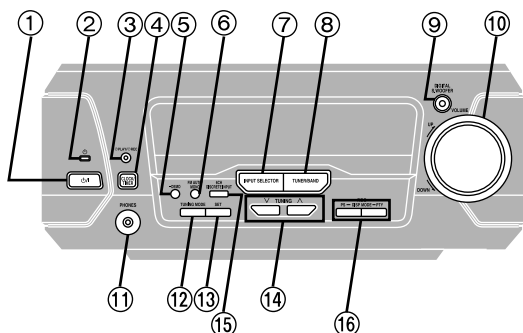


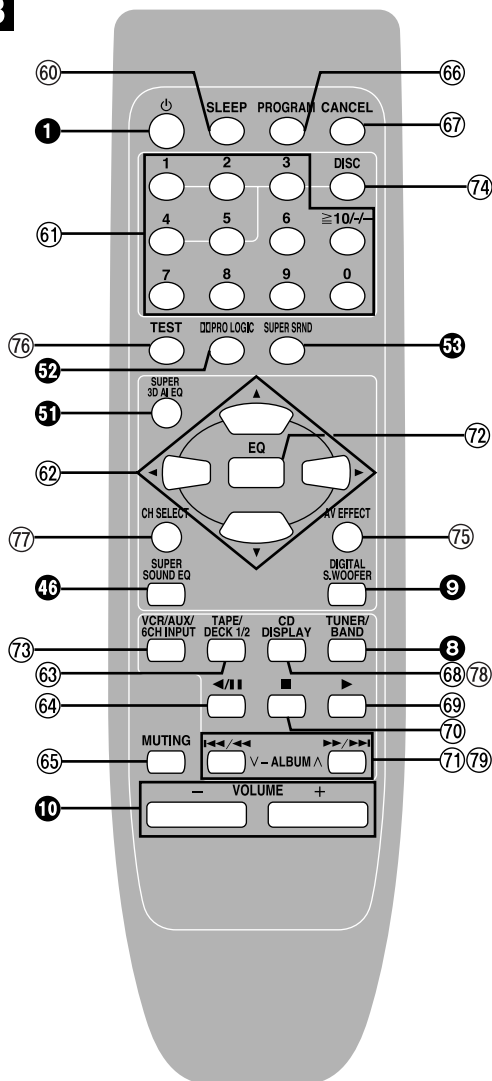
A



A Tuner/amplifier

- ① **Standby/on switch** (⏻/⏻)
Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
- ② **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.
- ③ **Play timer/record timer button and indicator** (⏻/⏻)
(⏻/⏻)
- ④ **Clock/timer button** (CLOCK/TIMER)
- ⑤ **Demo button** (–DEMO)
- ⑥ **FM mode button** (FM AUTO/MONO)
- ⑦ **Source input button** (INPUT SELECTOR)
- ⑧ **Tuner/band button** (TUNER/BAND)
- ⑨ **Digital super woofer button and indicator** (DIGITAL S.WOOFER)
- ⑩ **Volume control** (VOLUME)
- ⑪ **Headphone jack** (PHONES)
- ⑫ **Tuning mode button** (TUNING MODE)
- ⑬ **Set button** (SET)
- ⑭ **Tuning buttons** (⏮, ⏭, TUNING)
- ⑮ **6ch discrete input button** (6CH DISCRETE INPUT)
- ⑯ **RDS display mode button** (RDS, PS–DISP MODE–PTY)

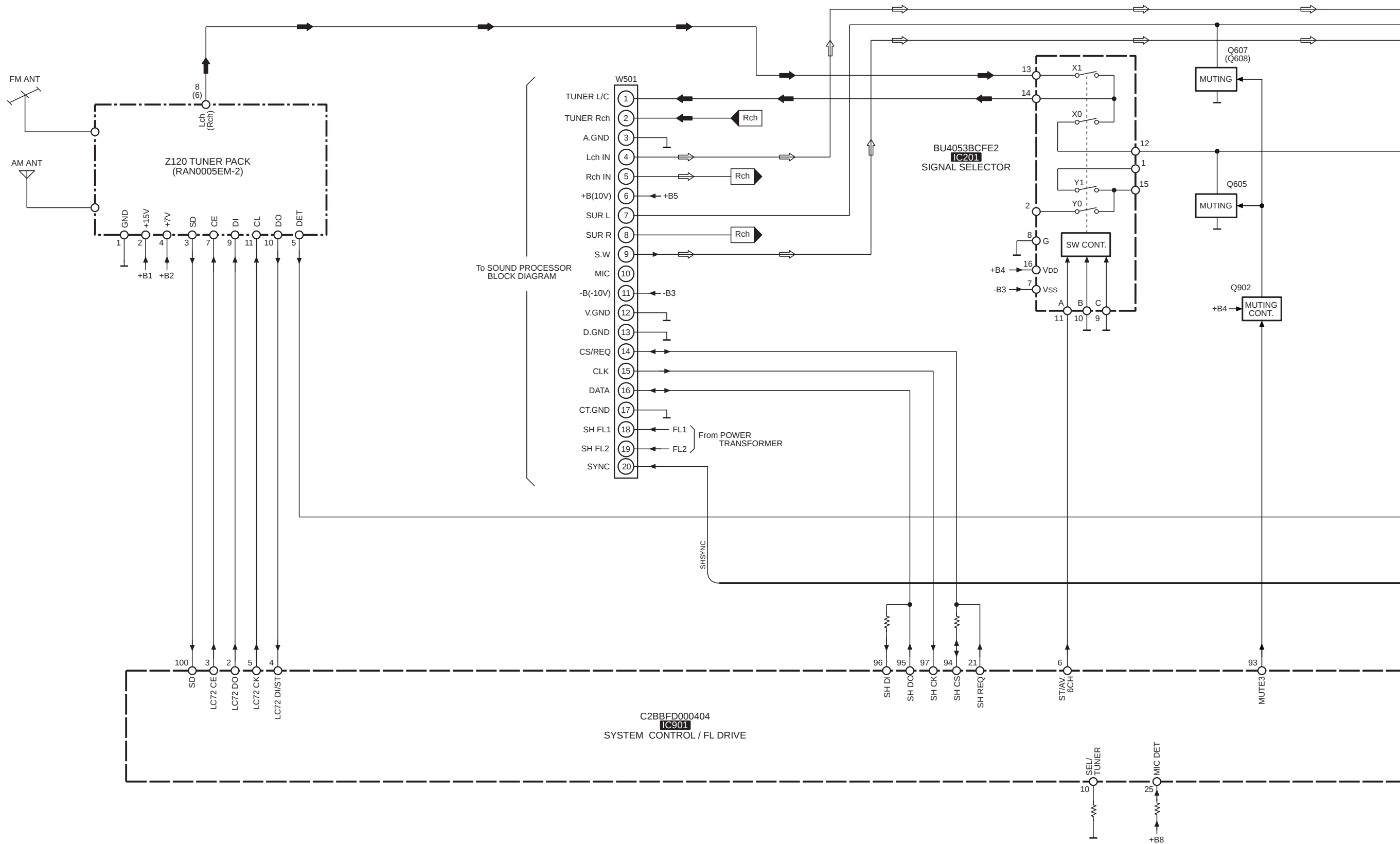
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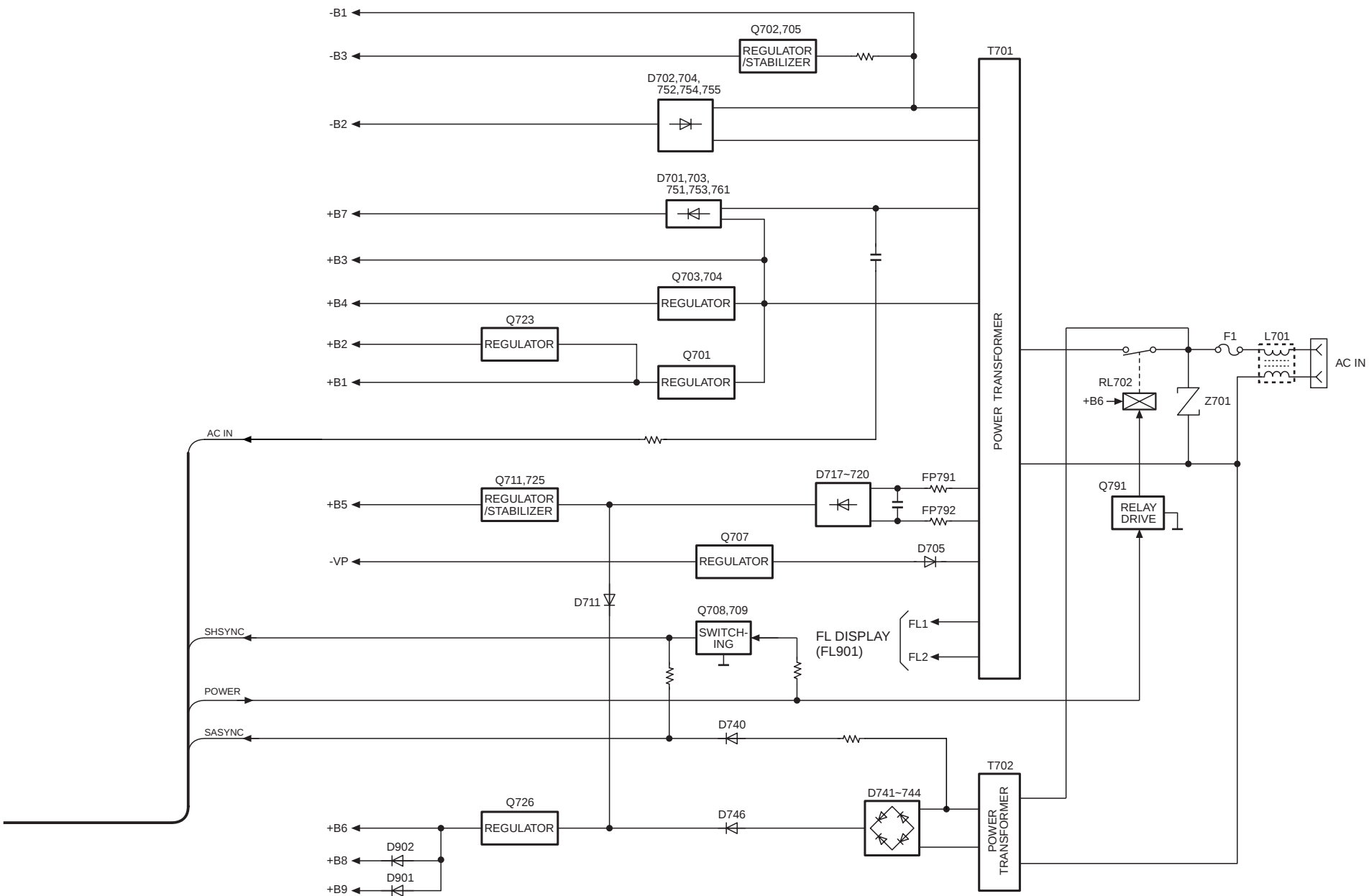


