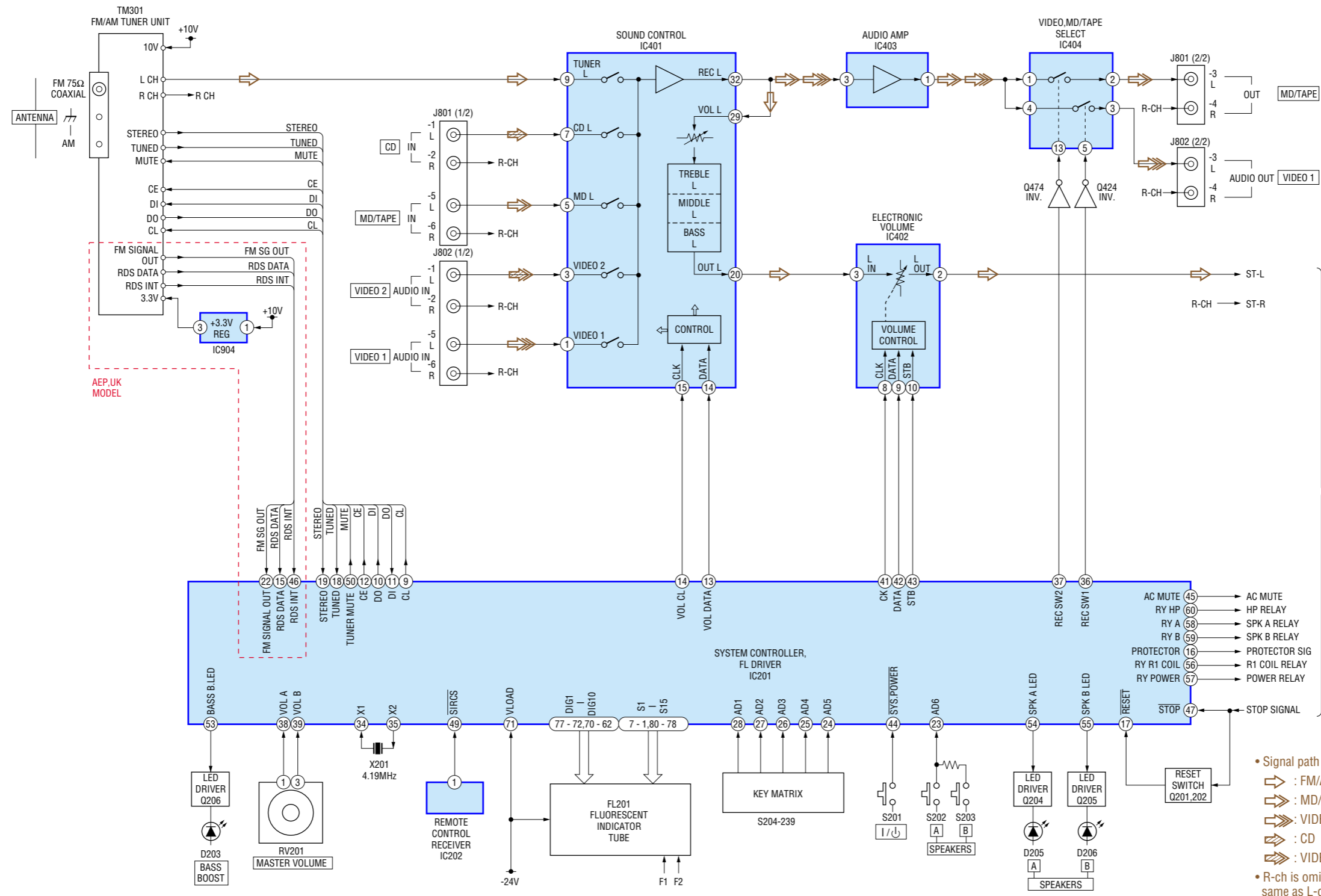
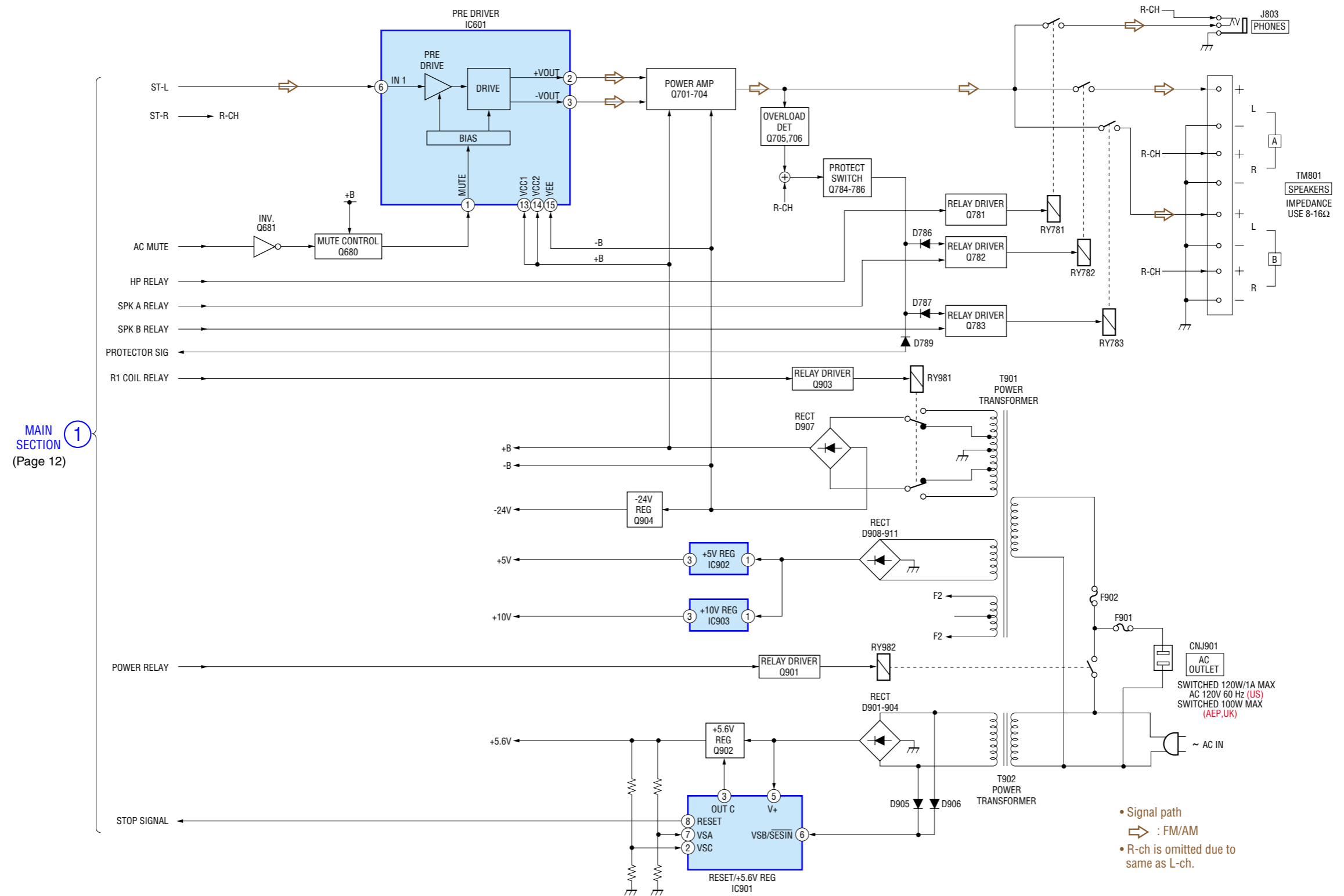


