J0JGC0000017	FERRITE BEAD	[M]
Z202	J0JBC0000014	CHIP COIL	[M]
Z203	J0JBC0000014	CHIP COIL	[M]
Z204	J0JBC0000014	CHIP COIL	[M]
Z205	J0JBC0000014	CHIP COIL	[M]
Z206	J0JBC0000014	CHIP COIL	[M]
Z207	J0JBC0000014	CHIP COIL	[M]
Z208	J0JBC0000014	CHIP COIL	[M]
Z209	J0JBC0000014	CHIP COIL	[M]
Z701	ERZV10V511CS	ZENER	[M] ⚠
Z801	J0JGC0000017	FERRITE BEAD	[M]
Z802	J0JGC0000017	FERRITE BEAD	[M]
Z901	B3RAD0000046	REMOTE SENSOR	[M]
Z1001	ERJ3GEY0R00Z	0 1/16W	[M]
Z1002	ERJ3GEY0R00Z	0 1/16W	[M]
Z1003	ERJ3GEY0R00Z	0 1/16W	[M]
Z1004	ERJ3GEY0R00Z	0 1/16W	[M]
Z1005	ERJ3GEY0R00Z	0 1/16W	[M]
Z1006	ERJ3GEY0R00Z	0 1/16W	[M]
Z1007	J0JCC0000119	FERRITE BEAD	[M]
PC701	B3PAA0000175	OPTICAL COUPLER	[M]
		HEAT SINK	
HS701	RMY0316	POWER HEAT SINK	[M]
HS702	RMY0281	POWER HEATSINK	[M]
HS704	RMY0281	POWER HEATSINK	[M]
		CERAMIC FILTERS	
CF1001	H2D163500001	CERAMIC RESONATOR	[M]
		RELAY	
RLY721	RSY0040M-0	POWER RELAY	[M] ⚠ ;
		OSCILLATORS	
X101	H0H433400001	CRYSTAL OSCILLATOR	[M]
X901	H2D100500004	CHIP RESONATOR	[M]
X1001	H0J245500035	CRYSTAL OSCILLATOR	[M]
X1002	H0J240500015	CRYSTAL OSCILLATOR	[M]
		DISPLAY TUBE	

Ref. No.	Part No.	Part Name & Description	Remarks
FL901	A2BB00000110	FL DISPLAY	[M]
		FUSES	
F1	K5D402BL0001	FUSE	[M] ⚠
		FUSE HOLDERS	
FC701	EYF52BC	FUSE HOLDER	[M]
FC702	EYF52BC	FUSE HOLDER	[M]
		FUSE PROTECTOR	
FP701	K5G102AA0002	FUSE PROTECTOR	[M] ⚠
		THERMISTOR	
TH601	D4CA33030001	THERMISTOR	[M]
TH701	D4CAC8R00002	POWER THERMISTOR	[M]
		JACKS	
JK301	K4BK04H00007	JK 4P RCA	[M]
JK361	K1CB208B0003	JK S VIDEO TERMINAL	[M]
JK362	K1CB208B0003	JK S VIDEO TERMINAL	[M]
JK401	K4BK04H00008	JK 4P RCA	[M]
JK402	K4BK04H00008	JK 4P RCA	[M]
JK403	K4BK04H00008	JK 4P RCA	[M]
JK404	K4BK04H00009	JK 4P RCA	[M]
JK405	K4BK04H00011	JK 4P RCA	[M]
JK552	B3RAA0000003	JK OPTICAL TRANSMITT	[M]
JK554	B3RAB0000019	JK OPTICAL RECEIVER	[M]
JK555	B3RAB0000019	JK OPTICAL RECEIVER	[M]
JK556	K4BK01H00004	JK 1P RCA	[M]
JK601	K4BB04B00002	JK SPEAKER TERMINAL	[M]
JK602	K4BC04B00051	JK SPEAKER	[M]
JK603	K4BC04B00051	JK SPEAKER	[M]
JK701	K2AA2B000004	JK AC INLET	[M] ⚠
HP601	K2HB106B0001	JK HEAD PHONE	[M]
		EARTH TERMINAL	
E701	SNE1004-2	EARTH TERMINAL	[M]
PL601	RSC0668	SP EARTH L	[M]
PL602	RSC0669	SP EARTH R	[M]
		WIRES	
W401	RWJ1807060SQ	7P (PWR-INPUT PCB)	[M]
W404	RWJ1805065SQ	5P (H/P-MAIN)	[M]
W601	RWJ1804190SQ	4P (POWER-MAIN)	[M]
W603	RWJ1805065SQ	5P (H/P-MAIN)	[M]
W602	RWJ1808190SQ	8P (POWER-MAIN)	[M]
W606	REX1158	WIRE	[M]
W901	RWJ1804090SQ	4P (FL-MAIN)	[M]
W902	RWJ1805090SQ	5P (FLAT FL-MAIN)	[M]
W951	REX1154	10P WIRE	[M]
W991	REX1164	WIRE	[M]
W992	REX1161-1	WIRE	[M]
W993	REX1162-1	WIRE	[M]
W1001	REX1149	SHIELD WIRE	[M]
W1004	REX1150	SHIELD WIRE	[M]
		RESISTORS	
R101	ERJ3GEYJ222V	2.2K 1/16W	[M]
R102	ERJ3GEYJ471V	470 1/16W	[M]
R103	ERJ3GEYJ473V	47K 1/16W	[M]
R104	ERJ3GEYJ473V	47K 1/16W	[M]
R105	ERJ3GEYJ102V	1K 1/16W	[M]
R106	ERJ3GEYJ102V	1K 1/16W	[M]
R107	ERJ3GEYJ102V	1K 1/16W	[M]
R108	ERJ3GEYJ104V	100K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R109	ERJ3GEYJ104V	100K 1/16W	[M]
R110	ERJ3GEYJ470V	47 1/16W	[M]
R111	ERDS1FVJ560T	56 1/2W	[M]
R112	ERDS1FVJ560T	56 1/2W	[M]
R142	ERJ3GEYJ473V	47K 1/16W	[M]
R143	ERJ3GEYJ223V	22K 1/16W	[M]
R152	ERJ3GEYJ473V	47K 1/16W	[M]
R153	ERJ3GEYJ223V	22K 1/16W	[M]
R162	ERJ3GEYJ473V	47K 1/16W	[M]
R163	ERJ3GEYJ223V	22K 1/16W	[M]
R191	ERJ3GEYJ102V	1K 1/16W	[M]
R196	ERJ3GEYJ102V	1K 1/16W	[M]
R197	ERJ3GEYJ102V	1K 1/16W	[M]
R198	ERJ3GEYJ102V	1K 1/16W	[M]
R200	ERJ3GEYJ334V	330K 1/16W	[M]
R201	ERJ3GEYJ221V	220 1/16W	[M]
R202	ERJ3GEYJ220V	22 1/16W	[M]
R203	ERJ3GEYJ1R0V	1 1/16W	[M]
R204	ERJ3GEYJ220V	22 1/16W	[M]
R205	ERJ3GEYJ101V	100 1/16W	[M]
R206	ERJ3GEYJ101V	100 1/16W	[M]
R207	ERJ3GEYJ101V	100 1/16W	[M]
R208	ERJ3GEYJ101V	100 1/16W	[M]
R209	ERJ3GEYJ101V	100 1/16W	[M]
R210	ERJ3GEYJ101V	100 1/16W	[M]
R211	ERJ3GEYJ473V	47K 1/16W	[M]
R212	ERJ3GEYJ103V	10K 1/16W	[M]
R213	ERJ3GEYJ103V	10K 1/16W	[M]
R214	ERJ3GEYJ103V	10K 1/16W	[M]
R215	ERJ3GEYJ101V	100 1/16W	[M]
R216	ERJ3GEYJ101V	100 1/16W	[M]
R217	ERJ3GEYJ103V	10K 1/16W	[M]
R218	ERJ3GEYJ103V	10K 1/16W	[M]
R219	ERJ3GEYJ103V	10K 1/16W	[M]
R220	ERJ3GEYJ103V	10K 1/16W	[M]
R221	ERJ3GEYJ101V	100 1/16W	[M]
R222	ERJ3GEYJ101V	100 1/16W	[M]
R223	ERJ3GEYJ101V	100 1/16W	[M]
R224	ERJ3GEYJ101V	100 1/16W	[M]
R225	ERJ3GEYJ101V	100 1/16W	[M]
R226	ERJ3GEYJ101V	100 1/16W	[M]
R227	ERJ3GEYJ101V	100 1/16W	[M]
R228	ERJ3GEYJ101V	100 1/16W	[M]
R229	ERJ3GEYJ101V	100 1/16W	[M]
R230	ERJ3GEYJ101V	100 1/16W	[M]
R231	ERJ3GEYJ101V	100 1/16W	[M]
R232	ERJ3GEYJ101V	100 1/16W	[M]
R233	ERJ3GEYJ101V	100 1/16W	[M]
R234	ERJ3GEYJ101V	100 1/16W	[M]
R235	ERJ3GEYJ101V	100 1/16W	[M]
R236	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R237	ERJ3GEYJ151V	150 1/16W	[M]
R238	ERJ3GEYJ151V	150 1/16W	[M]
R240	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R241	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R242	ERJ3GEYJ473V	47K 1/16W	[M]
R243	ERJ3GEYJ223V	22K 1/16W	[M]
R244	ERJ3GEYJ822V	8.2K 1/16W	[M]
R245	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R246	ERJ3GEYJ224V	220K 1/16W	[M]
R247	ERJ3GEYJ330V	33 1/16W	[M]
R248	ERJ3GEYJ330V	33 1/16W	[M]
R250	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R251	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R252	ERJ3GEYJ473V	47K 1/16W	[M]
R253	ERJ3GEYJ223V	22K 1/16W	[M]
R254	ERJ3GEYJ103V	10K 1/16W	[M]
R255	ERJ3GEYJ151V	150 1/16W	[M]
R256	ERJ3GEYJ151V	150 1/16W	[M]
R257	ERJ3GEYJ330V	33 1/16W	[M]
R258	ERJ3GEYJ330V	33 1/16W	[M]
R260	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R261	ERJ3GEYJ3R3V	3.3 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R262	ERJ3GEYJ473V	47K 1/16W	[M]
R263	ERJ3GEYJ223V	22K 1/16W	[M]
R264	ERJ3GEYJ103V	10K 1/16W	[M]
R265	ERJ3GEYJ151V	150 1/16W	[M]
R266	ERJ3GEYJ151V	150 1/16W	[M]
R267	ERJ3GEYJ330V	33 1/16W	[M]
R268	ERJ3GEYJ330V	33 1/16W	[M]
R269	ERJ3GEYJ151V	150 1/16W	[M]
R270	ERJ3GEYJ151V	150 1/16W	[M]