B Remote control

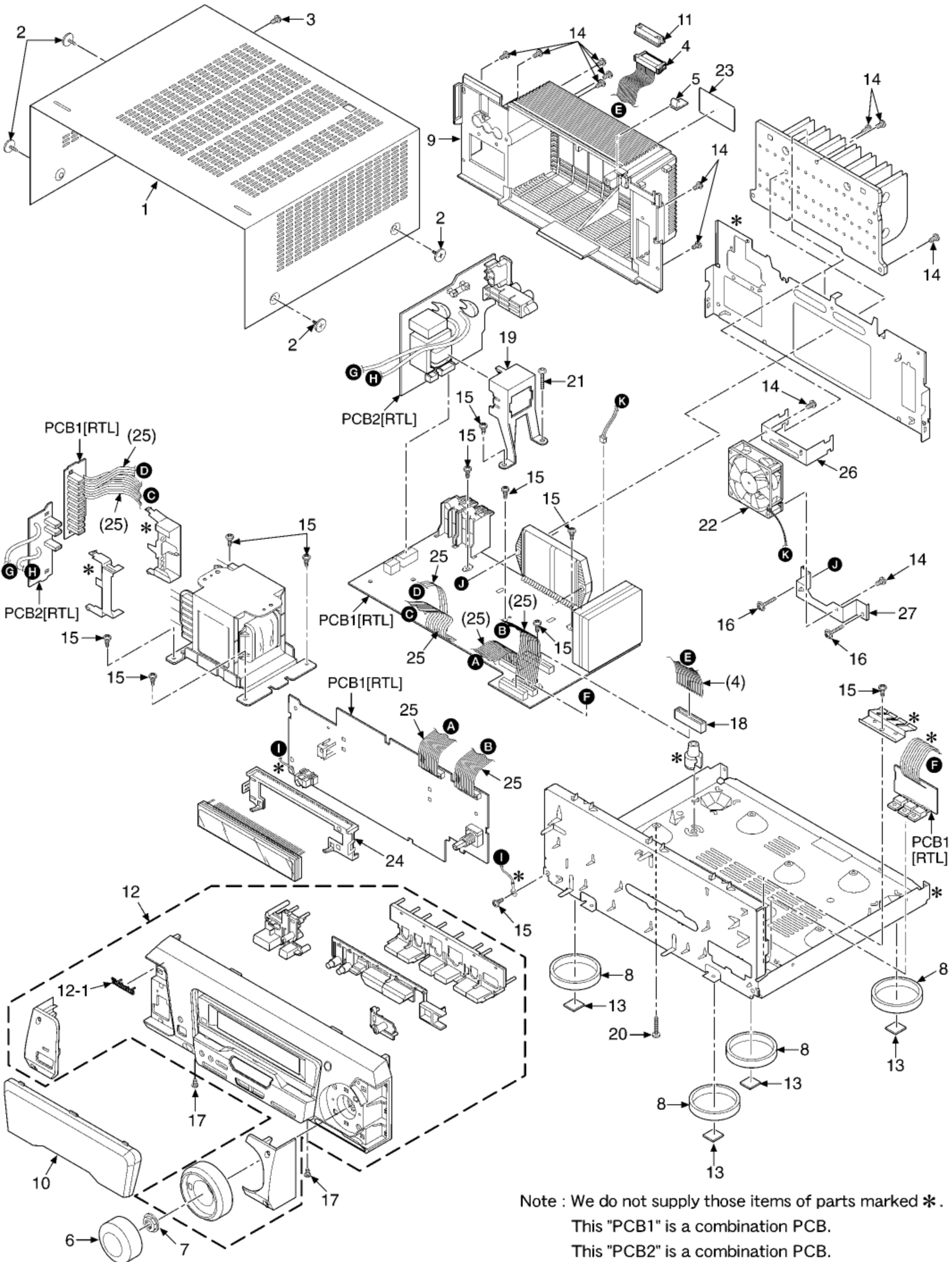
Buttons such as ① function in the same way as the controls on the main unit.

- ⑥① **Sleep timer button** (SLEEP)
- ⑥② **Numbered buttons** (1–9, 0, ≥10/–/–)
- ⑥③ **Cursor buttons** (⏮, ⏭, ⏮, ⏭)
- ⑥④ **Tape select, deck 1/deck 2 select button** (TAPE/DECK 1/2)
- ⑥⑤ **CD pause/tape reverse playback button** (⏮/⏮)
- ⑥⑥ **Muting button** (MUTING)
- ⑥⑦ **Program button** (PROGRAM)
- ⑥⑧ **Cancel button** (CANCEL)
- ⑥⑨ **CD button** (CD)
- ⑦① **CD play/tape forward playback button** (⏭)
- ⑦② **CD/tape stop button** (⏮)
- ⑦③ **CD skip/search, tape fast forward/rewind buttons** (⏮/⏮, ⏭/⏭)
- ⑦④ **EQ button** (EQ)
- ⑦⑤ **Input select button** (VCR/AUX/6CH INPUT)
- ⑦⑥ **Disc button** (DISC)
- ⑦⑦ **AV effect button** (AV EFFECT)
- ⑦⑧ **Test button** (TEST)
- ⑦⑨ **Channel select button** (CH SELECT)
- ⑦⑩ **Display button** (DISPLAY)
- ⑦⑪ **Album skip buttons** (⏮, ⏭ –ALBUM)



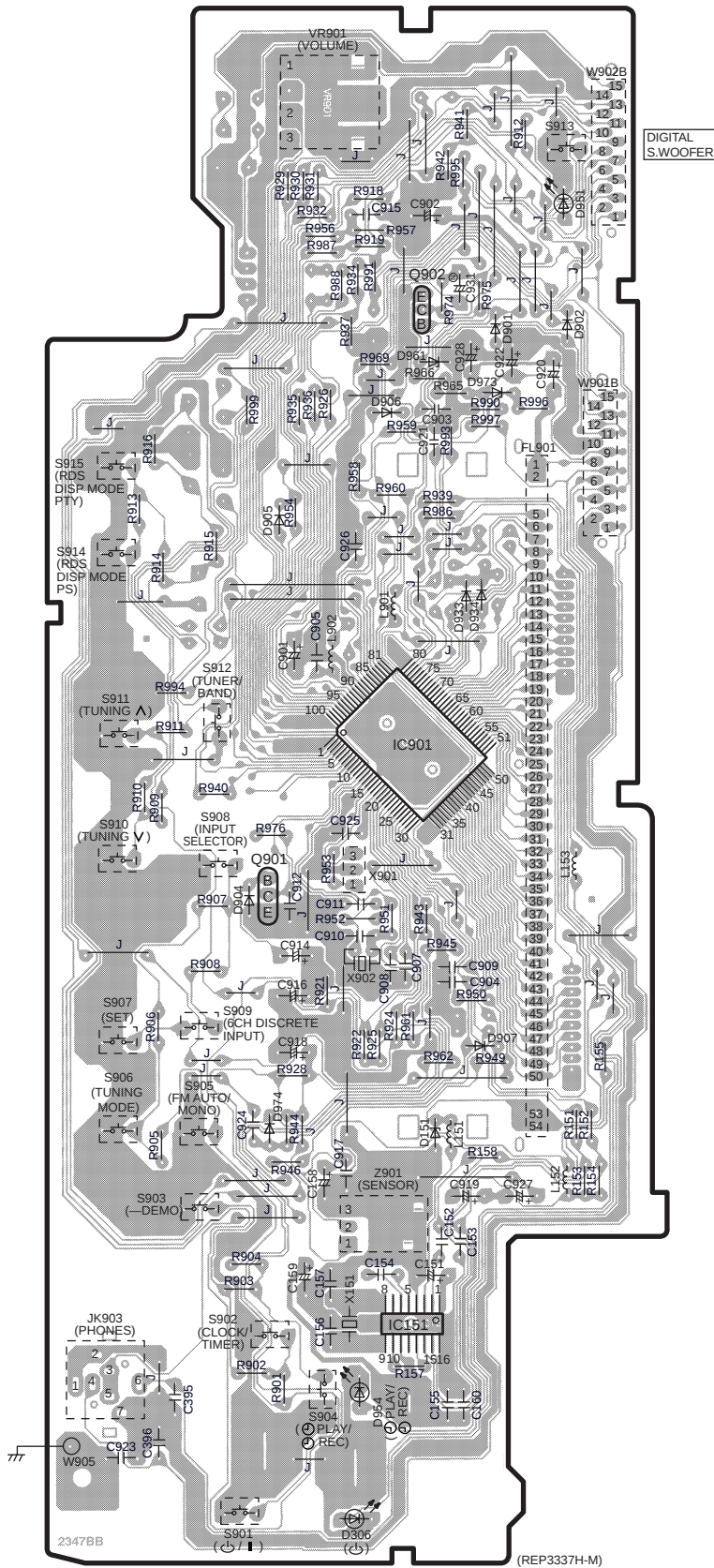


NOTES : • SIGNAL LINE
 ⇨ : AUDIO SIGNAL
 ⇨ : TUNER SIGNAL
 • () indicates pin No. Right channel.