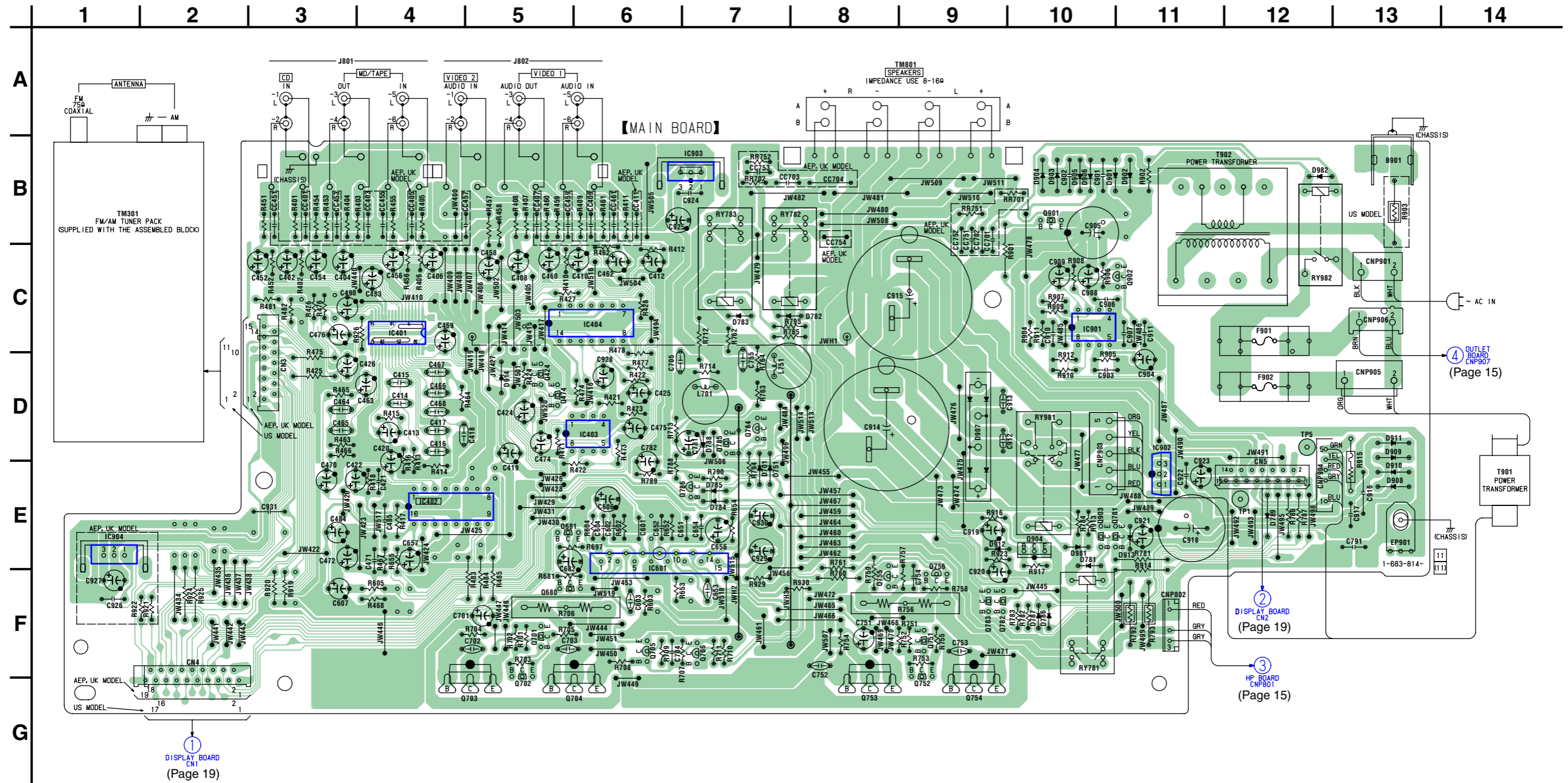
4-3. BLOCK DIAGRAM — MAIN SECTION —



4-4. BLOCK DIAGRAM — POWER SECTION —



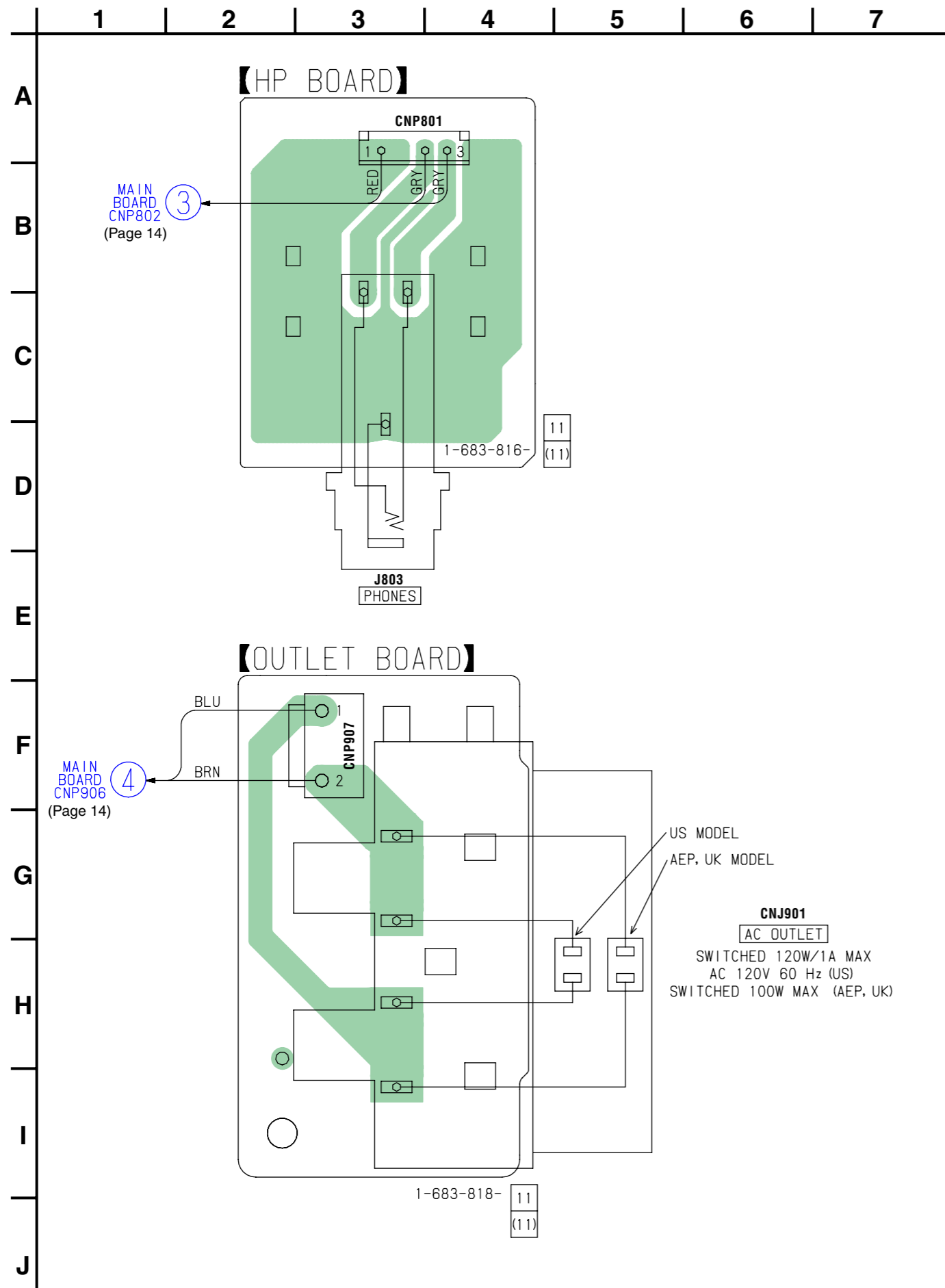
4-5. PRINTED WIRING BOARD — MAIN SECTION — • Refer to page 11 for Circuit Boards Location and page 15 for Common Note on Printed Wiring Boards.



Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D701	E-7	D906	B-10	IC601	E-6	Q751	G-9
D751	E-7	D907	D-9	IC901	C-10	Q752	G-9
D781	E-10	D908	E-13	IC902	D-11	Q753	G-8
D782	C-8	D909	D-13	IC903	B-7	Q754	G-9
D783	C-7	D910	E-13	(IC904)	E-1	Q755	F-8
D784	E-7	D911	D-13			Q756	E-9
D785	E-7	D912	E-9	Q424	D-5	Q781	E-10
D786	F-10	D913	E-11	Q474	D-5	Q782	F-9
D787	F-10	D914	D-5	Q680	F-5	Q783	F-9
D788	D-7	D981	E-10	Q681	E-5	Q784	D-7
D789	E-12	D982	B-12	Q701	F-5	Q785	D-7
D901	B-10			Q702	G-5	Q786	E-6
D902	B-11	IC401	C-4	Q703	G-4	Q901	B-10
D903	B-10	IC402	E-4	Q704	G-6	Q902	C-11
D904	B-10	IC403	D-6	Q705	F-6	Q903	E-10
D905	B-10	IC404	C-6	Q706	F-7	Q904	E-10

( ) : AEP, UK model

4-6. PRINTED WIRING BOARDS — H/P, OUTLET SECTION — • Refer to page 11 for Circuit Boards Location.



**THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.**  
(In addition to this, the necessary note is printed in each block.)

**for schematic diagram:**

- All capacitors are in  $\mu\text{F}$  unless otherwise noted.  $\text{pF}$ :  $\mu\text{F}$  50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and  $\frac{1}{4}W$  or less unless otherwise specified.
- $\Delta$  : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

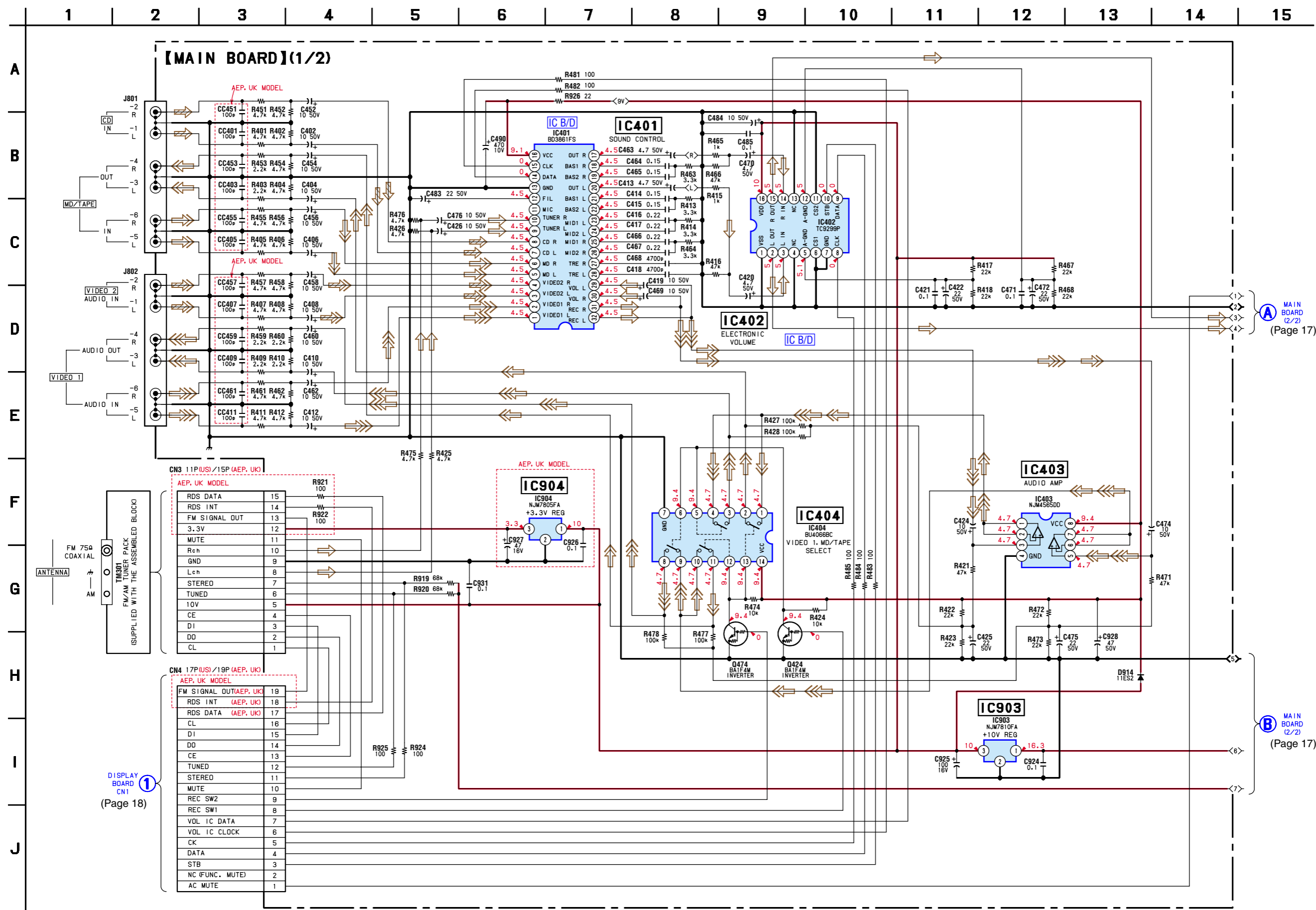
**Note:** The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety.  
Replace only with part number specified.