R271	ERJ3GEYJ103V	10K 1/16W	[M]
R272	ERJ3GEYJ103V	10K 1/16W	[M]
R273	ERJ3GEYJ562V	5.6K 1/16W	[M]
R274	ERJ3GEYJ562V	5.6K 1/16W	[M]
R275	ERJ3GEYJ562V	5.6K 1/16W	[M]
R276	ERJ3GEYJ562V	5.6K 1/16W	[M]
R277	ERJ3GEYJ151V	150 1/16W	[M]
R278	ERJ3GEYJ151V	150 1/16W	[M]
R279	ERJ3GEYJ393V	39K 1/16W	[M]
R280	ERJ3GEYJ393V	39K 1/16W	[M]
R281	ERJ3GEYJ473V	47K 1/16W	[M]
R282	ERJ3GEYJ473V	47K 1/16W	[M]
R283	ERJ3GEYJ151V	150 1/16W	[M]
R284	ERJ3GEYJ151V	150 1/16W	[M]
R285	ERJ3GEYJ103V	10K 1/16W	[M]
R286	ERJ3GEYJ472V	4.7K 1/16W	[M]
R287	ERJ3GEYJ103V	10K 1/16W	[M]
R288	ERJ3GEYJ473V	47K 1/16W	[M]
R289	ERJ3GEYJ334V	330K 1/16W	[M]
R290	ERJ3GEYJ473V	47K 1/16W	[M]
R291	ERJ3GEYJ102V	1K 1/16W	[M]
R292	ERJ3GEYJ474V	470K 1/16W	[M]
R293	ERJ3GEYJ474V	470K 1/16W	[M]
R294	ERJ3GEYJ222V	2.2K 1/16W	[M]
R295	ERJ3GEYJ222V	2.2K 1/16W	[M]
R296	ERJ3GEYJ102V	1K 1/16W	[M]
R297	ERJ3GEYJ102V	1K 1/16W	[M]
R298	ERJ3GEYJ102V	1K 1/16W	[M]
R299	ERJ3GEYJ470V	47 1/16W	[M]
R301	ERJ3GEYJ750V	75 1/16W	[M]
R302	ERJ3GEYJ750V	75 1/16W	[M]
R303	ERJ3GEYJ750V	75 1/16W	[M]
R304	ERJ3GEYJ750V	75 1/16W	[M]
R305	ERJ3GEYJ750V	75 1/16W	[M]
R306	ERJ3GEYJ103V	10K 1/16W	[M]
R307	ERJ3GEYJ103V	10K 1/16W	[M]
R308	ERJ3GEYJ103V	10K 1/16W	[M]
R309	ERJ3GEYJ102V	1K 1/16W	[M]
R310	ERJ3GEYJ102V	1K 1/16W	[M]
R311	ERJ3GEYJ182V	1.8K 1/16W	[M]
R312	ERJ3GEYJ182V	1.8K 1/16W	[M]
R332	ERJ3GEYJ471V	470 1/16W	[M]
R361	ERJ3GEYJ750V	75 1/16W	[M]
R362	ERJ3GEYJ750V	75 1/16W	[M]
R363	ERJ3GEYJ750V	75 1/16W	[M]
R364	ERJ3GEYJ104V	100K 1/16W	[M]
R365	ERJ3GEYJ104V	100K 1/16W	[M]
R366	ERJ3GEYJ104V	100K 1/16W	[M]
R367	ERJ3GEYJ750V	75 1/16W	[M]
R368	ERJ3GEYJ750V	75 1/16W	[M]
R369	ERJ3GEYJ103V	10K 1/16W	[M]
R370	ERJ3GEYJ103V	10K 1/16W	[M]
R371	ERJ3GEYJ103V	10K 1/16W	[M]
R372	ERJ3GEYJ750V	75 1/16W	[M]
R373	ERJ3GEYJ750V	75 1/16W	[M]
R374	ERJ3GEYJ750V	75 1/16W	[M]
R375	ERJ3GEYJ750V	75 1/16W	[M]
R376	ERJ3GEYJ750V	75 1/16W	[M]
R377	ERJ3GEYJ102V	1K 1/16W	[M]
R378	ERJ3GEYJ102V	1K 1/16W	[M]
R401	ERJ3GEYJ102V	1K 1/16W	[M]
R402	ERJ3GEYJ102V	1K 1/16W	[M]
R403	ERJ3GEYJ102V	1K 1/16W	[M]
R404	ERJ3GEYJ102V	1K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R405	ERJ3GEYJ102V	1K 1/16W	[M]
R406	ERJ3GEYJ102V	1K 1/16W	[M]
R407	ERJ3GEYJ102V	1K 1/16W	[M]
R408	ERJ3GEYJ102V	1K 1/16W	[M]
R409	ERJ3GEYJ102V	1K 1/16W	[M]
R410	ERJ3GEYJ102V	1K 1/16W	[M]
R411	ERJ3GEYJ102V	1K 1/16W	[M]
R412	ERJ3GEYJ102V	1K 1/16W	[M]
R413	ERJ3GEYJ102V	1K 1/16W	[M]
R414	ERJ3GEYJ102V	1K 1/16W	[M]
R415	ERJ3GEYJ102V	1K 1/16W	[M]
R416	ERJ3GEYJ102V	1K 1/16W	[M]
R417	ERJ3GEYJ102V	1K 1/16W	[M]
R418	ERJ3GEYJ102V	1K 1/16W	[M]
R419	ERJ3GEYJ102V	1K 1/16W	[M]
R420	ERJ3GEYJ103V	10K 1/16W	[M]
R422	ERJ3GEYJ103V	10K 1/16W	[M]
R423	ERJ3GEYJ103V	10K 1/16W	[M]
R451	ERJ3GEYJ102V	1K 1/16W	[M]
R452	ERJ3GEYJ102V	1K 1/16W	[M]
R453	ERJ3GEYJ104V	100K 1/16W	[M]
R454	ERJ3GEYJ104V	100K 1/16W	[M]
R455	ERJ3GEYJ473V	47K 1/16W	[M]
R456	ERJ3GEYJ473V	47K 1/16W	[M]
R457	ERJ3GEYJ332V	3.3K 1/16W	[M]
R458	ERJ3GEYJ332V	3.3K 1/16W	[M]
R459	ERJ3GEYJ182V	1.8K 1/16W	[M]
R460	ERJ3GEYJ182V	1.8K 1/16W	[M]
R461	ERJ3GEYJ102V	1K 1/16W	[M]
R462	ERJ3GEYJ824V	820K 1/16W	[M]
R463	ERJ3GEYJ564V	560K 1/16W	[M]
R464	ERJ3GEYJ222V	2.2K 1/16W	[M]
R465	ERJ3GEYJ822V	8.2K 1/16W	[M]
R466	ERJ3GEYJ822V	8.2K 1/16W	[M]
R467	ERJ3GEYJ472V	4.7K 1/16W	[M]
R468	ERJ3GEYJ472V	4.7K 1/16W	[M]
R469	ERJ3GEYJ103V	10K 1/16W	[M]
R470	ERJ3GEYJ103V	10K 1/16W	[M]
R471	ERJ3GEYJ103V	10K 1/16W	[M]
R472	ERJ3GEYJ103V	10K 1/16W	[M]
R473	ERJ3GEYJ103V	10K 1/16W	[M]
R474	ERJ3GEYJ103V	10K 1/16W	[M]
R475	ERJ3GEYJ102V	1K 1/16W	[M]
R476	ERJ3GEYJ102V	1K 1/16W	[M]
R477	ERJ3GEYJ104V	100K 1/16W	[M]
R478	ERJ3GEYJ104V	100K 1/16W	[M]
R479	ERJ3GEYJ473V	47K 1/16W	[M]
R480	ERJ3GEYJ473V	47K 1/16W	[M]
R481	ERJ3GEYJ332V	3.3K 1/16W	[M]
R482	ERJ3GEYJ332V	3.3K 1/16W	[M]
R483	ERJ3GEYJ182V	1.8K 1/16W	[M]
R484	ERJ3GEYJ182V	1.8K 1/16W	[M]
R485	ERJ3GEYJ102V	1K 1/16W	[M]
R486	ERJ3GEYJ824V	820K 1/16W	[M]
R487	ERJ3GEYJ564V	560K 1/16W	[M]
R488	ERJ3GEYJ222V	2.2K 1/16W	[M]
R489	ERJ3GEYJ822V	8.2K 1/16W	[M]
R490	ERJ3GEYJ822V	8.2K 1/16W	[M]
R491	ERJ3GEYJ472V	4.7K 1/16W	[M]
R492	ERJ3GEYJ472V	4.7K 1/16W	[M]
R493	ERJ3GEYJ103V	10K 1/16W	[M]
R494	ERJ3GEYJ103V	10K 1/16W	[M]
R495	ERJ3GEYJ103V	10K 1/16W	[M]
R496	ERJ3GEYJ103V	10K 1/16W	[M]
R497	ERJ3GEYJ103V	10K 1/16W	[M]
R498	ERJ3GEYJ103V	10K 1/16W	[M]
R499	ERJ3GEYJ102V	1K 1/16W	[M]
R500	ERJ3GEYJ102V	1K 1/16W	[M]
R501	ERJ3GEYJ104V	100K 1/16W	[M]
R502	ERJ3GEYJ104V	100K 1/16W	[M]
R503	ERJ3GEYJ473V	47K 1/16W	[M]
R504	ERJ3GEYJ473V	47K 1/16W	[M]
R505	ERJ3GEYJ332V	3.3K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R506	ERJ3GEYJ332V	3.3K 1/16W	[M]
R507	ERJ3GEYJ182V	1.8K 1/16W	[M]
R508	ERJ3GEYJ182V	1.8K 1/16W	[M]
R509	ERJ3GEYJ102V	1K 1/16W	[M]
R510	ERJ3GEYJ824V	820K 1/16W	[M]
R511	ERJ3GEYJ564V	560K 1/16W	[M]
R512	ERJ3GEYJ222V	2.2K 1/16W	[M]
R513	ERJ3GEYJ822V	8.2K 1/16W	[M]
R514	ERJ3GEYJ822V	8.2K 1/16W	[M]
R515	ERJ3GEYJ472V	4.7K 1/16W	[M]
R516	ERJ3GEYJ472V	4.7K 1/16W	[M]
R517	ERJ3GEYJ103V	10K 1/16W	[M]
R518	ERJ3GEYJ103V	10K 1/16W	[M]
R519	ERJ3GEYJ103V	10K 1/16W	[M]
R520	ERJ3GEYJ103V	10K 1/16W	[M]
R521	ERJ3GEYJ103V	10K 1/16W	[M]
R522	ERJ3GEYJ103V	10K 1/16W	[M]
R535	ERJ6GEYJ100V	10 1/10W	[M]
R536	ERDS1FVJ220T	22 1/2W	[M]
R537	ERJ3GEYJ563V	56K 1/16W	[M]
R538	ERJ3GEYJ103V	10K 1/16W	[M]
R539	ERJ3GEYJ103V	10K 1/16W	[M]
R540	ERJ3GEYJ101V	100 1/16W	[M]
R541	ERJ3GEYJ563V	56K 1/16W	[M]
R542	ERJ3GEYJ562V	5.6K 1/16W	[M]
R543	ERJ3GEYJ103V	10K 1/16W	[M]
R544	ERJ3GEYJ103V	10K 1/16W	[M]
R545	ERJ3GEYJ563V	56K 1/16W	[M]
R546	D0GB4R7JA002	4.7 1/16W	[M]
R549	ERJ3GEYJ4R7V	4.7 1/16W	[M]
R552	ERJ3GEYJ470V	47 1/16W	[M]
R553	ERJ3GEYJ470V	47 1/16W	[M]
R554	ERJ3GEYJ750V	75 1/16W	[M]
R557	ERJ3GEYJ100V	10 1/16W	[M]
R558	ERJ3GEYJ103V	10K 1/16W	[M]
R566	ERG3SJ470P	47 3W	[M]
R567	ERG3SJ470P	47 3W	[M]
R568	ERJ3GEYJ222V	2.2K 1/16W	[M]
R601	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R602	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R604	ERJ3GEYJ105V	1M 1/16W	[M]