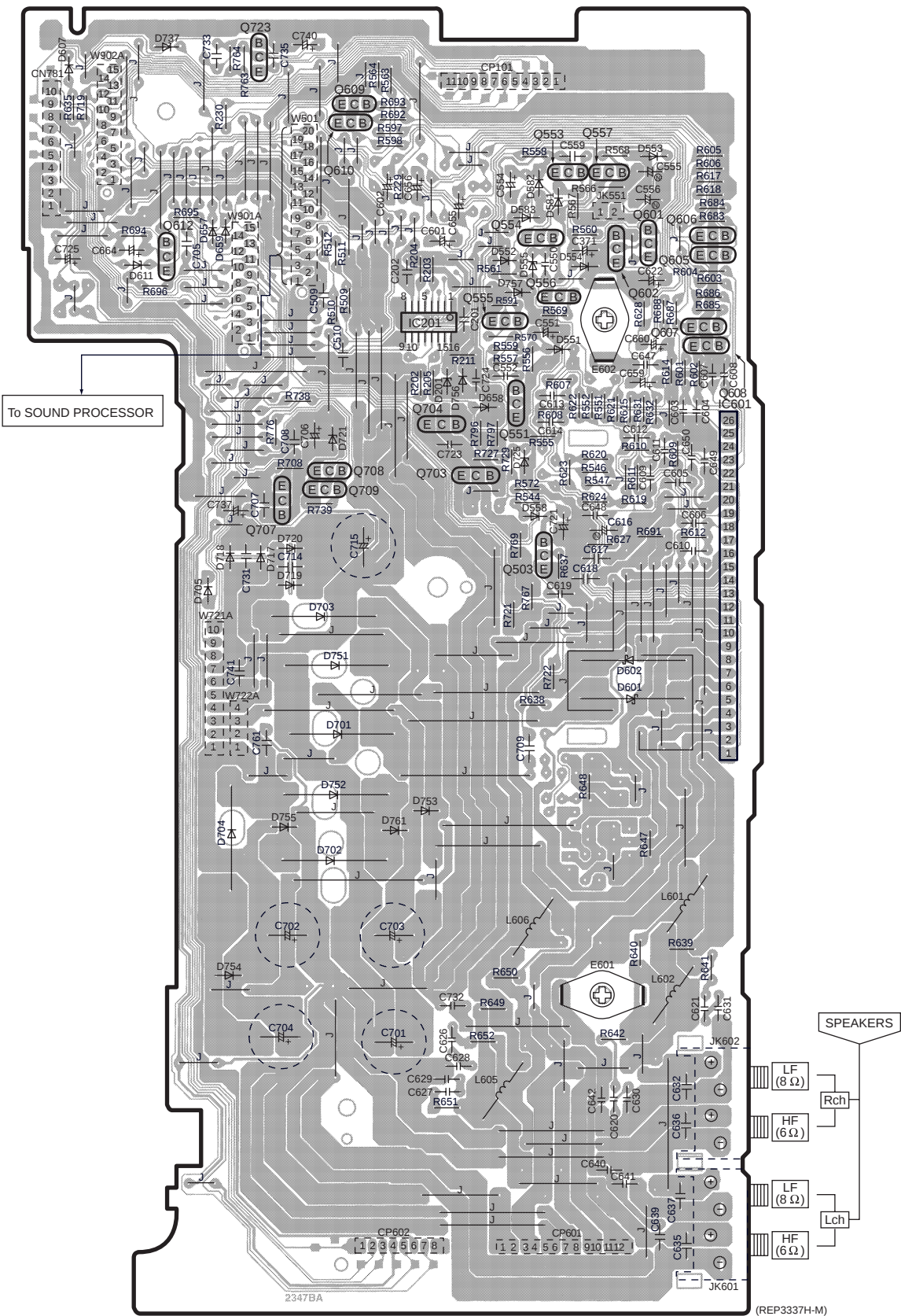


Note: This printed circuit board diagram may be modified at any time with the development of new technology.

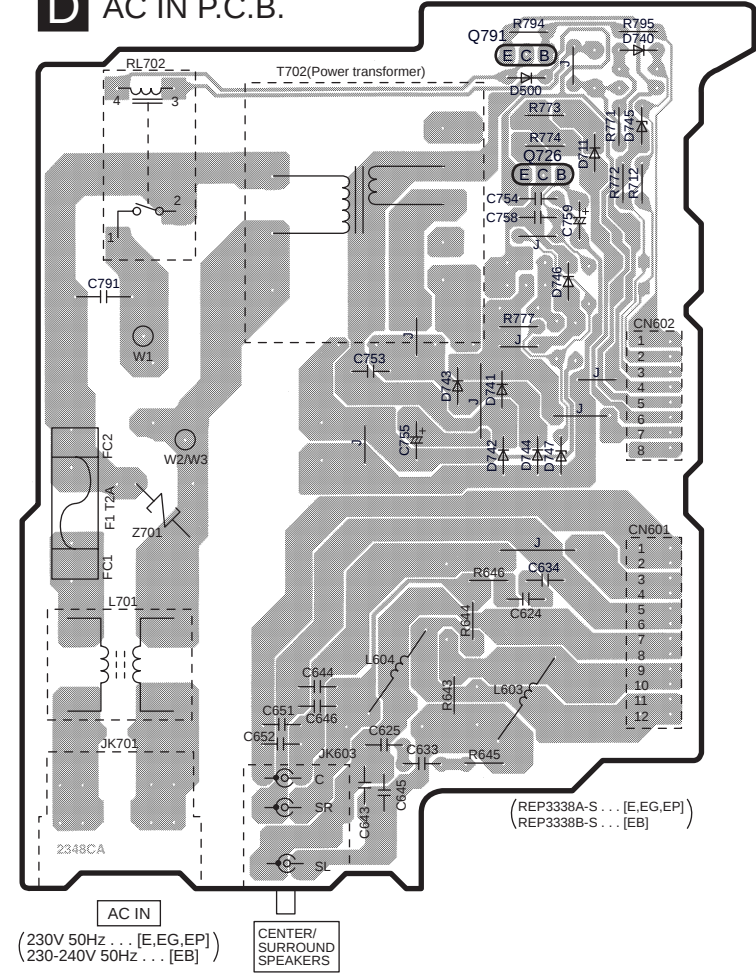
A OPERATION P.C.B.



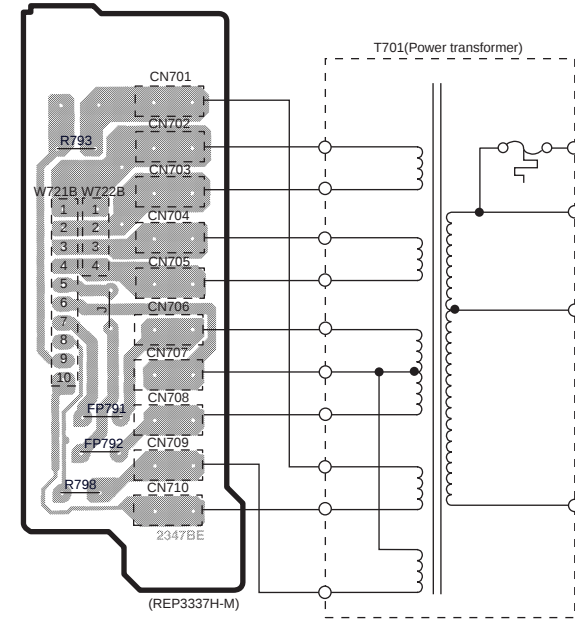
B MAIN P.C.B.



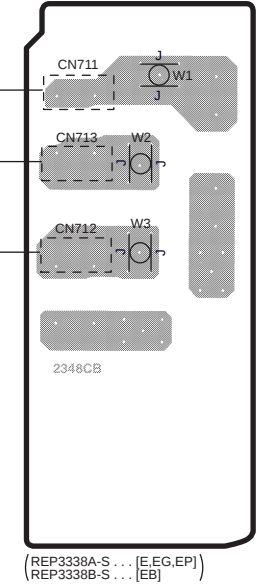
D AC IN P.C.B.



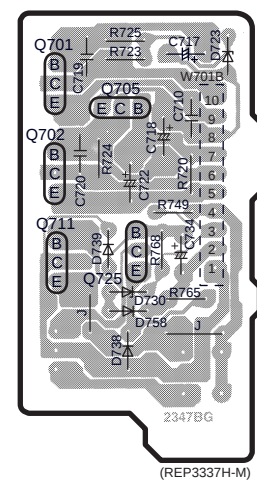
E POWER TRANSFORMER
(A) P.C.B.



F POWER TRANSFORMER
(B) P.C.B.