- : B+ Line.
- : B- Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.  
no mark : FM
- Voltages are taken with a VOM (Input impedance 10 M $\Omega$ ).  
Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.  
Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  - : FM/AM
  - : MD/TAPE
  - : VIDEO 1
  - : CD
  - : VIDEO 2

**for printed wiring boards:**

- : parts extracted from the component side.
- $\Delta$  : internal component.
- : Pattern from the side which enables seeing.

4-7. SCHEMATIC DIAGRAM — MAIN SECTION (1/2) — • Refer to page 15 for Common Note on Schematic Diagram and page 20 for IC Block Diagrams.

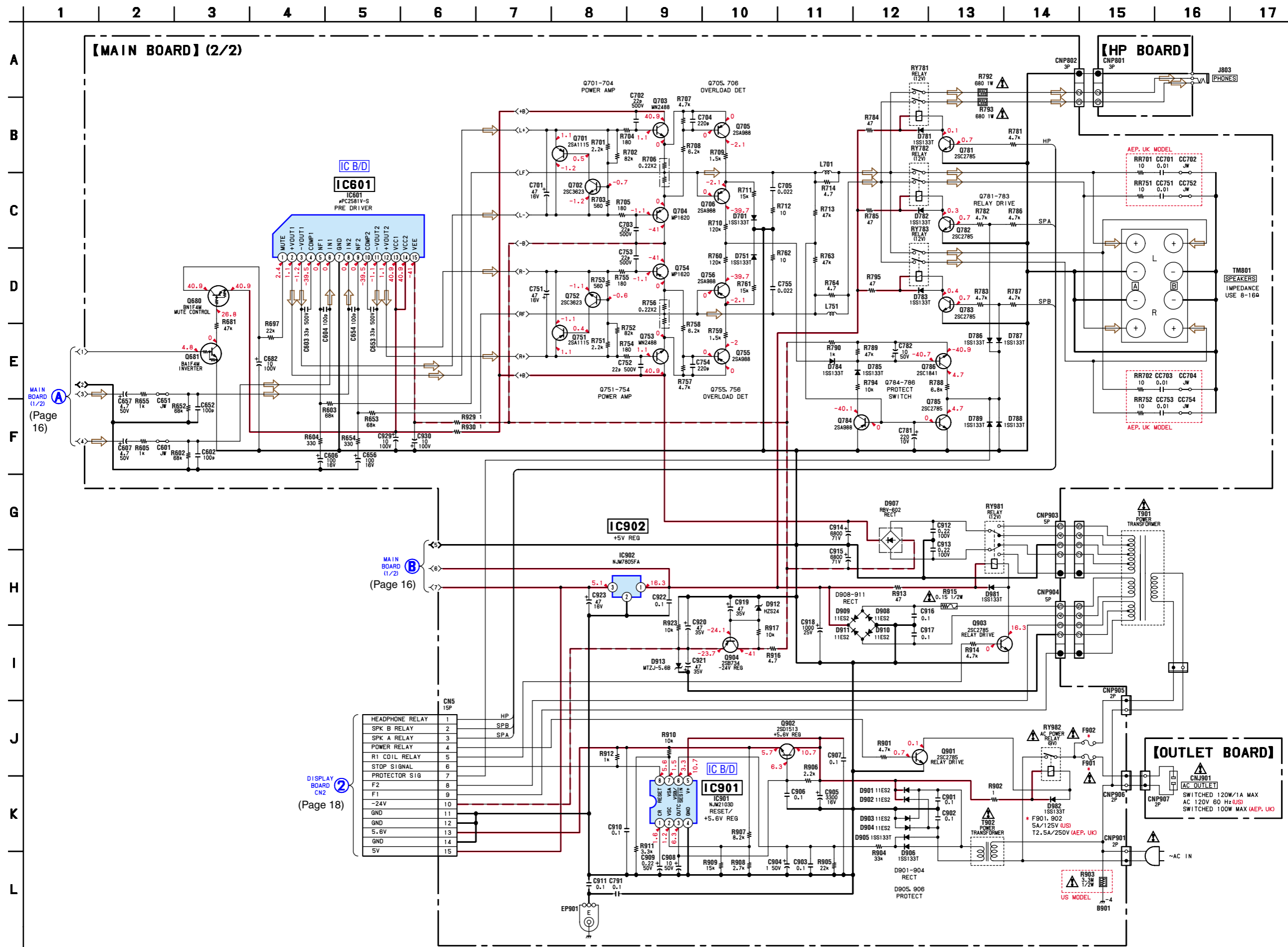


A MAIN BOARD (2/2) (Page 17)

B MAIN BOARD (2/2) (Page 17)