R605	ERJ3GEYJ103V	10K 1/16W	[M]
R606	ERJ3GEYJ103V	10K 1/16W	[M]
R607	ERJ3GEYJ1R0V	1 1/16W	[M]
R608	ERJ3GEYJ1R0V	1 1/16W	[M]
R611	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R612	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R615	ERJ3GEYJ103V	10K 1/16W	[M]
R616	ERJ3GEYJ103V	10K 1/16W	[M]
R617	ERJ3GEYJ1R0V	1 1/16W	[M]
R618	ERJ3GEYJ1R0V	1 1/16W	[M]
R621	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R622	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R625	ERJ3GEYJ103V	10K 1/16W	[M]
R626	ERJ3GEYJ103V	10K 1/16W	[M]
R627	ERJ3GEYJ1R0V	1 1/16W	[M]
R628	ERJ3GEYJ1R0V	1 1/16W	[M]
R631	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R632	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R637	ERJ3GEYJ1R0V	1 1/16W	[M]
R638	ERJ3GEYJ1R0V	1 1/16W	[M]
R641	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R642	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R647	ERJ3GEYJ1R0V	1 1/16W	[M]
R648	ERJ3GEYJ1R0V	1 1/16W	[M]
R651	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R652	ERJ3GEYJ3R3V	3.3 1/16W	[M]
R657	ERJ3GEYJ1R0V	1 1/16W	[M]
R658	ERJ3GEYJ1R0V	1 1/16W	[M]
R661	ERJ6GEYJ100V	10 1/10W	[M]
R662	ERJ6GEYJ100V	10 1/10W	[M]
R663	ERJ6GEYJ100V	10 1/10W	[M]
R664	ERJ6GEYJ100V	10 1/10W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R665	ERJ6GEYJ100V	10 1/10W	[M]
R666	ERJ6GEYJ100V	10 1/10W	[M]
R667	ERJ6GEYJ100V	10 1/10W	[M]
R668	ERJ6GEYJ100V	10 1/10W	[M]
R669	ERJ6GEYJ100V	10 1/10W	[M]
R670	ERJ6GEYJ100V	10 1/10W	[M]
R671	ERJ6GEYJ100V	10 1/10W	[M]
R672	ERJ6GEYJ100V	10 1/10W	[M]
R681	ERJ14YJ472U	4.7K 1/4W	[M]
R682	ERJ14YJ472U	4.7K 1/4W	[M]
R683	ERJ14YJ472U	4.7K 1/4W	[M]
R684	ERJ14YJ472U	4.7K 1/4W	[M]
R685	ERJ14YJ472U	4.7K 1/4W	[M]
R686	ERJ14YJ472U	4.7K 1/4W	[M]
R687	ERJ14YJ472U	4.7K 1/4W	[M]
R688	ERJ14YJ472U	4.7K 1/4W	[M]
R689	ERJ14YJ472U	4.7K 1/4W	[M]
R690	ERJ14YJ472U	4.7K 1/4W	[M]
R691	ERJ14YJ472U	4.7K 1/4W	[M]
R692	ERJ14YJ472U	4.7K 1/4W	[M]
R697	ERJ3GEYJ104V	100K 1/16W	[M]
R702	ERG2SJ683P	68K 2W	[M]
R703	ERDS2TJ681T	680 1/4W	[M]
R704	ERX2LJ68MP	0.68 2W	[M]
R706	ERDS2TJ104T	100K 1/4W	[M]
R707	ERDS2TJ104T	100K 1/4W	[M]
R708	ERDS2TJ332T	3.3K 1/4W	[M]
R709	ERDS2TJ222T	2.2K 1/4W	[M]
R710	ERDS2TJ103T	10K 1/4W	[M]
R711	ERDS2TJ220T	22 1/4W	[M]
R712	ERDS2TJ272T	2.7K 1/4W	[M]
R713	ERD25FVJ151T	150 1/4W	[M]
R714	ER0S2THF4701	47 1/4W	[M]
R715	ER0S2THF1201	12 1/4W	[M]
R716	ERDS2TJ103T	10K 1/4W	[M]
R717	ERJ3EKF3902V	39 3W	[M]
R718	ERJ3EKF6802V	68 3W	[M]
R719	ERJ3GEYJ473V	47K 1/16W	[M]
R720	ERJ3GEYJ332V	3.3K 1/16W	[M]
R721	ERJ3EKF3900V	39 3W	[M]
R722	ERJ3EKF3900V	39 3W	[M]
R723	ERDS2TJ103T	10K 1/4W	[M]
R724	ERDS2TJ103T	10K 1/4W	[M]
R725	ERDS2TJ222T	2.2K 1/4W	[M]
R726	ERDS2TJ332T	3.3K 1/4W	[M]
R727	ERDS2TJ102T	1K 1/4W	[M]
R728	ERDS2TJ220T	22 1/4W	[M]
R729	ERDS2TJ223T	22K 1/4W	[M]
R730	ERJ3GEYJ472V	4.7K 1/16W	[M]
R731	ERDS1FVJ222T	2.2K 1/2W	[M]
R732	ERX2LJ82MP	0.82 2W	[M]
R733	ERJ3EKF6801V	68 3W	[M]
R734	ERJ3EKF4701V	47 3W	[M]
R735	ERJ3GEYJ154V	150K 1/16W	[M]
R736	ERJ3GEYJ102V	1K 1/16W	[M]
R737	ERJ3GEYJ103V	10K 1/16W	[M]
R738	ERJ3GEYJ683V	68K 1/16W	[M]
R739	D0GB823JA002	82K 1/16W	[M]
R740	ERJ3GEYJ682V	6.8K 1/16W	[M]
R741	ERJ3GEYJ101V	100 1/16W	[M]
R742	ERJ3GEYJ183V	18K 1/16W	[M]
R743	ERDS1FVJ220T	22 1/2W	[M]
R744	ERDS1FVJ4R7T	4.7 1/2W	[M]
R745	ERJ3GEYJ223V	22K 1/16W	[M]
R746	ERJ3GEYJ683V	68K 1/16W	[M]
R747	D0GB124JA002	120K 1/16W	[M]
R748	ERJ3GEYJ223V	22K 1/16W	[M]
R749	ERJ3GEYJ222V	2.2K 1/16W	[M]
R750	ERJ3GEYJ473V	47K 1/16W	[M]
R798	ERJ3GEYJ473V	47K 1/16W	[M]
R799	ERJ3GEYJ101V	100 1/16W	[M]
R800	ERJ3GEYJ101V	100 1/16W	[M]
R801	ERJ3GEYJ681V	680 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R802	ERJ3GEYJ331V	330 1/16W	[M]
R803	ERJ3GEYJ473V	47K 1/16W	[M]
R804	ERJ3GEYJ104V	100K 1/16W	[M]
R805	ERJ3GEYJ472V	4.7K 1/16W	[M]
R806	ERJ3GEYJ223V	22K 1/16W	[M]
R807	ERJ3GEYJ472V	4.7K 1/16W	[M]
R808	ERJ3GEYJ103V	10K 1/16W	[M]
R809	ERJ3GEYJ103V	10K 1/16W	[M]
R810	ERJ3GEYJ103V	10K 1/16W	[M]
R811	ERJ3GEYJ333V	33K 1/16W	[M]
R812	ERJ3GEYJ333V	33K 1/16W	[M]
R813	ERJ3GEYJ473V	47K 1/16W	[M]
R814	ERJ3GEYJ223V	22K 1/16W	[M]
R815	ERJ3GEYJ103V	10K 1/16W	[M]
R816	ERJ3GEYJ103V	10K 1/16W	[M]
R817	ERJ3GEYJ473V	47K 1/16W	[M]
R818	ERJ3GEYJ473V	47K 1/16W	[M]
R819	ERJ3GEYJ473V	47K 1/16W	[M]
R820	ERJ3GEYJ470V	47 1/16W	[M]
R821	ERJ3GEYJ470V	47 1/16W	[M]
R822	ERJ3GEYJ470V	47 1/16W	[M]
R823	ERJ3GEYJ470V	47 1/16W	[M]
R824	ERJ3GEYJ470V	47 1/16W	[M]
R825	ERJ3GEYJ470V	47 1/16W	[M]
R826	ERJ3GEYJ470V	47 1/16W	[M]
R827	ERJ3GEYJ470V	47 1/16W	[M]
R830	ERJ3GEYJ101V	100 1/16W	[M]
R831	ERJ3GEYJ101V	100 1/16W	[M]
R832	ERJ3GEYJ101V	100 1/16W	[M]
R833	ERJ3GEYJ101V	100 1/16W	[M]
R834	ERJ3GEYJ101V	100 1/16W	[M]
R835	ERJ3GEYJ101V	100 1/16W	[M]
R836	ERJ3GEYJ101V	100 1/16W	[M]
R837	ERJ3GEYJ101V	100 1/16W	[M]
R838	ERJ3GEYJ101V	100 1/16W	[M]
R839	ERJ3GEYJ101V	100 1/16W	[M]
R840	ERJ3GEYJ101V	100 1/16W	[M]
R841	ERJ3GEYJ101V	100 1/16W	[M]
R842	ERJ3GEYJ101V	100 1/16W	[M]
R843	ERJ3GEYJ101V	100 1/16W	[M]
R844	ERJ3GEYJ101V	100 1/16W	[M]
R845	ERJ3GEYJ101V	100 1/16W	[M]
R846	ERJ3GEYJ101V	100 1/16W	[M]
R847	ERJ3GEYJ101V	100 1/16W	[M]
R848	ERJ3GEYJ101V	100 1/16W	[M]
R849	ERJ3GEYJ101V	100 1/16W	[M]
R850	ERJ3GEYJ101V	100 1/16W	[M]
R851	ERJ3GEYJ101V	100 1/16W	[M]
R852	ERJ3GEYJ101V	100 1/16W	[M]
R853	ERJ3GEYJ101V	100 1/16W	[M]
R854	ERJ3GEYJ101V	100 1/16W	[M]
R855	ERJ3GEYJ104V	100K 1/16W	[M]
R856	ERJ3GEYJ101V	100 1/16W	[M]
R857	ERJ3GEYJ101V	100 1/16W	[M]
R858	ERJ3GEYJ101V	100 1/16W	[M]
R859	ERJ3GEYJ101V	100 1/16W	[M]
R860	ERJ3GEYJ101V	100 1/16W	[M]
R861	ERJ3GEYJ101V	100 1/16W	[M]
R862	ERJ3GEYJ101V	100 1/16W	[M]
R863	ERJ3GEYJ101V	100 1/16W	[M]
R864	ERJ3GEYJ101V	100 1/16W	[M]
R865	ERJ3GEYJ101V	100 1/16W	[M]
R866	ERJ3GEYJ101V	100 1/16W	[M]
R867	ERJ3GEYJ101V	100 1/16W	[M]
R868	ERJ3GEYJ101V	100 1/16W	[M]
R869	ERJ3GEYJ101V	100 1/16W	[M]
R870	ERJ3GEYJ101V	100 1/16W	[M]
R871	ERJ3GEYJ101V	100 1/16W	[M]
R872	ERJ3GEYJ101V	100 1/16W	[M]