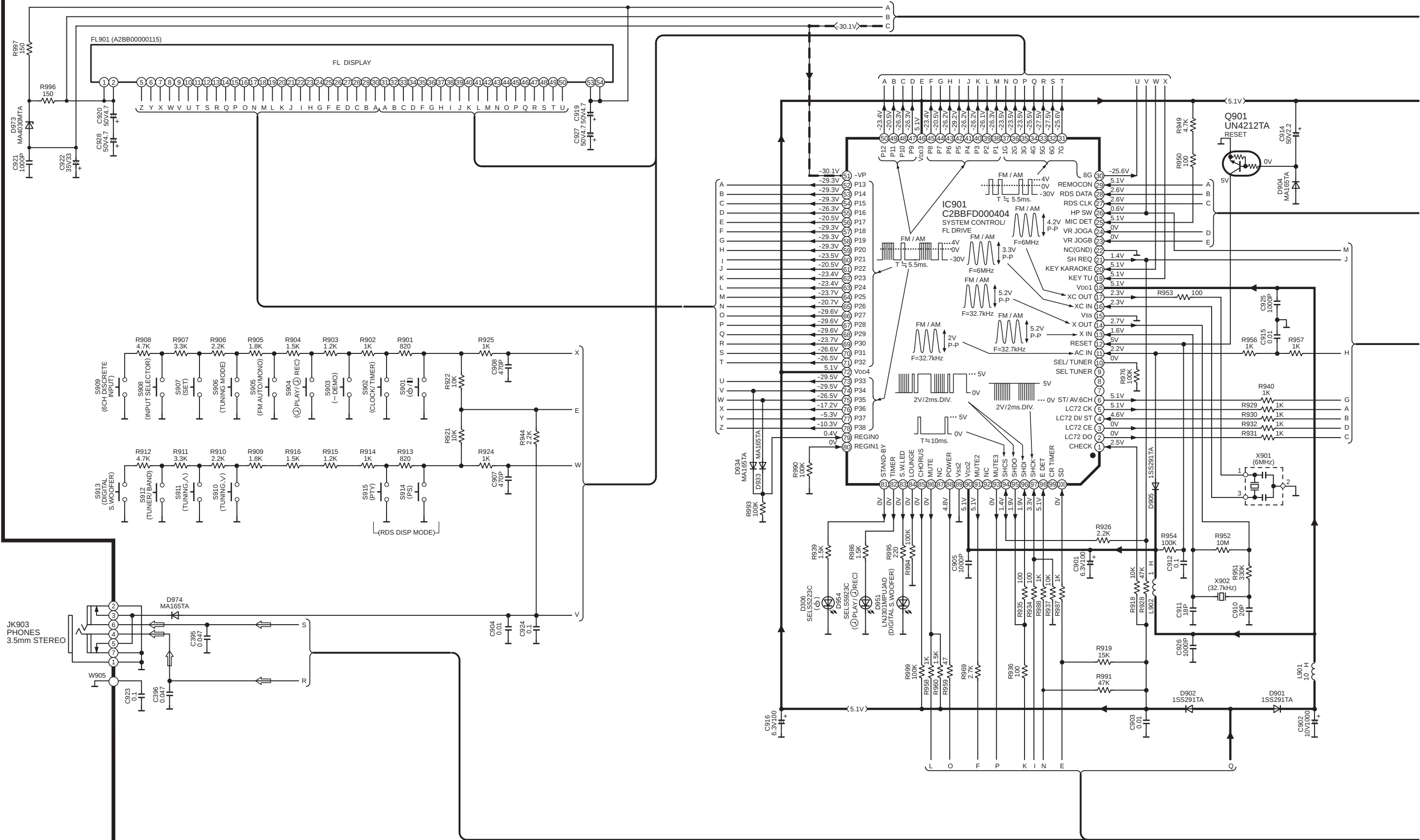


C POWER SUPPLY P.C.B.



A OPERATION CIRCUIT

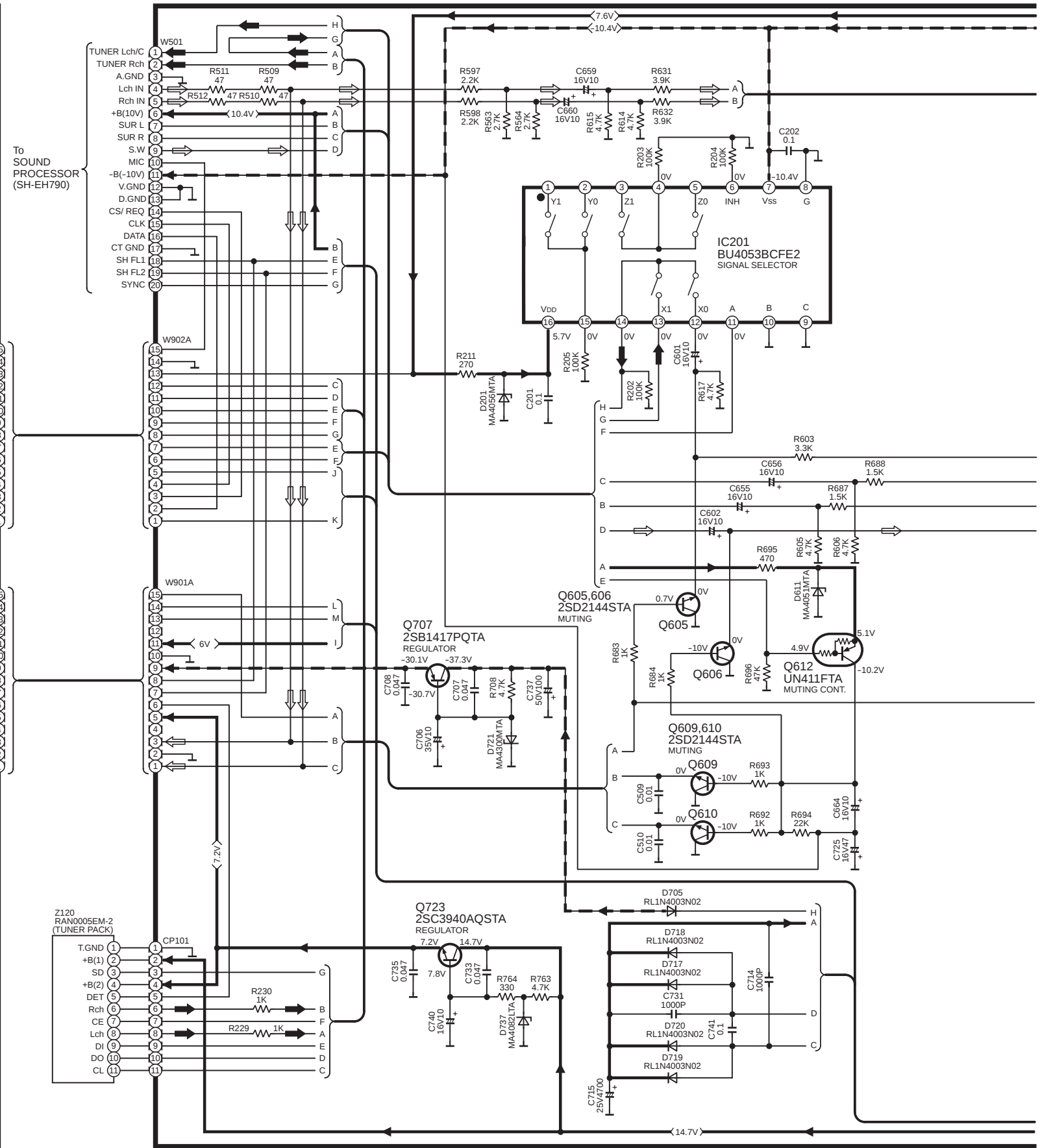
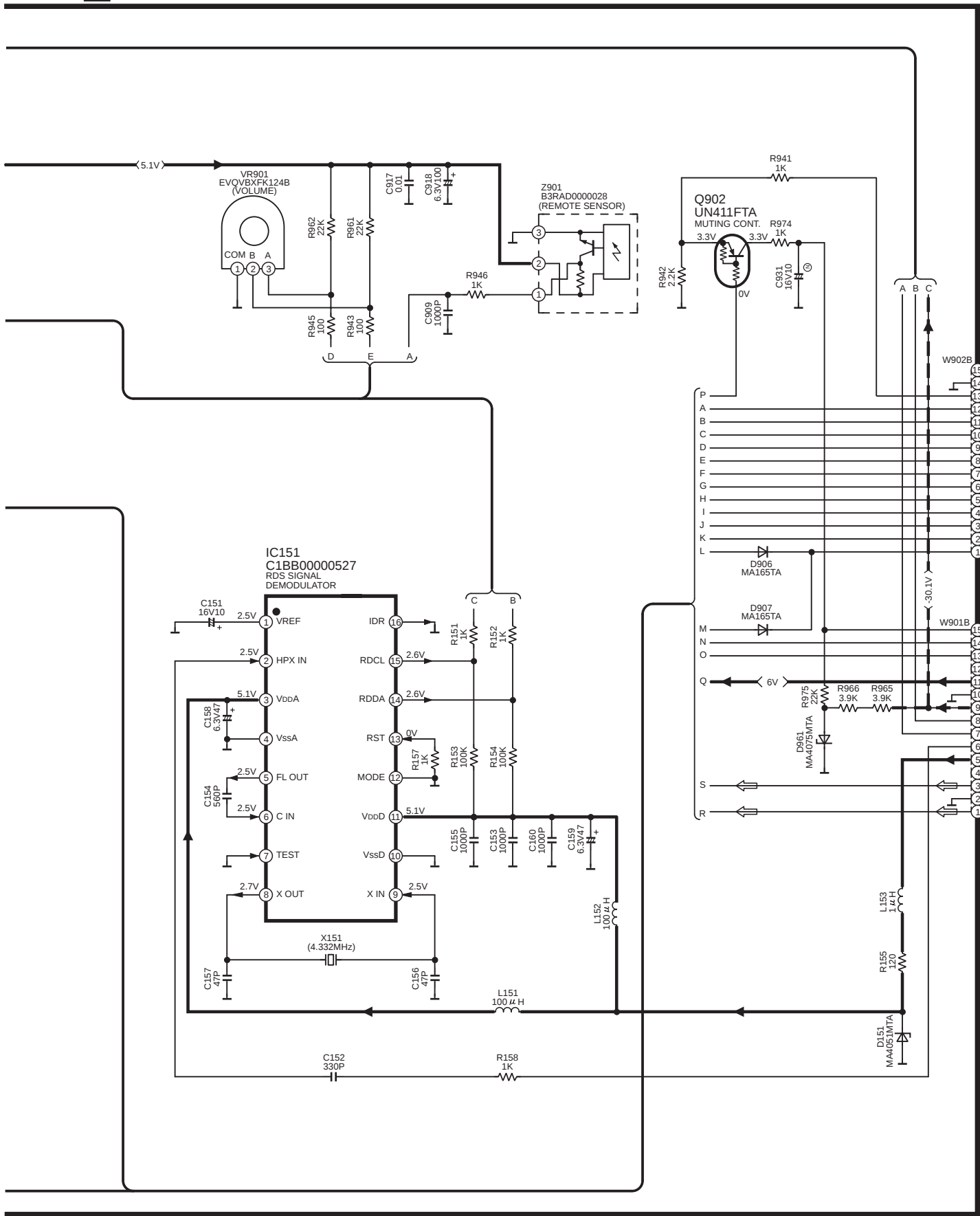
→ : POSITIVE VOLTAGE LINE → : NEGATIVE VOLTAGE LINE ⇨ : AUDIO SIGNAL LINE