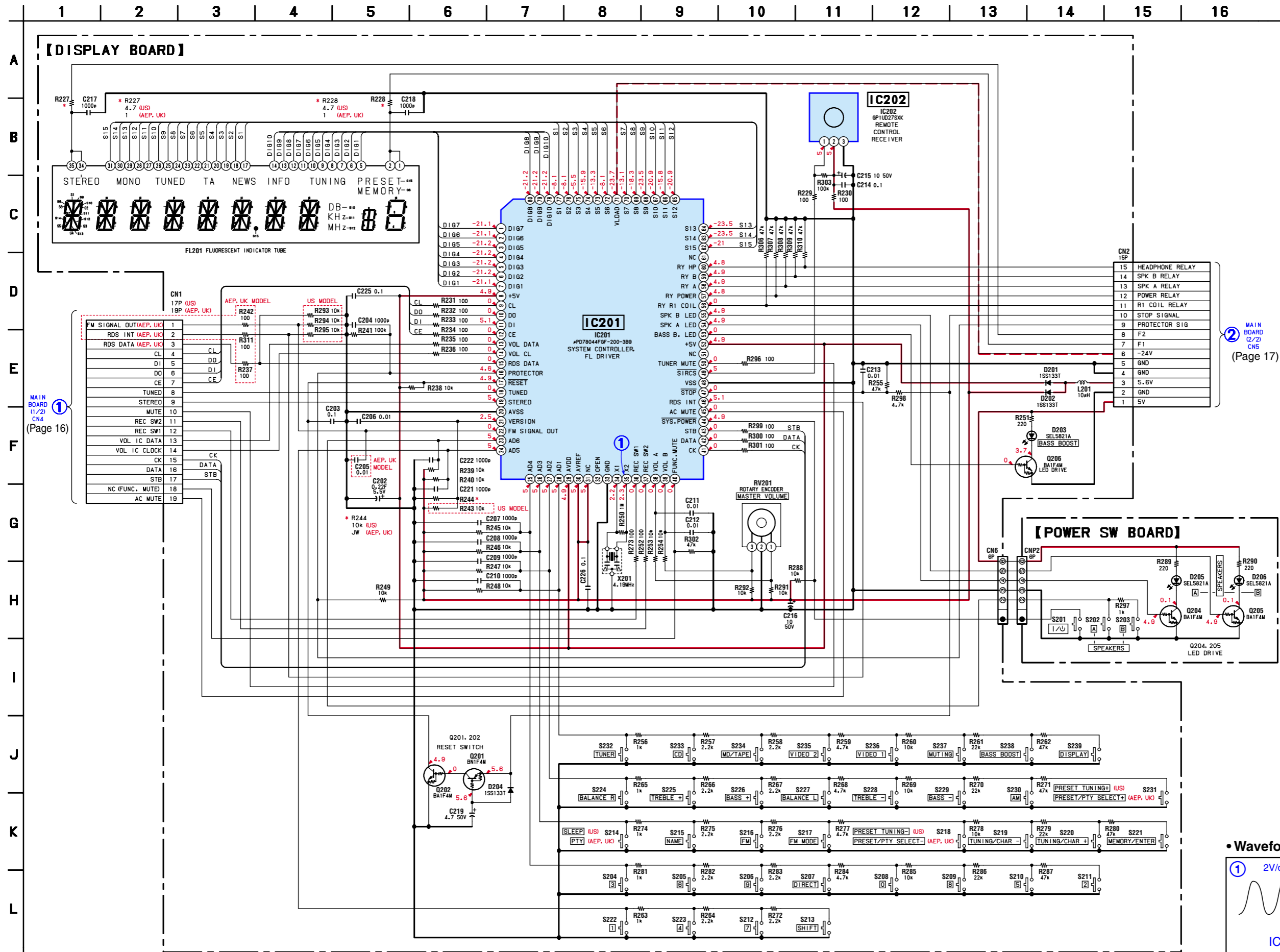
DISPLAY BOARD CN1 (Page 18)

4-8. SCHEMATIC DIAGRAM — MAIN SECTION (2/2) — • Refer to page 15 for Common Note on Schematic Diagram and page 20 for IC Block Diagrams.