R873	ERJ3GEYJ101V	100 1/16W	[M]
R874	ERJ3GEYJ102V	1K 1/16W	[M]
R875	ERJ3GEYJ103V	10K 1/16W	[M]
R876	ERJ3GEYJ101V	100 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R877	ERJ3GEYJ103V	10K 1/16W	[M]
R878	ERJ3GEYJ101V	100 1/16W	[M]
R879	ERJ3GEYJ473V	47K 1/16W	[M]
R880	ERJ3GEYJ224V	220K 1/16W	[M]
R881	ERJ3GEYJ183V	18K 1/16W	[M]
R882	ERJ3GEYJ183V	18K 1/16W	[M]
R883	ERJ3GEYJ473V	47K 1/16W	[M]
R884	ERJ3GEYJ473V	47K 1/16W	[M]
R885	ERJ3GEYJ183V	18K 1/16W	[M]
R886	ERJ3GEYJ183V	18K 1/16W	[M]
R887	ERJ3GEYJ473V	47K 1/16W	[M]
R888	ERJ3GEYJ473V	47K 1/16W	[M]
R889	ERJ3GEYJ183V	18K 1/16W	[M]
R890	ERJ3GEYJ183V	18K 1/16W	[M]
R891	ERJ3GEYJ473V	47K 1/16W	[M]
R892	ERJ3GEYJ473V	47K 1/16W	[M]
R893	ERJ3GEYJ473V	47K 1/16W	[M]
R894	ERJ3GEYJ472V	4.7K 1/16W	[M]
R895	ERJ3GEYJ1R0V	1 1/16W	[M]
R896	ERJ3GEYJ1R0V	1 1/16W	[M]
R901	ERJ3GEYJ101V	100 1/16W	[M]
R902	ERJ3GEYJ104V	100K 1/16W	[M]
R905	D0GB823JA002	82K 1/16W	[M]
R906	ERJ3GEYJ102V	1K 1/16W	[M]
R907	ERJ3GEYJ102V	1K 1/16W	[M]
R908	ERJ3GEYJ102V	1K 1/16W	[M]
R909	ERJ3GEYJ101V	100 1/16W	[M]
R910	ERJ3GEYJ101V	100 1/16W	[M]
R911	ERJ3GEYJ101V	100 1/16W	[M]
R912	ERJ3GEYJ150V	15 1/16W	[M]
R913	ERJ3GEYJ150V	15 1/16W	[M]
R914	ERJ3GEYJ271V	270 1/16W	[M]
R921	ERJ3GEYJ101V	100 1/16W	[M]
R924	ERD25FVJ6R8T	6.8 1/4W	[M]
R941	ERJ3GEYJ271V	270 1/16W	[M]
R942	ERJ3GEYJ271V	270 1/16W	[M]
R943	ERJ3GEYJ271V	270 1/16W	[M]
R944	ERJ3GEYJ271V	270 1/16W	[M]
R945	ERJ3GEYJ271V	270 1/16W	[M]
R946	ERJ3GEYJ271V	270 1/16W	[M]
R947	ERJ3GEYJ271V	270 1/16W	[M]
R949	ERJ3GEYJ220V	22 1/16W	[M]
R951	ERJ3GEYJ101V	100 1/16W	[M]
R952	ERJ3GEYJ101V	100 1/16W	[M]
R953	ERJ3GEYJ101V	100 1/16W	[M]
R961	ERJ3GEYJ102V	1K 1/16W	[M]
R962	ERJ3GEYJ122V	1.2K 1/16W	[M]
R963	ERJ3GEYJ152V	1.5K 1/16W	[M]
R964	ERJ3GEYJ182V	1.8K 1/16W	[M]
R965	ERJ3GEYJ222V	2.2K 1/16W	[M]
R966	ERJ3GEYJ102V	1K 1/16W	[M]
R968	ERJ3GEYJ122V	1.2K 1/16W	[M]
R969	ERJ3GEYJ152V	1.5K 1/16W	[M]
R1001	ERJ3GEYJ103V	10K 1/16W	[M]
R1002	ERJ3GEYJ101V	100 1/16W	[M]
R1003	ERJ3GEYJ101V	100 1/16W	[M]
R1004	ERJ3GEYJ101V	100 1/16W	[M]
R1005	ERJ3GEYJ101V	100 1/16W	[M]
R1006	ERJ3GEYJ101V	100 1/16W	[M]
R1007	ERJ3GEYJ101V	100 1/16W	[M]
R1008	ERJ3GEYJ101V	100 1/16W	[M]
R1009	ERJ3GEYJ101V	100 1/16W	[M]
R1010	ERJ3GEYJ681V	680 1/16W	[M]
R1011	ERJ3GEYJ105V	1M 1/16W	[M]
R1012	ERJ3GEYJ105V	1M 1/16W	[M]
R1013	ERJ3GEYJ471V	470 1/16W	[M]
R1014	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1015	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1016	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1017	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1018	ERJ3GEYJ330V	33 1/16W	[M]
R1019	ERJ3GEYJ103V	10K 1/16W	[M]
R1020	ERJ3GEYJ103V	10K 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R1021	ERJ3GEYJ330V	33 1/16W	[M]
R1022	ERJ3GEYJ330V	33 1/16W	[M]
R1023	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1024	ERJ3GEYJ103V	10K 1/16W	[M]
R1025	ERJ3GEYJ103V	10K 1/16W	[M]
R1026	ERJ3GEYJ103V	10K 1/16W	[M]
R1027	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1028	ERJ3GEYJ103V	10K 1/16W	[M]
R1029	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1030	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1031	ERJ3GEYJ103V	10K 1/16W	[M]
R1032	ERJ3GEYJ103V	10K 1/16W	[M]
R1033	ERJ3GEYJ103V	10K 1/16W	[M]
R1034	ERJ3GEYJ103V	10K 1/16W	[M]
R1035	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1036	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1037	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1038	ERJ3GEYJ103V	10K 1/16W	[M]
R1039	ERJ3GEYJ332V	3.3K 1/16W	[M]
R1040	ERJ3GEYJ330V	33 1/16W	[M]
R1041	ERJ3GEYJ330V	33 1/16W	[M]
R1042	ERJ3GEYJ330V	33 1/16W	[M]
R1043	ERJ3GEYJ330V	33 1/16W	[M]
R1044	ERJ3GEYJ103V	10K 1/16W	[M]
R1045	ERJ3GEYJ103V	10K 1/16W	[M]
R1046	ERJ3GEYJ330V	33 1/16W	[M]
R1047	ERJ3GEYJ103V	10K 1/16W	[M]
R1048	ERJ3GEYJ330V	33 1/16W	[M]
R1049	ERJ3GEYJ103V	10K 1/16W	[M]
R1050	ERJ3GEYJ330V	33 1/16W	[M]
R1051	ERJ3GEYJ101V	100 1/16W	[M]
R1052	ERJ3GEYJ101V	100 1/16W	[M]
R1053	ERJ3GEYJ101V	100 1/16W	[M]
R1054	ERJ3GEYJ103V	10K 1/16W	[M]
R1055	ERJ3GEYJ103V	10K 1/16W	[M]
R1056	ERJ3GEYJ101V	100 1/16W	[M]
R1057	ERJ3GEYJ471V	470 1/16W	[M]
R1058	ERJ3GEYJ471V	470 1/16W	[M]
R1059	ERJ3GEYJ471V	470 1/16W	[M]
R1060	ERJ3GEYJ470V	47 1/16W	[M]
R1061	ERJ3GEYJ183V	18K 1/16W	[M]
R1062	ERJ3GEYJ302V	3K 1/16W	[M]
R1063	ERJ3GEYJ103V	10K 1/16W	[M]
R1064	ERJ3GEYJ103V	10K 1/16W	[M]
R1065	ERJ3GEYJ103V	10K 1/16W	[M]
R1066	ERJ3GEYJ103V	10K 1/16W	[M]
R1067	ERJ3GEYJ103V	10K 1/16W	[M]
R1068	ERJ3GEYJ103V	10K 1/16W	[M]
R1069	ERJ3GEYJ103V	10K 1/16W	[M]
R1070	ERJ3GEYJ103V	10K 1/16W	[M]
R1071	ERJ3GEYJ330V	33 1/16W	[M]
R1072	ERJ3GEYJ103V	10K 1/16W	[M]
R1073	ERJ3GEYJ330V	33 1/16W	[M]
R1074	ERJ3GEYJ330V	33 1/16W	[M]
R1075	ERJ3GEYJ103V	10K 1/16W	[M]
R1076	ERJ3GEYJ330V	33 1/16W	[M]
R1077	ERJ3GEYJ330V	33 1/16W	[M]
R1078	ERJ3GEYJ330V	33 1/16W	[M]
R1079	ERJ3GEYJ330V	33 1/16W	[M]
R1080	ERJ3GEYJ330V	33 1/16W	[M]
R1081	ERJ3GEYJ330V	33 1/16W	[M]
R1082	ERJ3GEYJ103V	10K 1/16W	[M]
R1083	ERJ3GEYJ103V	10K 1/16W	[M]
R1084	ERJ3GEYJ103V	10K 1/16W	[M]
R1085	ERJ3GEYJ103V	10K 1/16W	[M]
R1086	ERJ3GEYJ103V	10K 1/16W	[M]
R1087	ERJ3GEYJ103V	10K 1/16W	[M]
R1088	ERJ3GEYJ103V	10K 1/16W	[M]
R1089	ERJ3GEYJ103V	10K 1/16W	[M]
R1090	ERJ3GEYJ103V	10K 1/16W	[M]
R1091	ERJ3GEYJ330V	33 1/16W	[M]
R1092	ERJ3GEYJ330V	33 1/16W	[M]
R1093	ERJ3GEYJ330V	33 1/16W	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
R1094	ERJ3GEYJ330V	33 1/16W	[M]
R1095	ERJ3GEYJ330V	33 1/16W	[M]
R1096	ERJ3GEYJ330V	33 1/16W	[M]
R1097	ERJ3GEYJ151V	150 1/16W	[M]
R1098	ERJ3GEYJ104V	100K 1/16W	[M]
R1099	ERJ3GEYJ104V	100K 1/16W	[M]
R1100	ERJ3GEYJ151V	150 1/16W	[M]
R1101	ERJ3GEYJ151V	150 1/16W	[M]
R1102	ERJ3GEYJ151V	150 1/16W	[M]
R1103	ERJ3GEYJ102V	1K 1/16W	[M]
R1104	ERJ3GEYJ103V	10K 1/16W	[M]
R1105	ERJ3GEYJ103V	10K 1/16W	[M]
R1106	ERJ3GEYJ151V	150 1/16W	[M]
R1107	ERJ3GEYJ151V	150 1/16W	[M]
R1108	ERJ3GEYJ101V	100 1/16W	[M]
R1109	ERJ3GEYJ101V	100 1/16W	[M]