A OPERATION CIRCUIT

 : NEGATIVE VOLTAGE LINE
  : AUDIO SIGNAL LINE
 : POSITIVE VOLTAGE LINE
 : TUNER SIGNAL LINE

B MAIN CIRCUIT

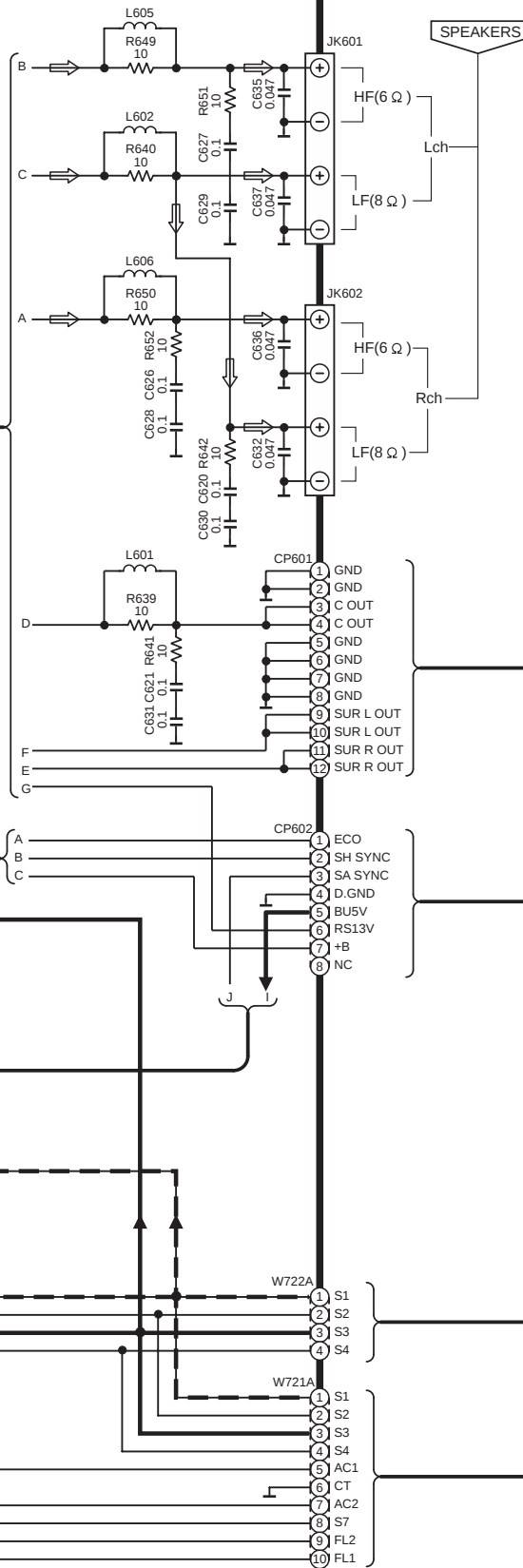


 : POSITIVE VOLTAGE LINE
 : NEGATIVE VOLTAGE LINE : AUDIO SIGNAL LINE

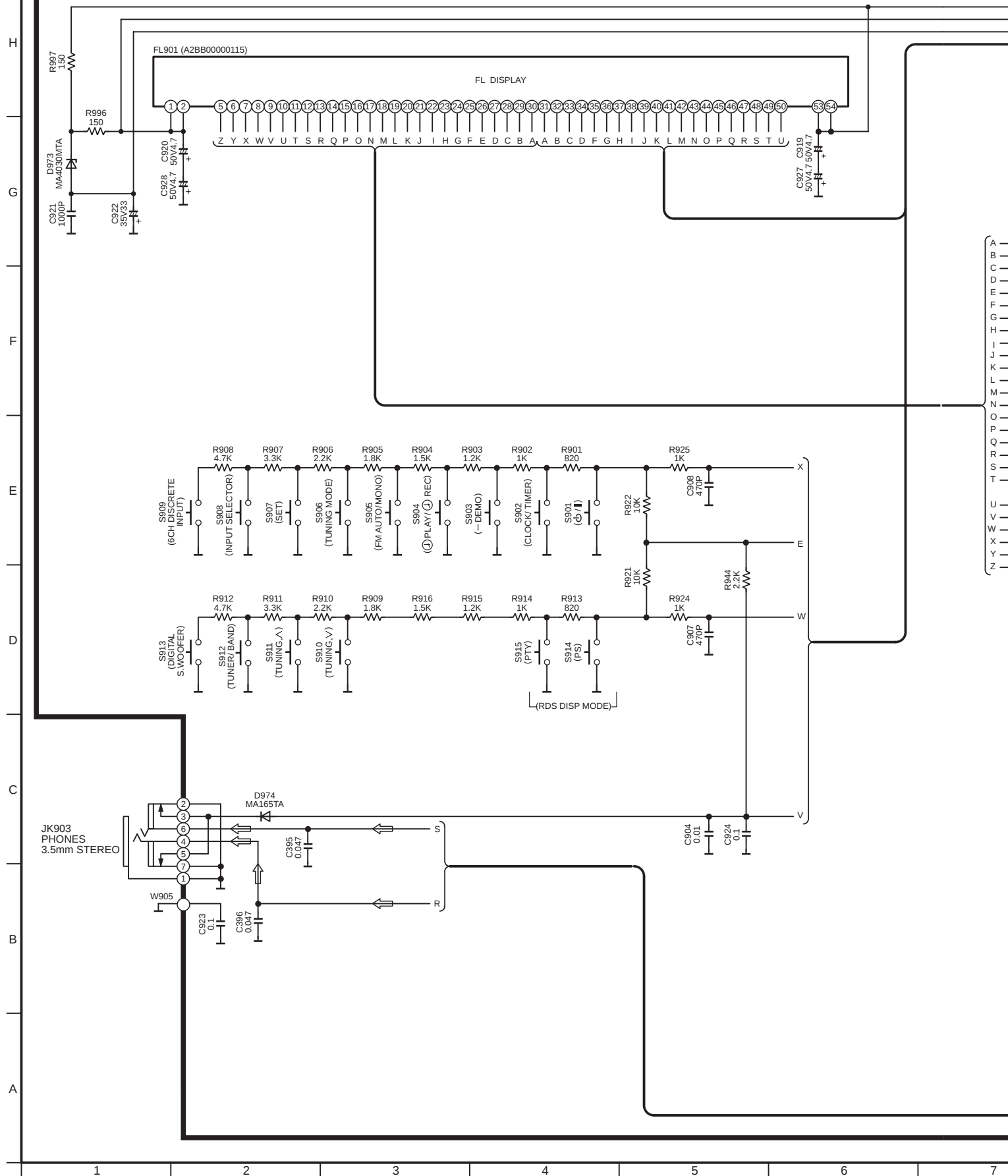


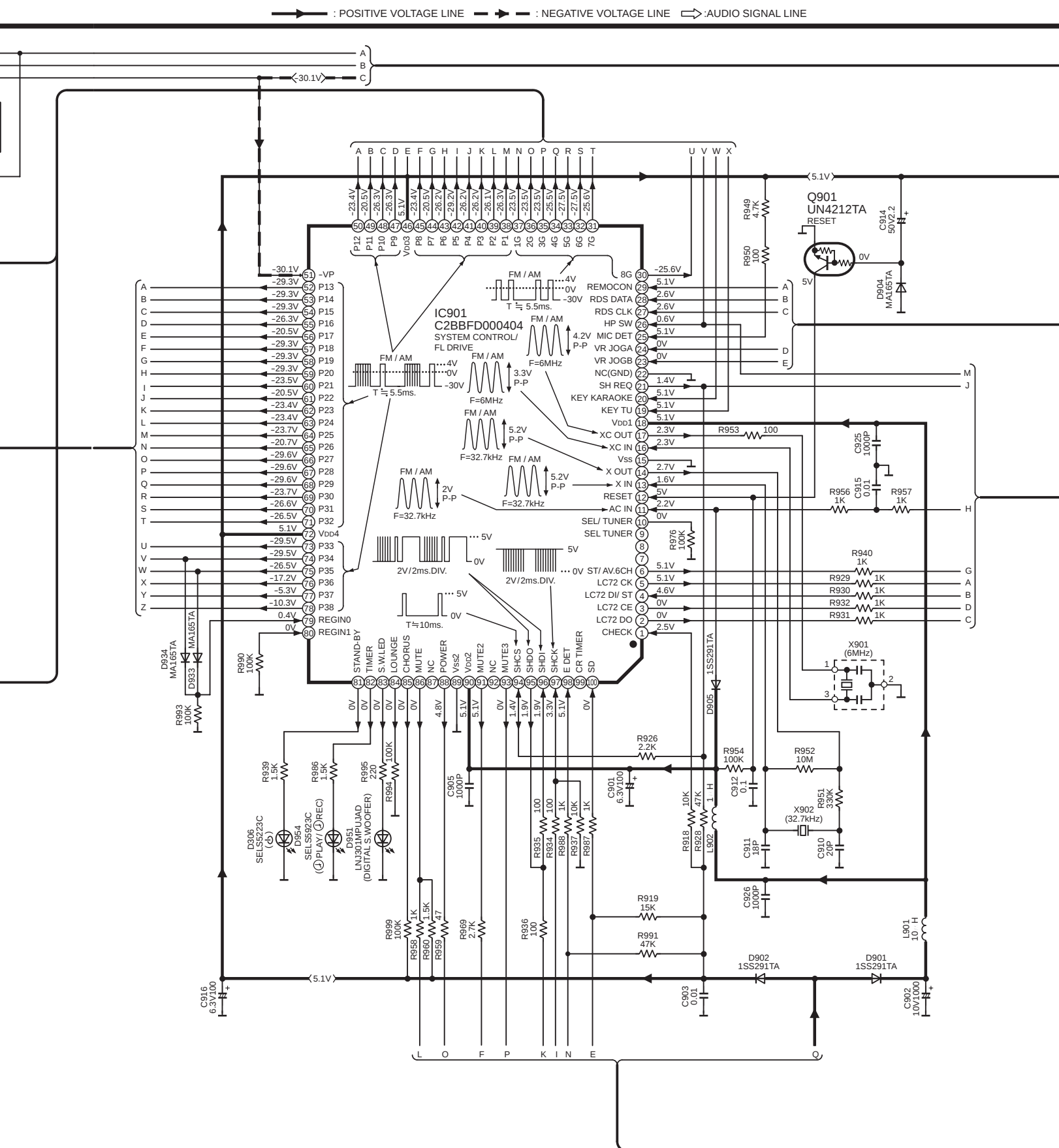
B MAIN CIRCUIT

➡ : POSITIVE VOLTAGE LINE
➡ : NEGATIVE VOLTAGE LINE ➡ : AUDIO SIGNAL LINE