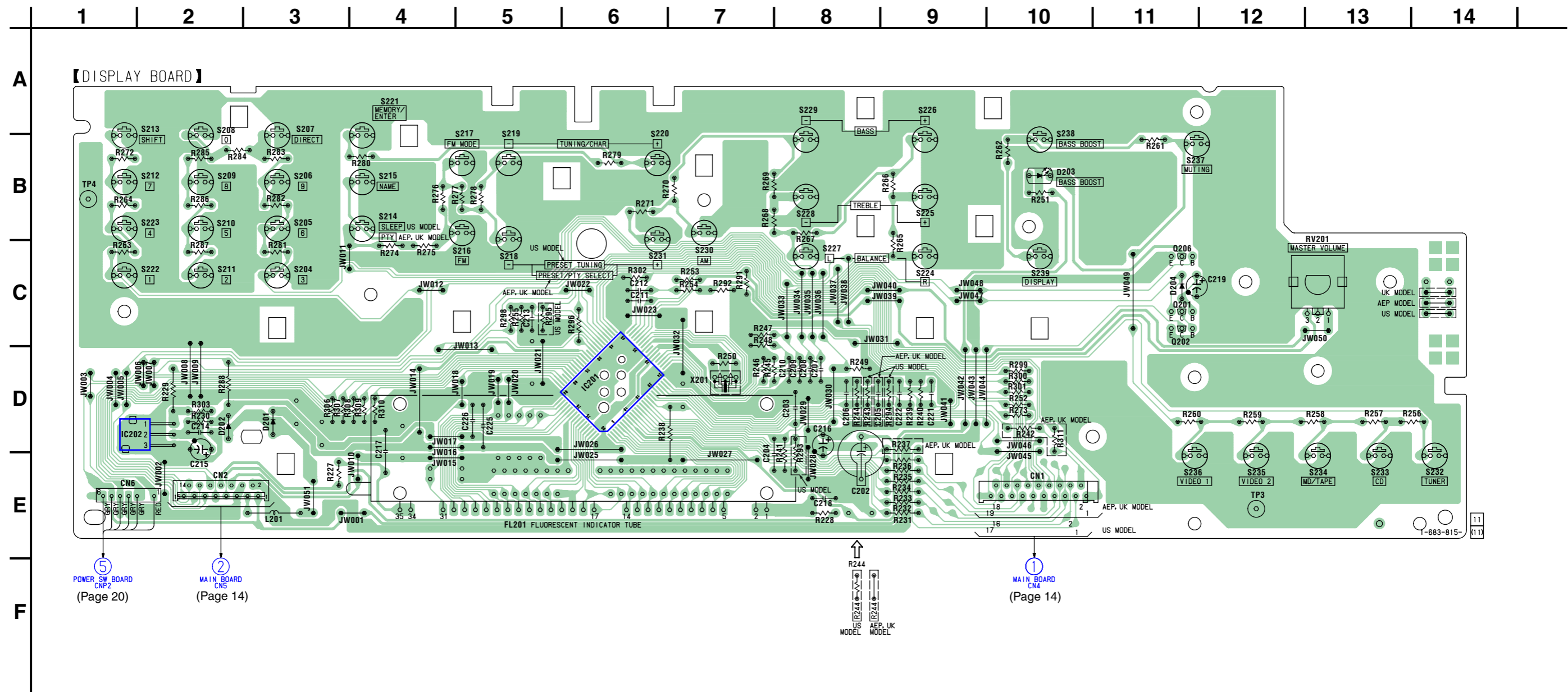


Note: The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

4-9. SCHEMATIC DIAGRAM — DISPLAY SECTION — • Refer to page 15 for Common Note on Schematic Diagram.



4-10. PRINTED WIRING BOARD — DISPLAY SECTION — • Refer to page 11 for Circuit Boards Location and page 15 for Common Note on Printed Wiring Boards.



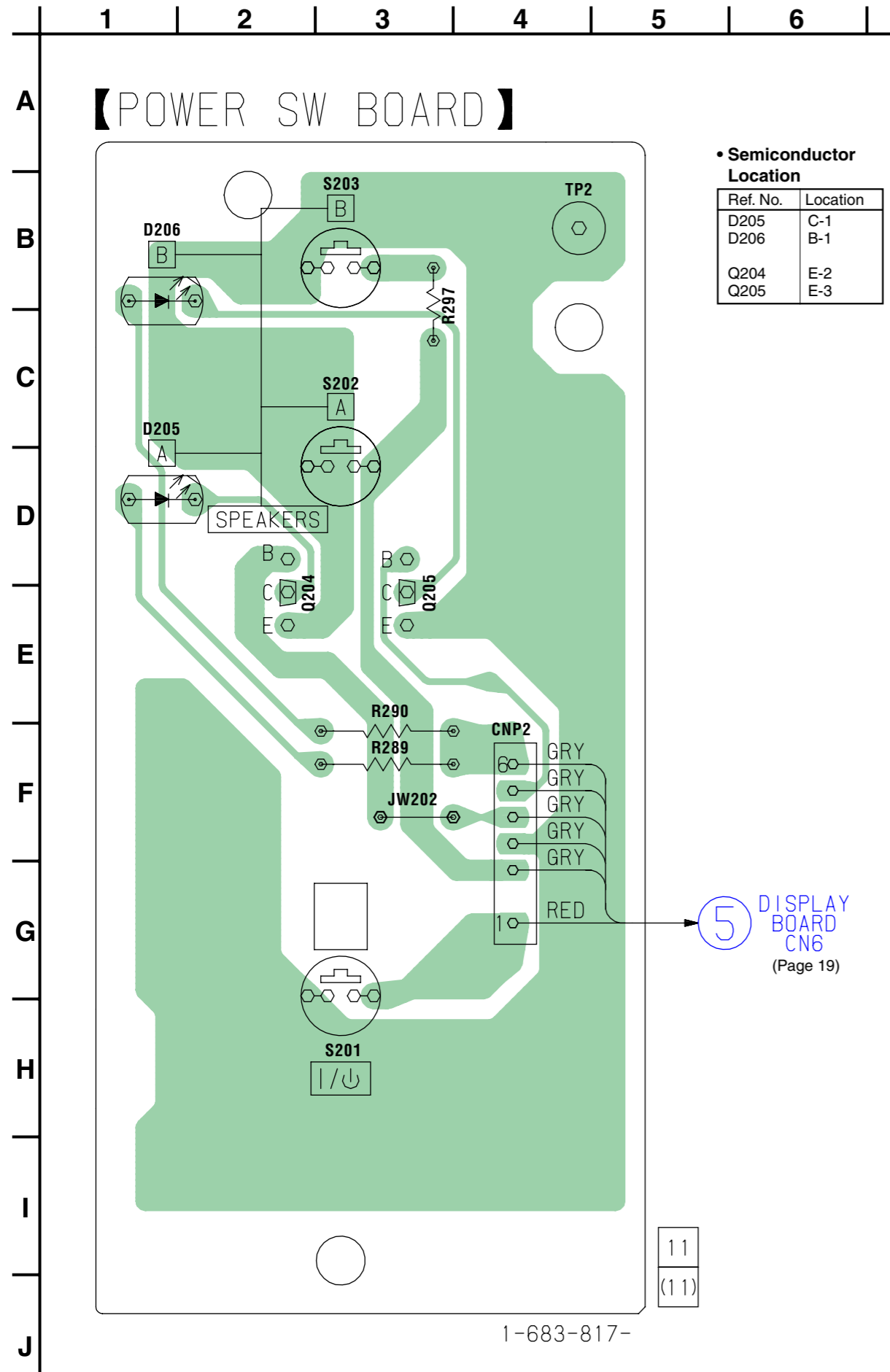
• Semiconductor Location

Ref. No.	Location
D201	D-3
D202	D-2
D203	B-10
D204	C-11
IC201	D-6
IC202	D-1
Q201	C-11
Q202	C-11
Q206	C-11