R1110	ERJ3GEYJ101V	100 1/16W	[M]
R1111	ERJ3GEYJ101V	100 1/16W	[M]
R1112	ERJ3GEYJ101V	100 1/16W	[M]
R1113	ERJ3GEYJ101V	100 1/16W	[M]
R1114	ERJ3GEYJ101V	100 1/16W	[M]
R1115	ERJ3GEYJ101V	100 1/16W	[M]
R1116	ERJ3GEYJ151V	150 1/16W	[M]
R1117	ERJ3GEYJ151V	150 1/16W	[M]
R1118	ERJ3GEYJ102V	1K 1/16W	[M]
R1119	ERJ3GEYJ101V	100 1/16W	[M]
R1120	ERJ3GEYJ101V	100 1/16W	[M]
R1121	ERJ3GEYJ101V	100 1/16W	[M]
R1122	ERJ3GEYJ101V	100 1/16W	[M]
R1123	ERJ3GEYJ101V	100 1/16W	[M]
R1124	ERJ3GEYJ104V	100K 1/16W	[M]
R1125	ERJ3GEYJ101V	100 1/16W	[M]
R1126	ERJ3GEYJ102V	1K 1/16W	[M]
R1127	ERJ3GEYJ102V	1K 1/16W	[M]
R1129	ERJ3GEYJ102V	1K 1/16W	[M]
R1130	ERJ3GEYJ101V	100 1/16W	[M]
R1131	ERJ3GEYJ102V	1K 1/16W	[M]
R1132	ERJ3GEYJ102V	1K 1/16W	[M]
R1133	ERJ3GEYJ101V	100 1/16W	[M]
R1134	ERJ3GEYJ102V	1K 1/16W	[M]
R1135	ERJ3GEYJ101V	100 1/16W	[M]
R1136	ERJ3GEYJ101V	100 1/16W	[M]
R1137	ERJ3GEYJ101V	100 1/16W	[M]
R1138	ERJ3GEYJ101V	100 1/16W	[M]
R1139	ERJ3GEYJ101V	100 1/16W	[M]
R1140	ERJ3GEYJ101V	100 1/16W	[M]
R1141	ERJ3GEYJ103V	10K 1/16W	[M]
R1142	ERJ3GEYJ102V	1K 1/16W	[M]
R1143	ERJ3GEYJ101V	100 1/16W	[M]
R1144	ERJ3GEYJ102V	1K 1/16W	[M]
R1145	ERJ3GEYJ101V	100 1/16W	[M]
R1146	ERJ3GEYJ103V	10K 1/16W	[M]
R1147	ERJ3GEYJ101V	100 1/16W	[M]
R1148	ERJ3GEYJ151V	150 1/16W	[M]
R1149	ERJ3GEYJ101V	100 1/16W	[M]
R1150	ERJ3GEYJ101V	100 1/16W	[M]
R1151	ERJ3GEYJ151V	150 1/16W	[M]
R1156	ERJ3GEYJ101V	100 1/16W	[M]
R1157	ERJ3GEYJ103V	10K 1/16W	[M]
R1158	ERJ3GEYJ330V	33 1/16W	[M]
R1159	ERJ3GEYJ151V	150 1/16W	[M]
R1160	ERJ3GEYJ151V	150 1/16W	[M]
R1166	ERJ3GEYJ104V	100K 1/16W	[M]
R1167	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1168	ERJ3GEYJ472V	4.7K 1/16W	[M]
R1169	ERJ3GEYJ330V	33 1/16W	[M]
R1170	ERJ3GEYJ330V	33 1/16W	[M]
R1171	ERJ3GEYJ103V	10K 1/16W	[M]
R1172	ERJ3GEYJ103V	10K 1/16W	[M]
R1173	ERJ3GEYJ103V	10K 1/16W	[M]
R1180	ERJ3GEYJ330V	33 1/16W	[M]
R1181	ERJ3GEYJ330V	33 1/16W	[M]
R1182	ERJ3GEYJ330V	33 1/16W	[M]
R1183	ERJ3GEYJ330V	33 1/16W	[M]
R1184	ERJ3GEYJ330V	33 1/16W	[M]
R1185	ERJ3GEYJ330V	33 1/16W	[M]
R1186	ERJ3GEYJ330V	33 1/16W	[M]
R1187	ERJ3GEYJ330V	33 1/16W	[M]
R9201	ERJ3GEYJ560V	56 1/16W	[M]
R9202	ERJ3GEYJ560V	56 1/16W	[M]
JA101	ERJ3GEY0R00V	0 1/16W	[M]
JA102	ERJ3GEY0R00V	0 1/16W	[M]
JA111	ERJ3GEY0R00V	0 1/16W	[M]
JA112	ERJ3GEY0R00V	0 1/16W	[M]
JA113	ERJ3GEY0R00V	0 1/16W	[M]
JA114	ERJ3GEY0R00V	0 1/16W	[M]
JA115	ERJ3GEY0R00V	0 1/16W	[M]
JA117	ERJ3GEY0R00V	0 1/16W	[M]
JA118	ERJ3GEY0R00V	0 1/16W	[M]
JA119	ERJ3GEY0R00V	0 1/16W	[M]
JA120	ERJ3GEY0R00V	0 1/16W	[M]
JA121	ERJ3GEY0R00V	0 1/16W	[M]
JA122	ERJ3GEY0R00V	0 1/16W	[M]
JA123	ERJ3GEY0R00V	0 1/16W	[M]
JA124	ERJ3GEY0R00V	0 1/16W	[M]
JA203	ERJ6GEY0R00V	0 1/10W	[M]
JA204	ERJ6GEY0R00V	0 1/10W	[M]
JA205	ERJ6GEY0R00V	0 1/10W	[M]
JA206	ERJ6GEY0R00V	0 1/10W	[M]
JA208	ERJ6GEY0R00V	0 1/10W	[M]
JA210	ERJ6GEY0R00V	0 1/10W	[M]
JA211	ERJ6GEY0R00V	0 1/10W	[M]
JA212	ERJ6GEY0R00V	0 1/10W	[M]
JA213	ERJ6GEY0R00V	0 1/10W	[M]
JA214	ERJ6GEY0R00V	0 1/10W	[M]
JA215	ERJ6GEY0R00V	0 1/10W	[M]
JA216	ERJ6GEY0R00V	0 1/10W	[M]
JA217	ERJ6GEY0R00V	0 1/10W	[M]
JA218	ERJ6GEY0R00V	0 1/10W	[M]
JA566	ERJ6GEY0R00V	0 1/10W	[M]
JA567	ERJ6GEY0R00V	0 1/10W	[M]
		CAPACITORS	
C101	ECUV1H103KBV	0.01 50V	[M]
C102	ECA1CAK470XB	47 16V	[M]
C103	ECA1CAK100XB	10 16V	[M]
C104	ECJ1VB1H331K	330P 50V	[M]
C105	ECA1CAK470XB	47 16V	[M]
C106	ECUV1H561KBV	560P 50V	[M]
C107	ECJ1VB1H102K	1000P 50V	[M]
C108	ECA1CAK470XB	47 16V	[M]
C109	ECJ1VB1H102K	1000P 50V	[M]
C110	ECUV1H103KBV	0.01 50V	[M]
C111	ECJ1VC1H470J	47P 50V	[M]
C112	ECJ1VC1H470J	47P 50V	[M]
C142	ECUVNC104KBV	0.1 16V	[M]
C157	ECUVNC104KBV	0.1 16V	[M]
C177	ECUVNC104KBV	0.1 16V	[M]
C200	ECUV1H102JCV	1000P 50V	[M]
C201	F1H1H473A748	0.047 50V	[M]
C202	ECJ1VB1H472K	4700P 50V	[M]
C203	ECUVNC104KBV	0.1 16V	[M]
C204	ECUVNC104KBV	0.1 16V	[M]
C205	ECUVNC104KBV	0.1 16V	[M]
C206	ECUVNC104KBV	0.1 16V	[M]
C207	ECUVNC104KBV	0.1 16V	[M]
C208	ECUVNC104KBV	0.1 16V	[M]
C209	ECEV1CA100SR	10 16V	[M]
C210	ECUVNC104KBV	0.1 16V	[M]
C211	ECEV1CA100SR	10 16V	[M]
C212	ECEV1CA100SR	10 16V	[M]
C213	ECEV1CA100SR	10 16V	[M]
C214	ECUV1H102JCV	1000P 50V	[M]
C215	ECJ1VB1H102K	1000P 50V	[M]
C216	ECJ1VB1H102K	1000P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C217	ECUVNC104KBV	0.1 16V	[M]
C218	ECUVNC104KBV	0.1 16V	[M]
C219	ECUVNC104KBV	0.1 16V	[M]
C220	ECEV1CA470SP	47 16V	[M]
C221	ECUVNC104KBV	0.1 16V	[M]
C222	ECEV1CA470SP	47 16V	[M]
C223	ECUVNC104KBV	0.1 16V	[M]
C224	ECUVNC104KBV	0.1 16V	[M]
C225	ECEV1HA2R2SR	2.2 50V	[M]
C226	ECEV1AA220WR	22 10V	[M]
C227	ECEV1AA220WR	22 10V	[M]
C228	ECEV1AA220WR	22 10V	[M]
C229	ECJ1VB0J105K	10 6.3V	[M]
C231	ECEV1CA100SR	10 16V	[M]
C232	ECUVNC104KBV	0.1 16V	[M]
C233	ECEV1CA100SR	10 16V	[M]
C234	ECEV1CA100SR	10 16V	[M]
C235	ECEV1CA100SR	10 16V	[M]
C236	ECUVNC104KBV	0.1 16V	[M]
C237	ECEV1CA100SR	10 16V	[M]
C238	ECEV1CA100SR	10 16V	[M]
C239	ECUVNC104KBV	0.1 16V	[M]
C240	ECEV1CA100SR	10 16V	[M]
C241	ECUVNC104KBV	0.1 16V	[M]
C242	ECUVNC104KBV	0.1 16V	[M]
C243	ECUVNC104KBV	0.1 16V	[M]
C244	ECEV1CA100SR	10 16V	[M]
C245	ECUVNC104KBV	0.1 16V	[M]
C246	ECEV1CA100SR	10 16V	[M]
C247	ECUVNC104KBV	0.1 16V	[M]
C250	ECEV1CA100SR	10 16V	[M]
C251	ECUVNC104KBV	0.1 16V	[M]
C252	ECUVNC104KBV	0.1 16V	[M]
C253	ECUVNC104KBV	0.1 16V	[M]
C254	ECEV1CA100SR	10 16V	[M]
C255	ECUVNC104KBV	0.1 16V	[M]
C256	ECEV1CA100SR	10 16V	[M]
C257	ECUVNC104KBV	0.1 16V	[M]
C260	ECEV1CA100SR	10 16V	[M]
C261	ECUVNC104KBV	0.1 16V	[M]
C262	ECUVNC104KBV	0.1 16V	[M]
C263	ECUVNC104KBV	0.1 16V	[M]
C264	ECEV1CA100SR	10 16V	[M]
C265	ECUVNC104KBV	0.1 16V	[M]
C266	ECEV1CA100SR	10 16V	[M]
C267	ECUVNC104KBV	0.1 16V	[M]
C271	ECEV1CA100SR	10 16V	[M]
C272	ECEV1CA100SR	10 16V	[M]
C273	ECUVNC104KBV	0.1 16V	[M]
C274	ECUVNC104KBV	0.1 16V	[M]
C275	ECUV1H102JCV	1000P 50V	[M]
C276	ECUV1H102JCV	1000P 50V	[M]
C277	ECUV1H220JCV	22P 50V	[M]
C278	ECUV1H220JCV	22P 50V	[M]
C279	ECEV1CA470SP	47 16V	[M]
C280	ECEV1CA470SP	47 16V	[M]
C281	ECUV1H102JCV	1000P 50V	[M]