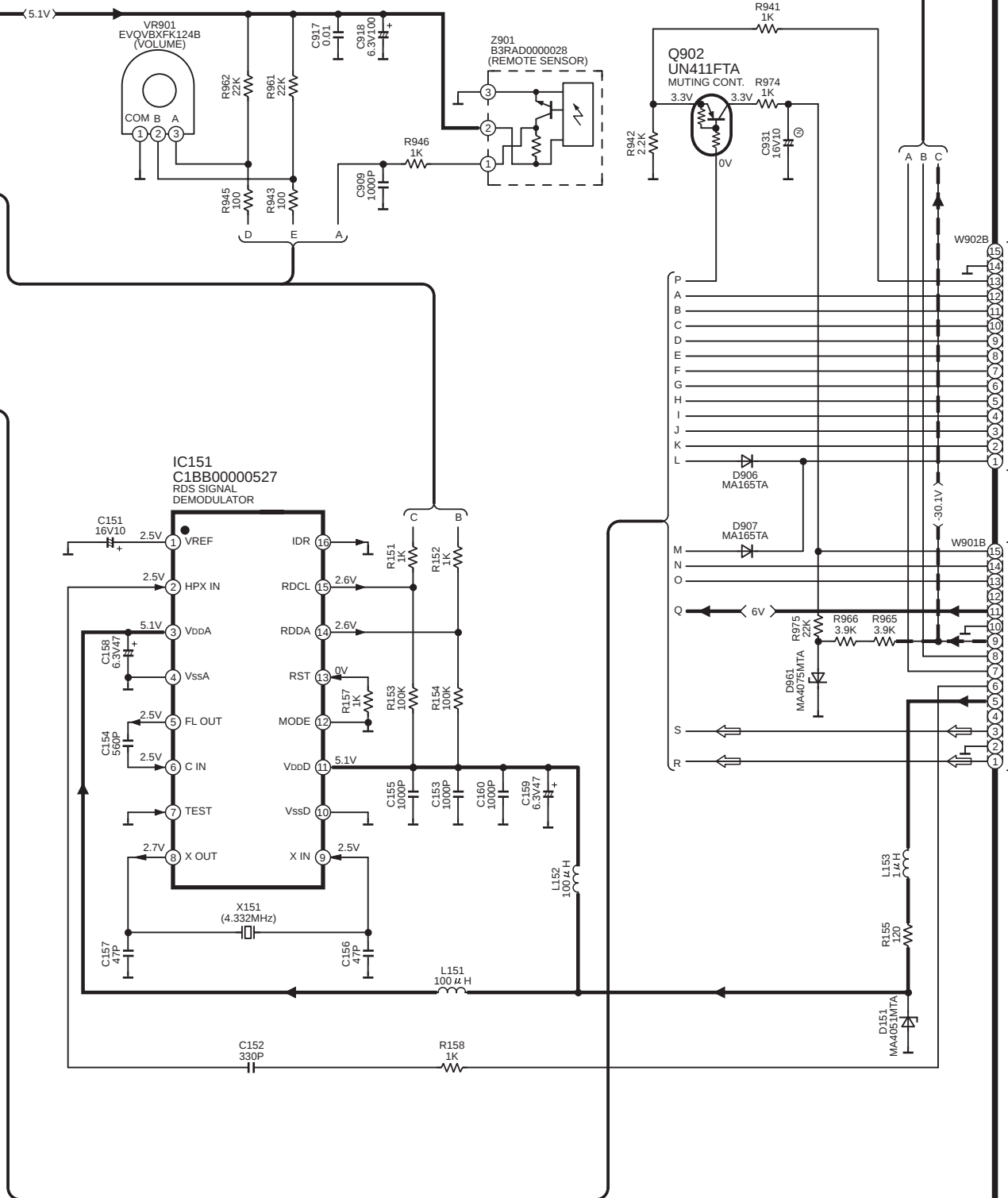
A OPERATION CIRCUIT





A OPERATION CIRCUIT

- - - : NEGATIVE VOLTAGE LINE
 - - - : POSITIVE VOLTAGE LINE
 - - - : AUDIO SIGNAL LINE
 - - - : TUNER SIGNAL LINE



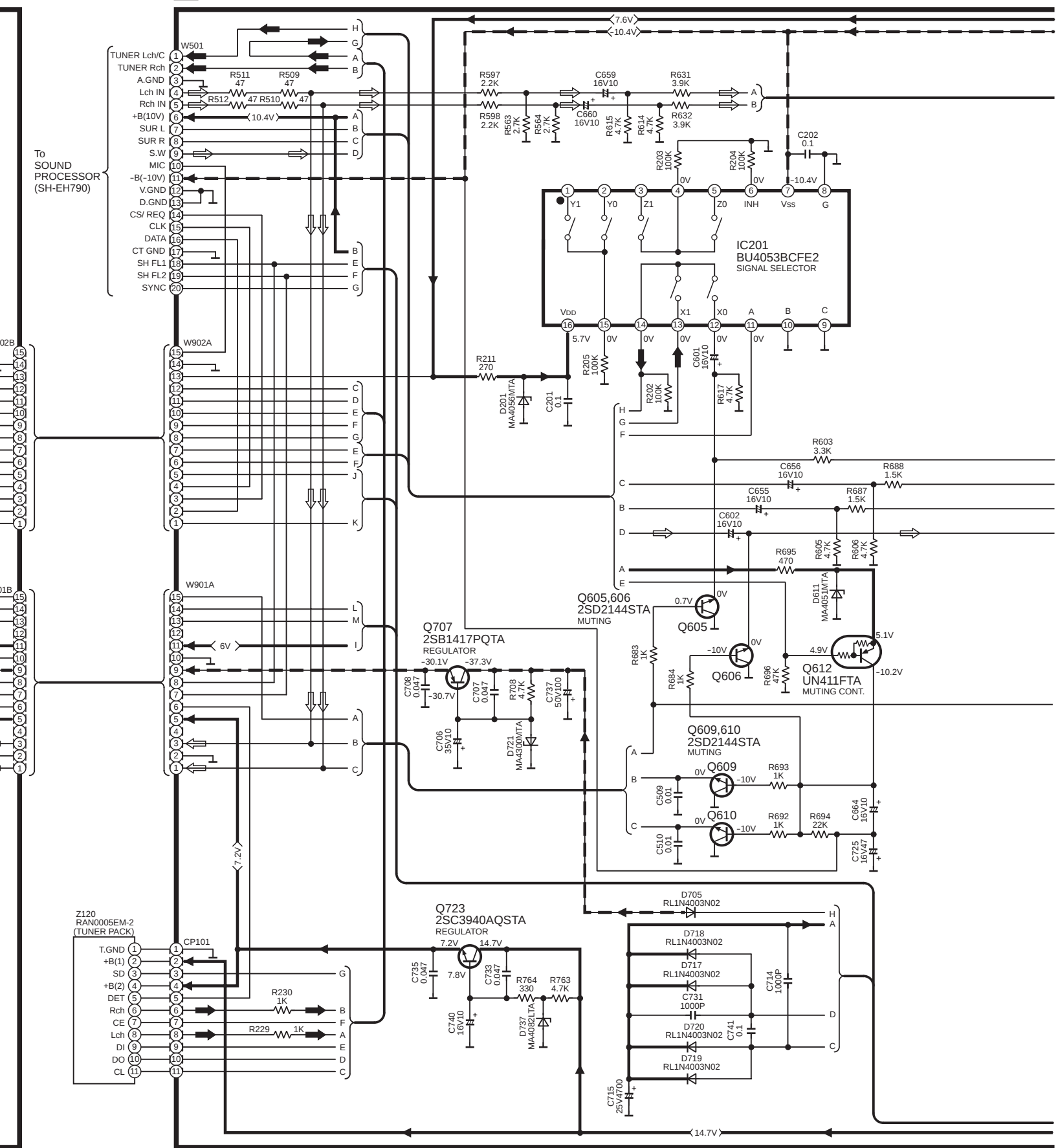
TUNER Lch
 TUNER R
 A.GN
 Lch
 Rch
 +B(10)
 SUR
 SUR
 S.
 M
 -B(-10)
 V.GN
 D.GN
 CS/ RE
 CT
 CT GN
 SH F
 SH F
 SYN

To
 SOUND
 PROCESSOR
 (SH-EH790)

Z120
 RAN0005EM-2
 (TUNER PACK)