4-11. PRINTED WIRING BOARD — POWER SW SECTION —

• Refer to page 11 for Circuit Boards Location and page 15 for Common Note on Printed Wiring Boards.



• Semiconductor Location

Ref. No.	Location
D205	C-1
D206	B-1
Q204	E-2
Q205	E-3

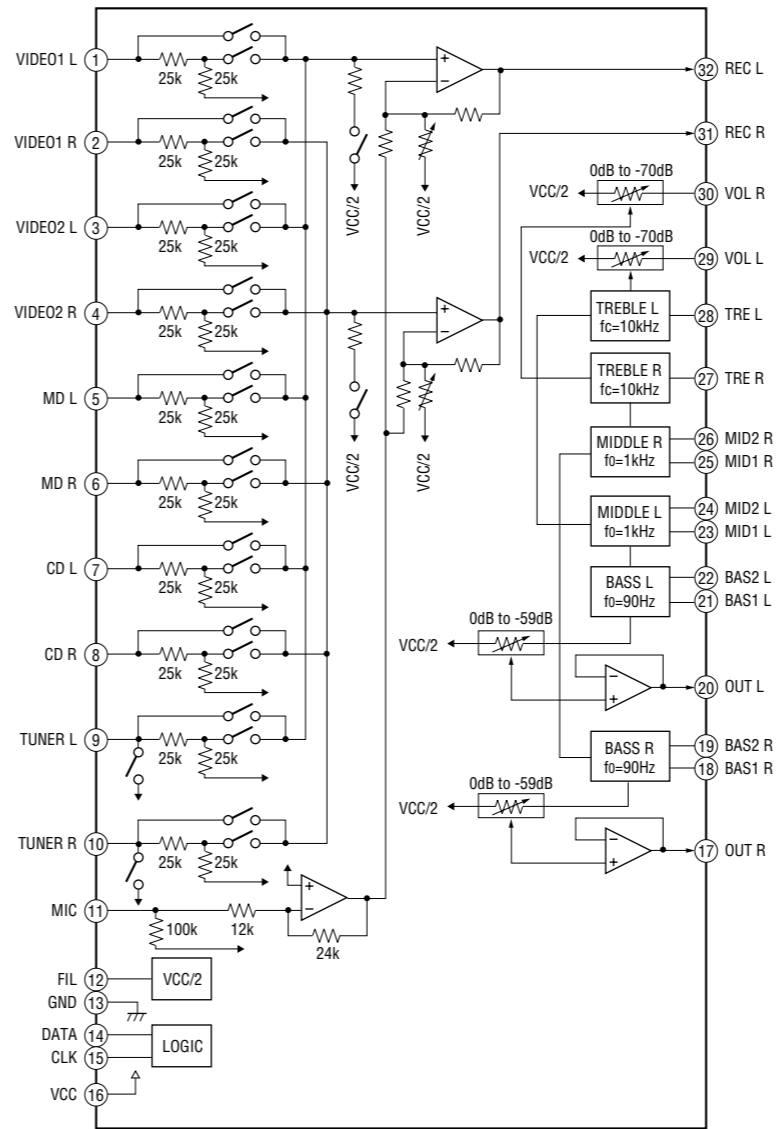
5 DISPLAY BOARD CN6 (Page 19)

11  
(11)

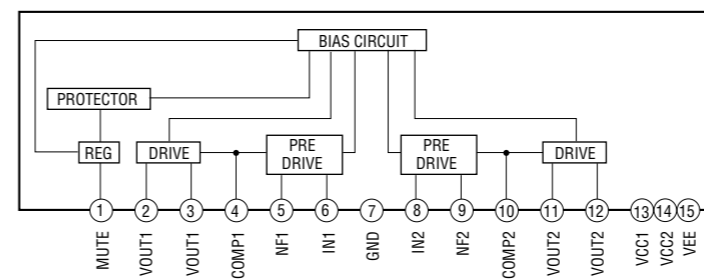
1-683-817-

• IC Block Diagrams

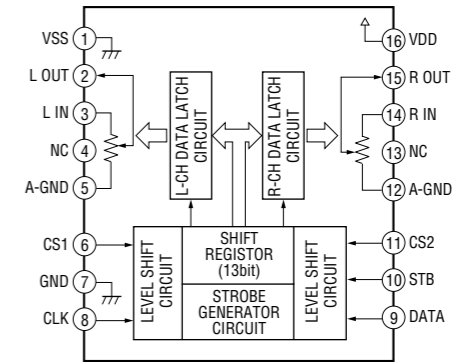
IC401 BD3861FS



IC601 μPC2581V-S



IC402 TC9299P



IC901 NJM2103D