C282	ECUV1H102JCV	1000P 50V	[M]
C283	ECUV1H103KBV	0.01 50V	[M]
C284	ECUV1H103KBV	0.01 50V	[M]
C285	ECEV1CA100SR	10 16V	[M]
C286	ECUVNC104KBV	0.1 16V	[M]
C287	ECUVNC104KBV	0.1 16V	[M]
C288	ECUV1H331JCV	330P 50V	[M]
C289	ECUV1H561JCV	560P 50V	[M]
C290	ECEV1CA470SP	47 16V	[M]
C291	ECUV1H103KBV	0.01 50V	[M]
C292	ECUV1H103KBV	0.01 50V	[M]
C295	ECUV1H103KBV	0.01 50V	[M]
C296	ECUV1H103KBV	0.01 50V	[M]
C299	ECUV1H103KBV	0.01 50V	[M]
C301	ECJ1VC1H470J	47P 50V	[M]
C302	ECJ1VC1H470J	47P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C303	ECA1CAK470XB	47 16V	[M]
C304	ECA1CAK470XB	47 16V	[M]
C305	ECA1CAK470XB	47 16V	[M]
C306	ECUV1H104KBV	0.1 50V	[M]
C307	ECUV1H104KBV	0.1 50V	[M]
C308	ECA0JAK101XB	100 6.3V	[M]
C309	ECA0JAK101XB	100 6.3V	[M]
C310	ECUV1H103KBV	0.01 50V	[M]
C311	ECA0JAK101XB	100 6.3V	[M]
C312	ECA0JAK101XB	100 6.3V	[M]
C313	ECUV1H103KBV	0.01 50V	[M]
C333	ECA1CAK470XB	47 16V	[M]
C334	ECUV1H103KBV	0.01 50V	[M]
C335	ECA1CAK470XB	47 16V	[M]
C361	ECJ1VC1H470J	47P 50V	[M]
C362	ECJ1VC1H470J	47P 50V	[M]
C363	ECUV1H223ZFV	0.022 50V	[M]
C364	ECA1CAK470XB	47 16V	[M]
C365	ECUV1H223ZFV	0.022 50V	[M]
C366	ECA1CAK470XB	47 16V	[M]
C367	ECUV1H223ZFV	0.022 50V	[M]
C368	ECA1CAK470XB	47 16V	[M]
C369	ECJ1VC1H470J	47P 50V	[M]
C370	ECJ1VC1H470J	47P 50V	[M]
C371	ECUV1H104KBV	0.1 50V	[M]
C372	ECUV1H104KBV	0.1 50V	[M]
C373	ECUV1H104KBV	0.1 50V	[M]
C374	ECUV1H104KBV	0.1 50V	[M]
C375	ECA0JAK101XB	100 6.3V	[M]
C376	ECA0JAK101XB	100 6.3V	[M]
C401	ECUV1H101JCV	100P 50V	[M]
C402	ECUV1H101JCV	100P 50V	[M]
C403	ECUV1H101JCV	100P 50V	[M]
C404	ECUV1H101JCV	100P 50V	[M]
C405	ECUV1H101JCV	100P 50V	[M]
C406	ECUV1H101JCV	100P 50V	[M]
C407	ECUV1H101JCV	100P 50V	[M]
C408	ECUV1H101JCV	100P 50V	[M]
C409	ECUV1H101JCV	100P 50V	[M]
C410	ECUV1H101JCV	100P 50V	[M]
C411	ECUV1H101JCV	100P 50V	[M]
C412	ECUV1H101JCV	100P 50V	[M]
C413	ECUV1H101JCV	100P 50V	[M]
C414	ECUV1H101JCV	100P 50V	[M]
C415	ECUV1H101JCV	100P 50V	[M]
C416	ECUV1H101JCV	100P 50V	[M]
C417	ECUV1H101JCV	100P 50V	[M]
C418	ECUV1H101JCV	100P 50V	[M]
C419	ECUV1H101JCV	100P 50V	[M]
C420	ECUV1H101JCV	100P 50V	[M]
C421	ECJ1VB1H331K	330P 50V	[M]
C422	ECJ1VB1H331K	330P 50V	[M]
C423	ECJ1VB1H331K	330P 50V	[M]
C424	ECJ1VB1H331K	330P 50V	[M]
C425	ECUV1H101JCV	100P 50V	[M]
C426	ECUV1H101JCV	100P 50V	[M]
C427	ECUV1H101JCV	100P 50V	[M]
C428	ECUV1H101JCV	100P 50V	[M]
C429	ECUV1H101JCV	100P 50V	[M]
C430	ECUV1H101JCV	100P 50V	[M]
C431	ECUV1H101JCV	100P 50V	[M]
C432	ECUV1H101JCV	100P 50V	[M]
C433	ECUV1H101JCV	100P 50V	[M]
C434	ECUV1H101JCV	100P 50V	[M]
C435	ECUV1H101JCV	100P 50V	[M]
C436	ECUV1H101JCV	100P 50V	[M]
C437	ECUV1H103KBV	0.01 50V	[M]
C438	ECJ1VB1H331K	330P 50V	[M]
C439	ECUV1H104KBV	0.1 50V	[M]
C440	ECUV1H104KBV	0.1 50V	[M]
C443	ECUV1H101JCV	100P 50V	[M]
C444	ECUV1H101JCV	100P 50V	[M]
C447	ECUV1H101JCV	100P 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C451	ECUV1H101JCV	100P 50V	[M]
C452	ECUV1H101JCV	100P 50V	[M]
C453	ECA1EAK100XB	10 25V	[M]
C454	ECA1EAK100XB	10 25V	[M]
C455	ECUV1H104KBV	0.1 50V	[M]
C456	ECUV1H104KBV	0.1 50V	[M]
C457	ECUV1H104KBV	0.1 50V	[M]
C458	ECUV1H104KBV	0.1 50V	[M]
C459	ECA1EAK100XB	10 25V	[M]
C460	ECA1EAK100XB	10 25V	[M]
C461	ECJ1VB1H391K	390P 50V	[M]
C462	ECJ1VB1H391K	390P 50V	[M]
C463	ECUV1H104KBV	0.1 50V	[M]
C464	ECA1EAK100XB	10 25V	[M]
C465	ECJ1VC1H151J	150P 50V	[M]
C466	ECJ1VC1H151J	150P 50V	[M]
C467	ECUV1H101JCV	100P 50V	[M]
C468	ECUV1H101JCV	100P 50V	[M]
C469	ECA1EAK100XB	10 25V	[M]
C470	ECA1EAK100XB	10 25V	[M]
C471	ECUV1H104KBV	0.1 50V	[M]
C472	ECUV1H104KBV	0.1 50V	[M]
C473	ECUV1H104KBV	0.1 50V	[M]
C474	ECUV1H104KBV	0.1 50V	[M]
C475	ECA1EAK100XB	10 25V	[M]
C476	ECA1EAK100XB	10 25V	[M]
C477	ECJ1VB1H391K	390P 50V	[M]
C478	ECJ1VB1H391K	390P 50V	[M]
C479	ECUV1H104KBV	0.1 50V	[M]
C480	ECA1EAK100XB	10 25V	[M]
C481	ECJ1VC1H151J	150P 50V	[M]
C482	ECJ1VC1H151J	150P 50V	[M]
C483	ECUV1H101JCV	100P 50V	[M]
C484	ECUV1H101JCV	100P 50V	[M]
C485	ECA1EAK100XB	10 25V	[M]
C486	ECA1EAK100XB	10 25V	[M]
C487	ECUV1H104KBV	0.1 50V	[M]
C488	ECUV1H104KBV	0.1 50V	[M]
C489	ECUV1H104KBV	0.1 50V	[M]
C490	ECUV1H104KBV	0.1 50V	[M]
C491	ECA1EAK100XB	10 25V	[M]
C492	ECA1EAK100XB	10 25V	[M]
C493	ECJ1VB1H391K	390P 50V	[M]
C494	ECJ1VB1H391K	390P 50V	[M]
C495	ECUV1H104KBV	0.1 50V	[M]
C496	ECA1EAK100XB	10 25V	[M]
C497	ECJ1VC1H151J	150P 50V	[M]
C498	ECJ1VC1H151J	150P 50V	[M]
C535	ECA1CAK330XB	33 16V	[M]
C536	ECUV1C474ZFV	0.47 16V	[M]
C537	ECA1VM221B	220 35V	[M]
C538	ECA1VM221B	220 35V	[M]
C540	ECA1CAK470XB	47 16V	[M]
C541	ECA1CAK470XB	47 16V	[M]
C542	ECA1CAK470XB	47 16V	[M]
C554	ECUV1H104KBV	0.1 50V	[M]
C556	ECUV1H104KBV	0.1 50V	[M]
C557	ECUV1H104KBV	0.1 50V	[M]
C560	ECUV1H104KBV	0.1 50V	[M]
C561	ECUV1H104KBV	0.1 50V	[M]
C562	ECUV1H104KBV	0.1 50V	[M]
C563	ECUV1H103KBV	0.01 50V	[M]
C564	ECUV1H103KBV	0.01 50V	[M]
C601	EEUPF1H102XE	1000P 50V	[M]
C602	EEUPF1H102XE	1000P 50V	[M]
C603	EEUPF1H102XE	1000P 50V	[M]
C604	EEUPF1H102XE	1000P 50V	[M]
C605	EEUPF1H102XE	1000P 50V	[M]
C606	EEUPF1H102XE	1000P 50V	[M]
C607	F1D1H1040002	0.1 50V	[M]
C608	F1D1H1040002	0.1 50V	[M]
C609	F1D1H1040002	0.1 50V	[M]
C610	F1D1H1040002	0.1 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C611	F1D1H1040002	0.1 50V	[M]
C612	F1D1H1040002	0.1 50V	[M]
C613	F1D1H1040002	0.1 50V	[M]
C614	F1D1H1040002	0.1 50V	[M]
C615	F1D1H1040002	0.1 50V	[M]
C616	F1D1H1040002	0.1 50V	[M]
C617	F1D1H1040002	0.1 50V	[M]
C618	F1D1H1040002	0.1 50V	[M]
C621	ECQE1105KF	10 100V	[M]
C622	ECQE1105KF	10 100V	[M]
C623	ECQE1105KF	10 100V	[M]
C624	ECQE1105KF	10 100V	[M]
C625	ECQE1105KF	10 100V	[M]
C626	ECQE1105KF	10 100V	[M]
C627	ECQE1105KF	10 100V	[M]
C628	ECQE1105KF	10 100V	[M]
C629	ECQE1105KF	10 100V	[M]
C630	ECQE1105KF	10 100V	[M]
C631	ECQE1105KF	10 100V	[M]
C632	ECQE1105KF	10 100V	[M]
C633	ECUV1H104KBV	0.1 50V	[M]
C634	ECUV1H104KBV	0.1 50V	[M]
C635	ECUV1H104KBV	0.1 50V	[M]
C636	ECUV1H104KBV	0.1 50V	[M]
C637	ECUVNC104KBV	0.1 16V	[M]