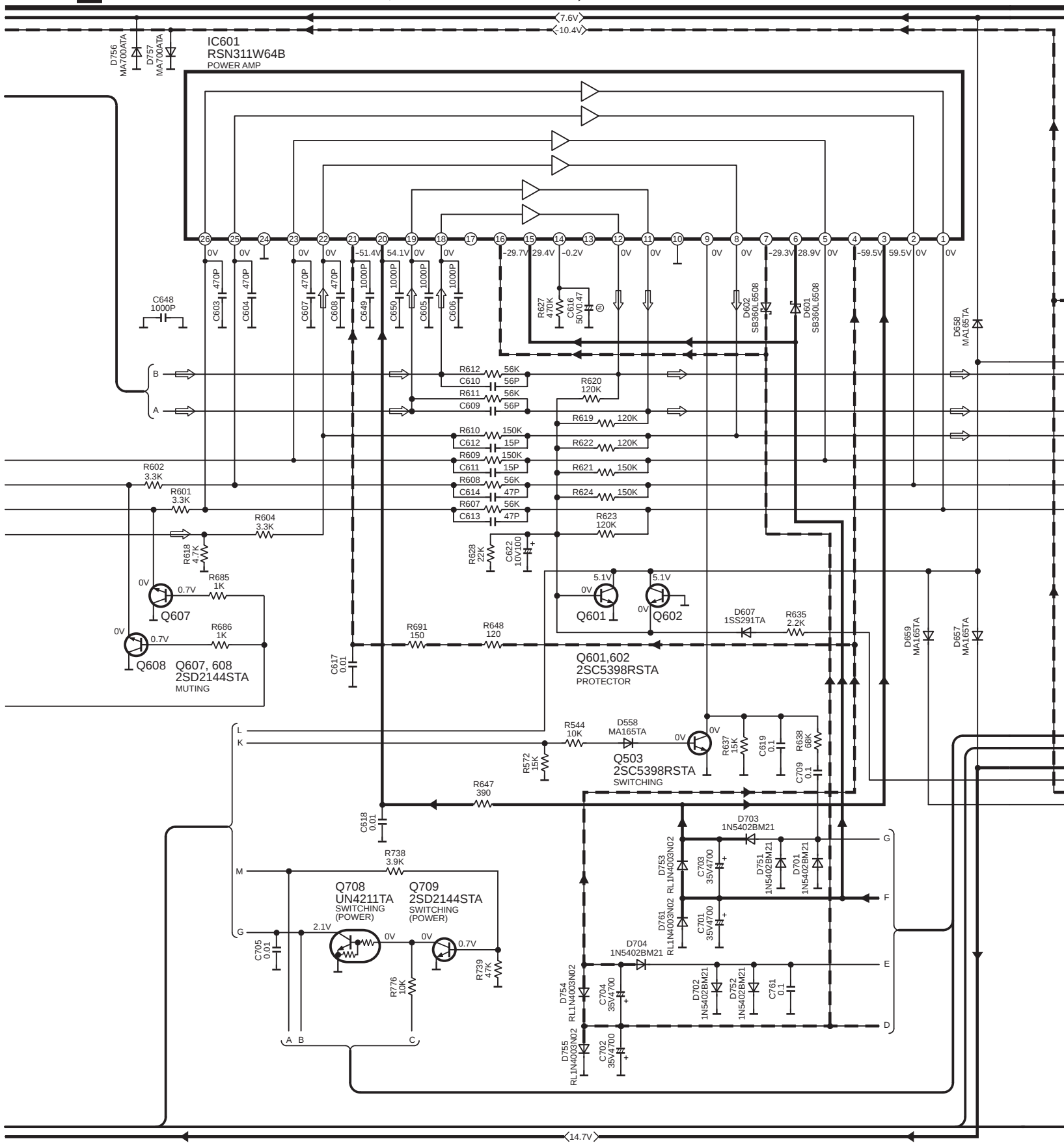
T.GND	1
+B(1)	2
SD	3
+B(2)	4
DET	5
Rch	6
CE	7
Lch	8
DI	9
DO	10
CL	11