C641	F1J2E223A005	0.022 250V	[M]
C642	F1J2E223A005	0.022 250V	[M]
C643	F1J2E223A005	0.022 250V	[M]
C644	F1J2E223A005	0.022 250V	[M]
C645	F1J2E223A005	0.022 250V	[M]
C646	F1J2E223A005	0.022 250V	[M]
C647	F1J2E223A005	0.022 250V	[M]
C648	F1J2E223A005	0.022 250V	[M]
C649	F1J2E223A005	0.022 250V	[M]
C650	F1J2E223A005	0.022 250V	[M]
C651	F1J2E223A005	0.022 250V	[M]
C652	F1J2E223A005	0.022 250V	[M]
C653	ECUV1H104KBV	0.1 50V	[M]
C654	ECUV1H104KBV	0.1 50V	[M]
C655	ECUV1H104KBV	0.1 50V	[M]
C656	ECUV1H104KBV	0.1 50V	[M]
C657	ECUVNC104KBV	0.1 16V	[M]
C661	ECUV1H103KBV	0.01 50V	[M]
C662	ECUV1H103KBV	0.01 50V	[M]
C663	ECUV1H103KBV	0.01 50V	[M]
C664	ECUV1H103KBV	0.01 50V	[M]
C665	ECUV1H103KBV	0.01 50V	[M]
C666	ECUV1H103KBV	0.01 50V	[M]
C667	ECUV1H103KBV	0.01 50V	[M]
C668	ECUV1H103KBV	0.01 50V	[M]
C669	ECUV1H103KBV	0.01 50V	[M]
C670	ECUV1H103KBV	0.01 50V	[M]
C671	ECUV1H103KBV	0.01 50V	[M]
C672	ECUV1H103KBV	0.01 50V	[M]
C673	ECUV1H104KBV	0.1 50V	[M]
C674	ECUV1H104KBV	0.1 50V	[M]
C675	ECUV1H104KBV	0.1 50V	[M]
C676	ECUV1H104KBV	0.1 50V	[M]
C677	ECUVNC104KBV	0.1 16V	[M]
C678	ECEV1CA100SR	10 16V	[M]
C680	ECUVNC104KBV	0.1 16V	[M]
C681	ECUVNC104KBV	0.1 16V	[M]
C682	ECUVNC104KBV	0.1 16V	[M]
C683	ECUVNC104KBV	0.1 16V	[M]
C684	ECUVNC104KBV	0.1 16V	[M]
C685	ECUVNC104KBV	0.1 16V	[M]
C686	ECUVNC104KBV	0.1 16V	[M]
C687	ECUVNC104KBV	0.1 16V	[M]
C688	ECUVNC104KBV	0.1 16V	[M]
C689	ECUVNC104KBV	0.1 16V	[M]
C690	ECUVNC104KBV	0.1 16V	[M]
C691	ECUVNC104KBV	0.1 16V	[M]
C701	ECQU2A224MLC	0.22 100V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C702	ECQU2A224MLC	0.22 100V	[M]
C703	F1BAF471A013	470P 10V	[M]
C704	F1BAF471A013	470P 10V	[M]
C706	ECQU2A224MLC	0.22 100V	[M]
C707	EETBA2G181EA	180P 400V	[M]
C708	ECKR2H103ZU	0.01 500V	[M]
C709	F1D1H471A012	470P 50V	[M]
C710	ECKE3D821KBP	820P 2000V	[M]
C711	ECA1EPX470B	47 25V	[M]
C712	F1D1H221A012	220P 50V	[M]
C713	F1D1H102A012	1000P 50V	[M]
C714	F1BAF1020011	1000P 10V	[M]
C715	ECKR2H103ZU	0.01 500V	[M]
C716	ECJ1VB1H102K	1000P 50V	[M]
C717	EEUPF1H102ZE	1000P 50V	[M]
C718	EEUPF1H102ZE	1000P 50V	[M]
C719	ECA1HAK010XB	1 50V	[M]
C720	ECBT1H103KB5	0.01 50V	[M]
C721	ECJ1VF1C104Z	0.1 16V	[M]
C722	ECA1CAK330XB	33 16V	[M]
C723	ECJ1VB1H102K	1000P 50V	[M]
C724	ECBT1H103KB5	0.01 50V	[M]
C725	ECKWRS102MBC	1000P 400V	[M]
C726	ECA1HAK4R7XB	4.7 50V	[M]
C727	ECBT1H103KB5	0.01 50V	[M]
C728	ECA1CAM102XB	1000 16V	[M]
C729	ECBT1H103KB5	0.01 50V	[M]
C730	ECA1CAK100XB	10 16V	[M]
C731	ECA1HAK010XB	1 50V	[M]
C732	ECA1HM471E	470 50V	[M]
C733	ECUV1H332KBV	3300P 50V	[M]
C734	ECUV1H471KBV	470P 50V	[M]
C735	F1J2A221A007	220P 100V	[M]
C736	ECJ1VB1H102K	1000P 50V	[M]
C737	ECUV1H471KBV	470P 50V	[M]
C738	ECJ1VB1H472K	4700P 50V	[M]
C739	ECUV1H103KBV	0.01 50V	[M]
C740	ECUV1H103KBV	0.01 50V	[M]
C741	ECJ1VB1H102K	1000P 50V	[M]
C742	F1J2A1020002	1000P 100V	[M]
C743	F1J2A1020002	1000P 100V	[M]
C744	F1J2E1020002	1000P 250V	[M]
C745	ECJ1VB1H102K	1000P 50V	[M]
C746	EEUFC1A102B	1000P 10V	[M]
C747	EEUFC1C102SE	1000P 16V	[M]
C748	ECA1CPXS471B	470 16V	[M]
C749	ECA1VAM101XB	100 35V	[M]
C750	ECA1AAK221XB	220 10V	[M]
C751	ECA1EPX101B	100 25V	[M]
C752	ECA1EPX101B	100 25V	[M]
C753	ECA1EPX101B	100 25V	[M]
C754	ECJ1VF1C104Z	0.1 16V	[M]
C755	ECJ1VF1C104Z	0.1 16V	[M]
C756	ECA1HAK010XB	1 50V	[M]
C757	ECA1HAK4R7XB	4.7 50V	[M]
C758	ECUV1H103KBV	0.01 50V	[M]
C759	ECA1HAK010XB	1 50V	[M]
C801	ECEV0JA102UP	1000 6.3V	[M]
C802	ECEV0JA102UP	1000 6.3V	[M]
C803	ECUVNC104KBV	0.1 16V	[M]
C804	ECJ1VB1H102K	1000P 50V	[M]
C805	ECEV0JA101SP	100 6.3V	[M]
C806	ECEV1AA220WR	22 10V	[M]
C807	ECUV1H561JCV	560P 50V	[M]
C808	ECUV1H561JCV	560P 50V	[M]
C809	ECJ1VB1H102K	1000P 50V	[M]
C810	ECUV1H103KBV	0.01 50V	[M]
C811	ECUV1H103KBV	0.01 50V	[M]
C812	ECUV1H103KBV	0.01 50V	[M]
C813	ECEV1HA2R2SR	2.2 50V	[M]
C814	ECUV1H103KBV	0.01 50V	[M]
C815	ECUV1H103KBV	0.01 50V	[M]
C821	ECEV1HA2R2SR	2.2 50V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C822	ECEV1HA2R2SR	2.2 50V	[M]
C823	ECUV1H104KBV	0.1 50V	[M]
C824	ECUV1H104KBV	0.1 50V	[M]
C825	ECUV1H104KBV	0.1 50V	[M]
C826	ECUV1H104KBV	0.1 50V	[M]
C827	ECUV1H104KBV	0.1 50V	[M]
C828	ECUV1H104KBV	0.1 50V	[M]
C855	ECUV1H220JCV	22P 50V	[M]
C856	ECUV1H220JCV	22P 50V	[M]
C857	ECUV1H220JCV	22P 50V	[M]
C858	ECUV1H220JCV	22P 50V	[M]
C859	ECUV1H220JCV	22P 50V	[M]
C860	ECUV1H220JCV	22P 50V	[M]
C861	ECUV1H220JCV	22P 50V	[M]
C862	ECUV1H220JCV	22P 50V	[M]
C863	ECUV1H220JCV	22P 50V	[M]
C864	ECUV1H220JCV	22P 50V	[M]
C865	ECUV1H220JCV	22P 50V	[M]
C867	ECUV1H220JCV	22P 50V	[M]
C868	ECUV1H220JCV	22P 50V	[M]
C869	ECUV1H220JCV	22P 50V	[M]
C877	ECUVNC104KBV	0.1 16V	[M]
C881	F1D1H102A012	1000P 50V	[M]
C882	F1D1H102A012	1000P 50V	[M]
C883	F1D1H102A012	1000P 50V	[M]
C884	F1D1H102A012	1000P 50V	[M]
C885	F1D1H102A012	1000P 50V	[M]
C886	F1D1H102A012	1000P 50V	[M]
C887	F1D1H102A012	1000P 50V	[M]
C888	F1D1H102A012	1000P 50V	[M]
C889	F1D1H102A012	1000P 50V	[M]
C890	F1D1H102A012	1000P 50V	[M]
C891	F1D1H102A012	1000P 50V	[M]
C892	F1D1H102A012	1000P 50V	[M]
C896	F1J2E1030004	0.01 250V	[M]
C899	ECA1CAK470XB	47 16V	[M]
C900	ECA1CAK470XB	47 16V	[M]
C901	ECA1HAK220XB	22 50V	[M]
C902	ECA1HAK220XB	22 50V	[M]
C905	ECA1HAK100XB	10 50V	[M]
C906	ECA1HAK100XB	10 50V	[M]
C907	ECA1HM101B	100 50V	[M]
C908	ECUV1H104KBV	0.1 50V	[M]
C909	ECUV1H104KBV	0.1 50V	[M]
C910	ECUV1H104KBV	0.1 50V	[M]
C911	ECJ1VB1H331K	330P 50V	[M]
C912	ECJ1VB1H331K	330P 50V	[M]
C913	ECJ1VB1H331K	330P 50V	[M]
C914	ECJ1VB1H331K	330P 50V	[M]
C915	ECJ1VB1H331K	330P 50V	[M]
C916	ECJ1VB1H331K	330P 50V	[M]
C917	ECJ1VB1H331K	330P 50V	[M]
C918	ECJ1VB1H331K	330P 50V	[M]
C919	ECJ1VB1H331K	330P 50V	[M]
C920	ECJ1VB1H331K	330P 50V	[M]
C951	ECUV1H101JCV	100P 50V	[M]
C952	ECUV1H101JCV	100P 50V	[M]
C953	ECUV1H101JCV	100P 50V	[M]
C954	ECA1CAK100XB	10 16V	[M]
C955	ECUV1H103KBV	0.01 50V	[M]
C956	ECUV1H103KBV	0.01 50V	[M]
C961	ECUV1H101JCV	100P 50V	[M]
C961	ECUV1H104KBV	0.1 50V	[M]
C962	ECUV1H101JCV	100P 50V	[M]
C991	F1H1H473A748	0.047 50V	[M]