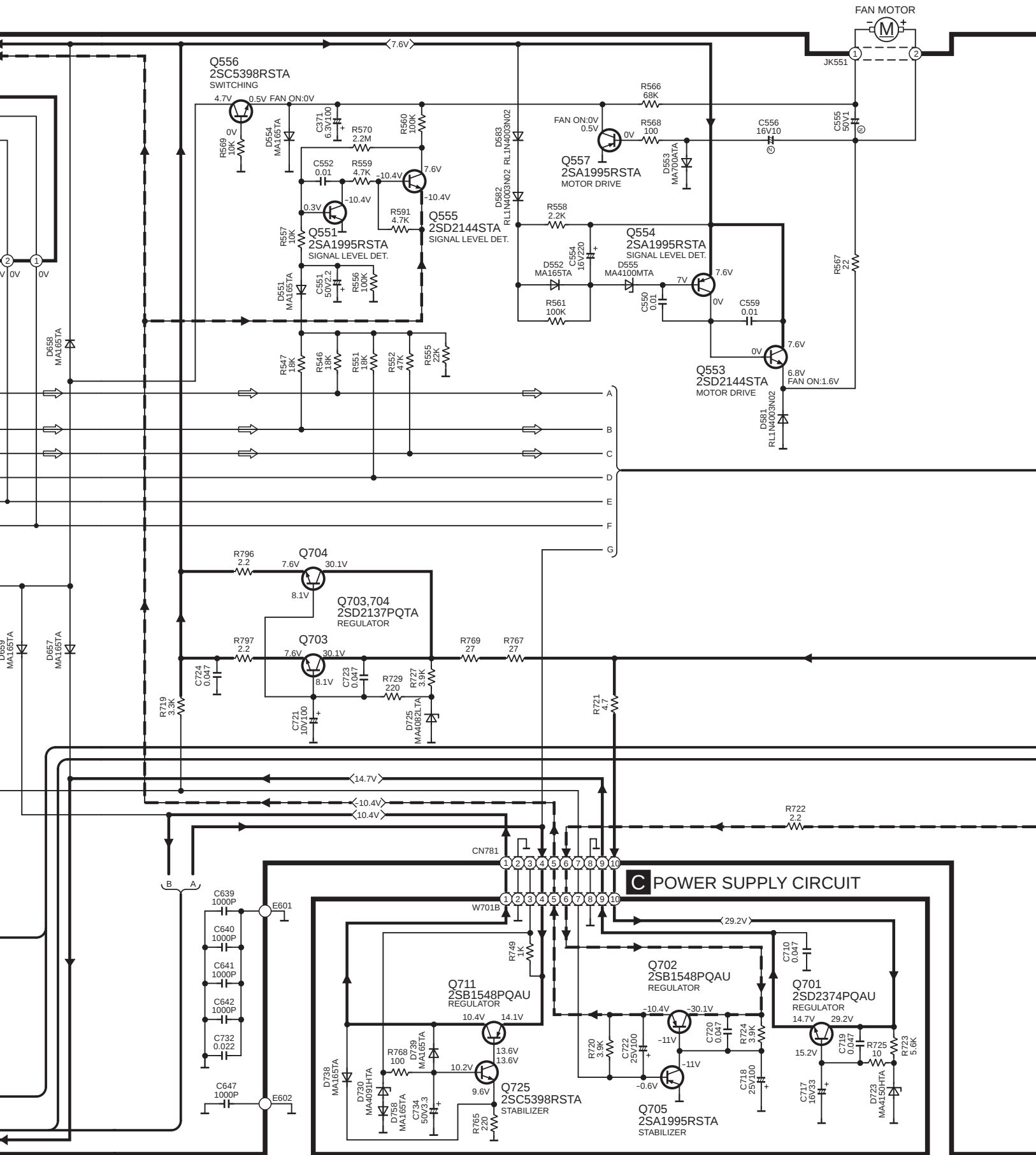
B MAIN CIRCUIT



B MAIN CIRCUIT

→ : POSITIVE VOLTAGE LINE
 → : NEGATIVE VOLTAGE LINE ⇨ : AUDIO SIGNAL LINE

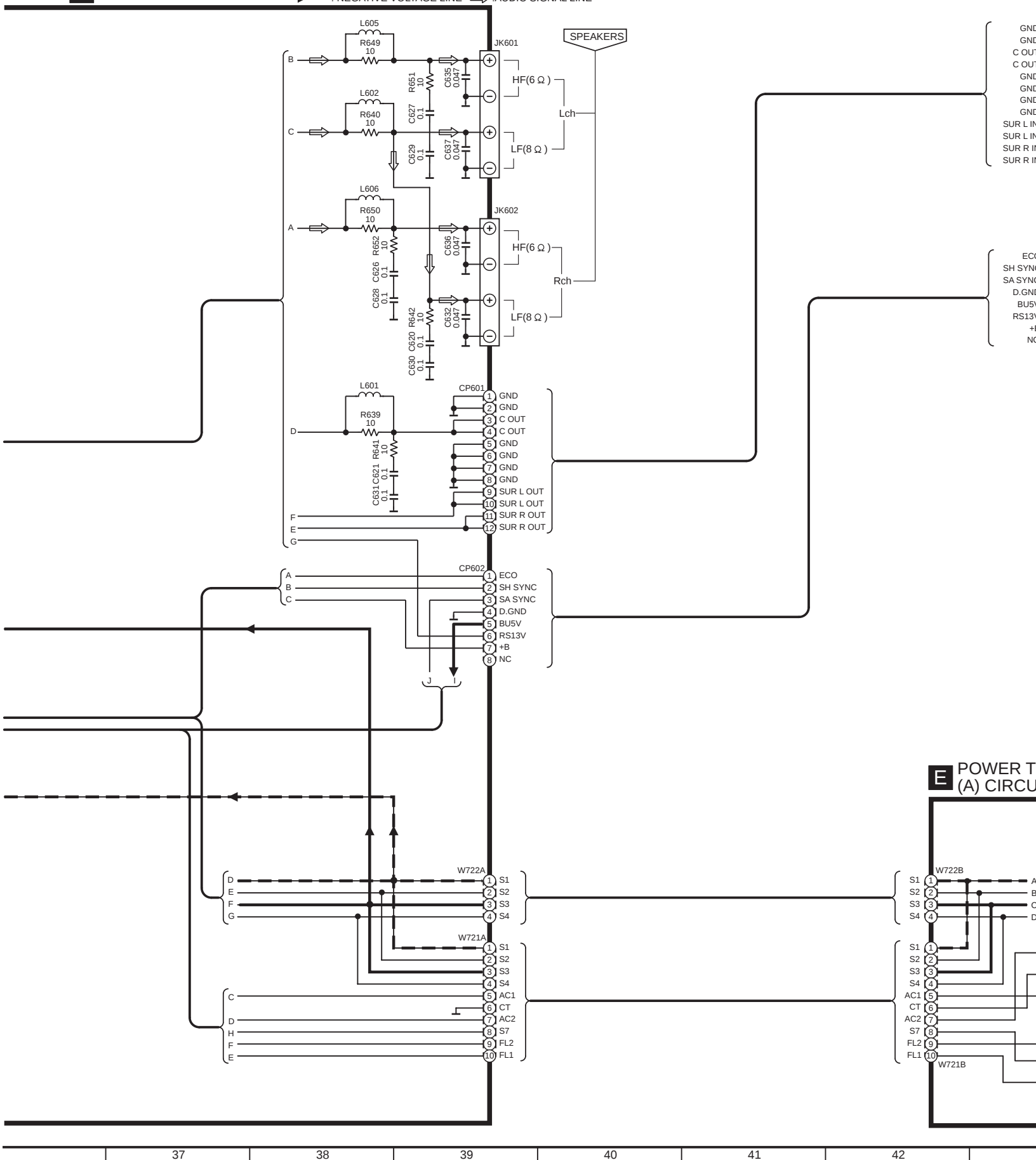




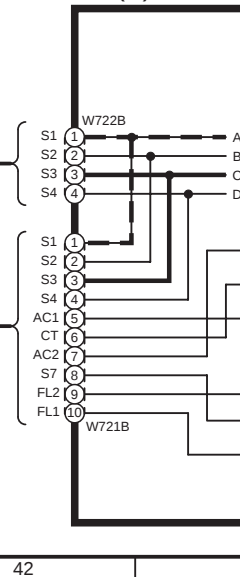
SA-EH790(E,EB,EG,EP) MAIN,POWER SUPPLY CIRCUIT DIAGRAM

B MAIN CIRCUIT

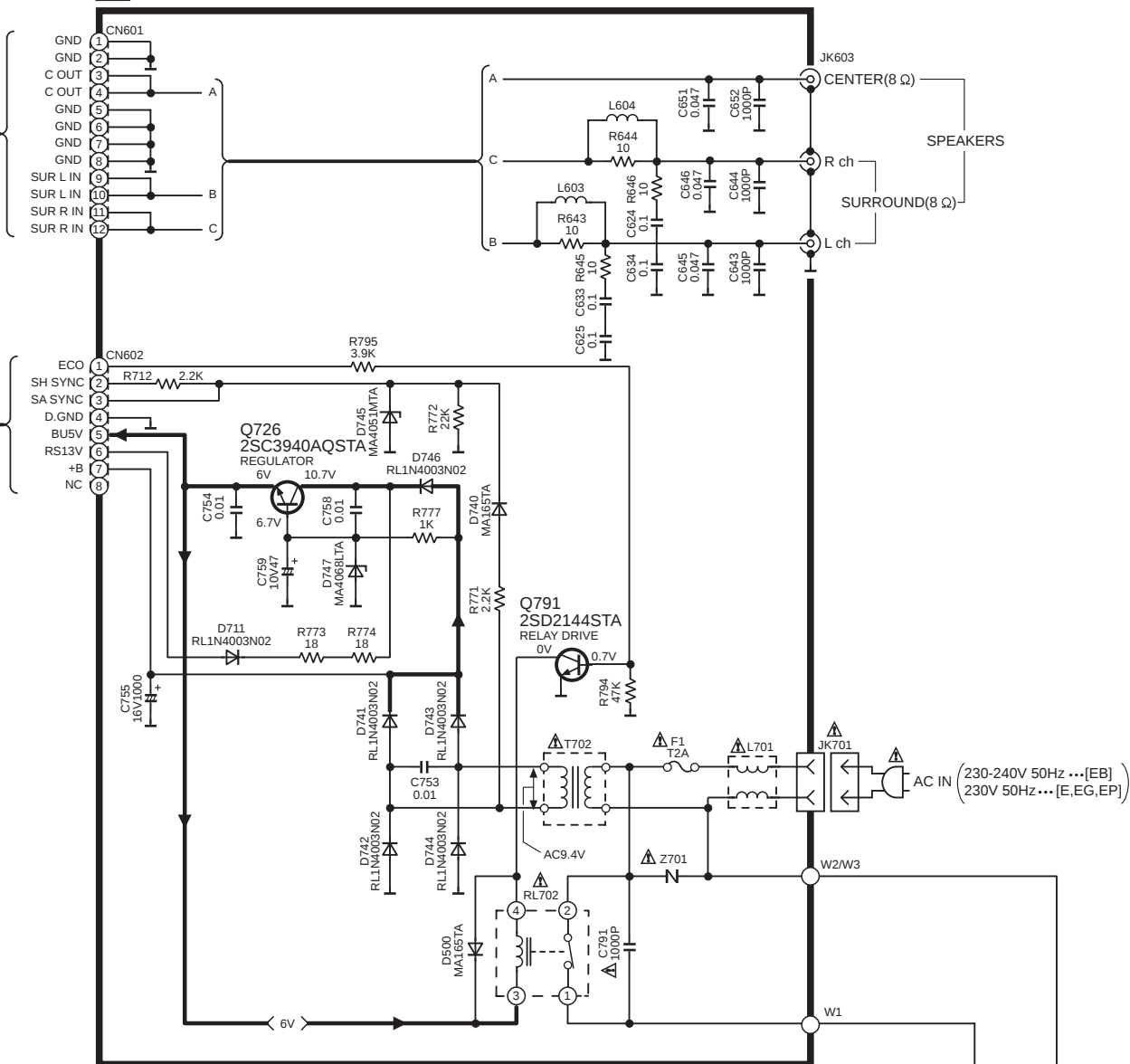
 : POSITIVE VOLTAGE LINE
 : NEGATIVE VOLTAGE LINE  : AUDIO SIGNAL LINE



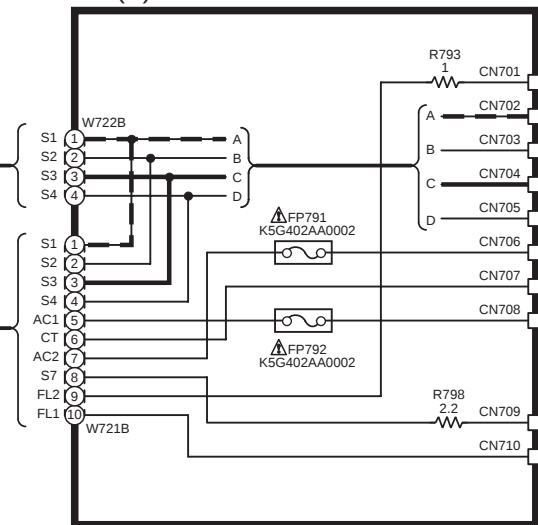
E POWER T (A) CIRCU



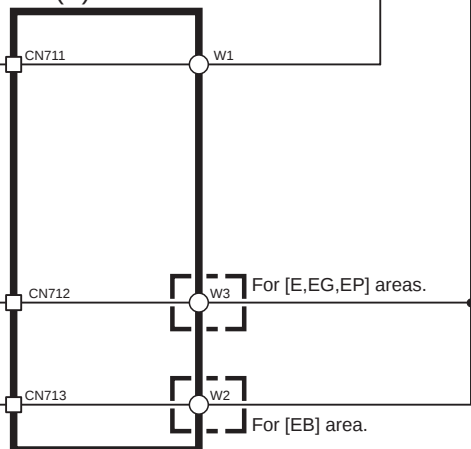
D AC IN CIRCUIT



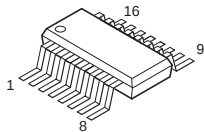
E POWER TRANSFORMER (A) CIRCUIT



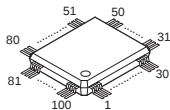
F POWER TRANSFORMER (B) CIRCUIT



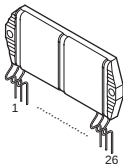
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C1BB00000527



C2BBFD000404



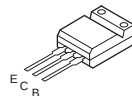
RSN311W64B



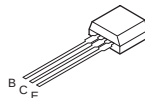
UN411FTA
UN4211TA
UN4212TA



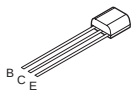
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2SD2137PQTA



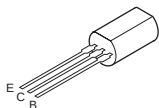
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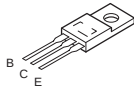
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2SC5398RSTA



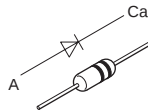
2SC3940AQSTA



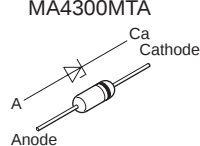
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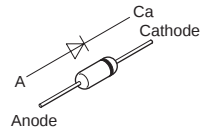
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MA700ATA



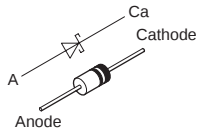
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MA4150HTA
MA4300MTA



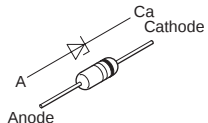
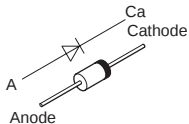
MA165TA



SB360L6508

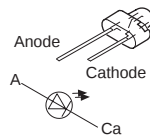


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RL1N4003N02



MA4030MTA
MA4051MTA
MA4056MTA
MA4068LTA
MA4075MTA
MA4082LTA
MA4091HTA

LNJ301MPUJAD



SELS5223C
SELS5923C