C992	F1H1H473A748	0.047 50V	[M]
C995	ECUV1H104KBV	0.1 50V	[M]
C1001	ECUVNC104KBV	0.1 16V	[M]
C1002	ECUVNC104KBV	0.1 16V	[M]
C1003	ECUVNC104KBV	0.1 16V	[M]
C1004	ECJ1VC1H120J	12P 50V	[M]
C1005	ECUVNC104KBV	0.1 16V	[M]
C1006	ECEV0JA470SR	47 6.3V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C1007	ECUV1H180JCV	18P 50V	[M]
C1008	ECJ1VC1H120J	12P 50V	[M]
C1009	ECUVNC104KBV	0.1 16V	[M]
C1010	ECUV1H180JCV	18P 50V	[M]
C1011	ECEV1CA100SR	10 16V	[M]
C1012	ECEV1CA100SR	10 16V	[M]
C1013	ECUV1H101JCV	100P 50V	[M]
C1014	ECUVNC104KBV	0.1 16V	[M]
C1015	ECUVNC104KBV	0.1 16V	[M]
C1016	ECUV1H330JCV	33P 50V	[M]
C1017	ECUVNC104KBV	0.1 16V	[M]
C1018	ECUV1H101JCV	100P 50V	[M]
C1019	ECUV1H100DCV	10P 50V	[M]
C1020	ECUVNC104KBV	0.1 16V	[M]
C1021	ECUVNC104KBV	0.1 16V	[M]
C1022	ECEV1CA100SR	10 16V	[M]
C1023	ECEV1CA100SR	10 16V	[M]
C1024	ECUVNC104KBV	0.1 16V	[M]
C1025	ECUV1H101JCV	100P 50V	[M]
C1026	ECUV1H101JCV	100P 50V	[M]
C1027	ECEV1CA100SR	10 16V	[M]
C1028	ECUVNC104KBV	0.1 16V	[M]
C1029	ECUVNC104KBV	0.1 16V	[M]
C1030	ECEV1CA100SR	10 16V	[M]
C1031	ECUV1H101JCV	100P 50V	[M]
C1032	ECUV1H101JCV	100P 50V	[M]
C1033	ECUV1H101JCV	100P 50V	[M]
C1034	ECUV1H101JCV	100P 50V	[M]
C1035	ECUVNC104KBV	0.1 16V	[M]
C1036	ECEV0JA470SR	47 6.3V	[M]
C1037	ECUV1H100DCV	10P 50V	[M]
C1038	ECJ1VB1A474K	0.47 10V	[M]
C1039	ECUVNC104KBV	0.1 16V	[M]
C1040	ECEV1CA100SR	10 16V	[M]
C1041	ECUV1H220JCV	22P 50V	[M]
C1042	ECUVNC104KBV	0.1 16V	[M]
C1043	ECJ1VC1H680K	68P 50V	[M]
C1044	F1K1C2250005	22 16V	[M]
C1045	ECUVNC104KBV	0.1 16V	[M]
C1046	ECEV1CA100SR	10 16V	[M]
C1047	ECJ1VB1H122K	1200P 50V	[M]
C1048	ECEV1CA100SR	10 16V	[M]
C1049	ECUVNC104KBV	0.1 16V	[M]
C1050	ECEV1CA100SR	10 16V	[M]
C1051	ECUVNC104KBV	0.1 16V	[M]
C1053	ECUVNC104KBV	0.1 16V	[M]
C1054	ECUVNC104KBV	0.1 16V	[M]
C1055	ECEV1CA100SR	10 16V	[M]
C1056	ECUVNC104KBV	0.1 16V	[M]
C1057	ECUV1H100DCV	10P 50V	[M]
C1058	ECEV1CA100SR	10 16V	[M]
C1059	ECUVNC104KBV	0.1 16V	[M]
C1060	ECUVNC104KBV	0.1 16V	[M]
C1061	ECUVNC104KBV	0.1 16V	[M]
C1062	ECEV1CA100SR	10 16V	[M]
C1063	ECEV1CA100SR	10 16V	[M]
C1064	ECUV1H103KBV	0.01 50V	[M]
C1065	ECUVNC104KBV	0.1 16V	[M]
C1066	ECEV0JA470SR	47 6.3V	[M]
C1067	ECUVNC104KBV	0.1 16V	[M]
C1068	ECUVNC104KBV	0.1 16V	[M]
C1069	ECJ1VB1H102K	1000P 50V	[M]
C1070	ECEV1CA100SR	10 16V	[M]
C1071	ECJ1VB1H102K	1000P 50V	[M]
C1072	ECJ1VB1H102K	1000P 50V	[M]
C1073	ECUVNC104KBV	0.1 16V	[M]
C1074	ECUVNC104KBV	0.1 16V	[M]
C1075	ECUV1H101JCV	100P 50V	[M]
C1076	ECUV1H101JCV	100P 50V	[M]
C1077	ECEV1CA100SR	10 16V	[M]
C1078	ECUVNC104KBV	0.1 16V	[M]
C1079	ECUVNC104KBV	0.1 16V	[M]
C1080	ECUVNC104KBV	0.1 16V	[M]

Ref. No.	Part No.	Part Name & Description	Remarks
C1081	ECUVNC104KBV	0.1 16V	[M]
C1082	ECUVNC104KBV	0.1 16V	[M]
C1083	ECJ1VB1H102K	1000P 50V	[M]
C1084	ECEV1CA100SR	10 16V	[M]
C1085	ECUV1H101JCV	100P 50V	[M]
C1086	ECUV1H101JCV	100P 50V	[M]
C1087	ECEV1CA100SR	10 16V	[M]
C1088	ECUV1H101JCV	100P 50V	[M]
C1089	ECUV1H101JCV	100P 50V	[M]
C1090	ECUV1H101JCV	100P 50V	[M]
C1091	ECUV1H101JCV	100P 50V	[M]
C1092	ECEV0JA470SR	47 6.3V	[M]
C1093	ECUVNC104KBV	0.1 16V	[M]
C1094	ECUV1H103KBV	0.01 50V	[M]
C1095	ECUVNC104KBV	0.1 16V	[M]
C1096	ECEV1CA100SR	10 16V	[M]
C1097	ECJ1VB1H102K	1000P 50V	[M]
C1098	ECEV0JA101SP	100 6.3V	[M]
C1099	ECUV1H101JCV	100P 50V	[M]
C1100	ECUV1H101JCV	100P 50V	[M]
C1101	ECEV1CA100SR	10 16V	[M]
C1102	ECUVNC104KBV	0.1 16V	[M]
C1103	ECUVNC104KBV	0.1 16V	[M]
C1104	ECUVNC104KBV	0.1 16V	[M]
C1105	ECUVNC104KBV	0.1 16V	[M]
C1106	ECUVNC104KBV	0.1 16V	[M]
C1107	ECUVNC104KBV	0.1 16V	[M]
C1108	ECJ1VB1H102K	1000P 50V	[M]
C1109	ECEV1CA100SR	10 16V	[M]
C1110	ECUV1H101JCV	100P 50V	[M]
C1111	ECUV1H101JCV	100P 50V	[M]
C1112	ECEV1CA100SR	10 16V	[M]
C1113	ECEV1HA010SR	1 50V	[M]
C1114	ECEV0JA470SR	47 6.3V	[M]
C1115	ECUVNC104KBV	0.1 16V	[M]
C1116	ECUVNC104KBV	0.1 16V	[M]
C1117	ECEV1CA100SR	10 16V	[M]
C1118	ECJ1VB1H102K	1000P 50V	[M]
C1119	ECUV1H100DCV	10P 50V	[M]
C1120	ECUV1H101JCV	100P 50V	[M]
C1121	ECUV1H101JCV	100P 50V	[M]
C1122	ECEV1CA100SR	10 16V	[M]
C1123	ECUVNC104KBV	0.1 16V	[M]
C1124	ECUVNC104KBV	0.1 16V	[M]
C1125	ECUVNC104KBV	0.1 16V	[M]
C1126	ECUVNC104KBV	0.1 16V	[M]
C1127	ECJ1VB1H102K	1000P 50V	[M]
C1128	ECEV1CA100SR	10 16V	[M]
C1129	ECUV1H103KBV	0.01 50V	[M]
C1130	ECUV1H101JCV	100P 50V	[M]
C1131	ECUV1H101JCV	100P 50V	[M]
C1132	ECEV1CA100SR	10 16V	[M]
C1133	ECUVNC104KBV	0.1 16V	[M]
C1134	ECUV1H100DCV	10P 50V	[M]
C1135	ECUV1H103KBV	0.01 50V	[M]
C1136	ECEV1CA100SR	10 16V	[M]
C1137	ECUV1H100DCV	10P 50V	[M]
C1138	ECUV1H100DCV	10P 50V	[M]
C1139	ECUV1H100DCV	10P 50V	[M]
C1140	ECUV1H100DCV	10P 50V	[M]
C1141	ECUVNC104KBV	0.1 16V	[M]
C1142	ECUV1H100DCV	10P 50V	[M]
C1143	ECEV1CA100SR	10 16V	[M]
C1144	ECUV1H100DCV	10P 50V	[M]
C1145	ECUVNC104KBV	0.1 16V	[M]
C1146	ECUVNC104KBV	0.1 16V	[M]
C1147	ECUVNC104KBV	0.1 16V	[M]
C1148	ECUV1H101JCV	100P 50V	[M]

16.3. Packing Materials & Accessories Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
		PACKING MATERIALS	
P1	RPG6310	PACKING CASE	[M] K
P1	RPG6309	PACKING CASE	[M] S
P2	RPN1587-1	POLYFOAM	[M]
P3	RPHV0001	MIRAMAT SHEET	[M]
		ACCESSORIES	
A1	EUR7622030	REMOTE CONTROL	[M]
A1-1	UR76EC1503A	R/C BATTERY COVER	[M]
A2	RJA0019-2K	AC CORD (SF)	[M]EG E ⚠

Ref. No.	Part No.	Part Name & Description	Remarks
A2	VJA0733	AC CORD (SF)	[M]EB ⚠
A3	RQT6907-R	O/I BOOK (Sp/Po/Cz)	[M]E
A3	RQT6908-B	O/I BOOK (En)	[M]EB E
A3	RQT6909-D	O/I BOOK (Ge/It/Fr)	[M]EG
A3	RQT6957-B	O/I BOOK RC (En)	[M]EB E
A3	RQT6958-R	O/I BOOK RC (Sp/Po/Cz)	[M]E
A3	RQT6959-R	O/I BOOK RC (Sp/Po/Cz)	[M]E
A3	RQT6960-D	O/I BOOK RC (Ge/It/Fr)	[M]EG
A3	RQT6961-D	O/I BOOK RC (Ge/It/Fr)	[M]EG
A3	RQT6962-D	O/I BOOK RC (Ge/It/Fr)	[M]EG
A4	RSA0007-L	FM ANTENNA WIRE	[M]
A5	RSA0037	AM LOOP ANTENA	[M]
A6	K1YZ02000013	ANT ADAPTER	[M]EB

16.4. Packaging

ACCESSORIES CASE

A1 : REMOTE CONTROL

A2 : AC CORD

A3 : O/I BOOK

A4 : FM ANTENNA WIRE

A5 : AM LOOP ANTENNA

A6 : ANTENNA PLUG ADAPTER