

Schematic Diagram

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This schematic diagram may be modified at any time with the development of new technology.

Notes:

- S701 : Voltage select switch (VOL ADJ)
- S901 : Power "STANDBY" switch (POWER STANDBY ϕ /ON)
- S902 : Clock/timer switch (CLOCK/TIMER)
- S903 : Record timer switch (REC)
- S904 : Play timer switch (PLAY)
- S905 : Tuning mode select switch (TUNING MODE)
- S906 : Set switch (SET)
- S907 : FM mode select switch (FM AUTOMONO)
- S908 : Source input select switch (INPUT SELECTOR)
- S909 : Tuning down switch (TUNING V)
- S910 : Tuning up switch (TUNING A)
- S911 : Tuner/band select switch (TUNER/BAND)
- S912 : V bass switch (V.BASS)
- S913 : Karaoke switch (KARAOKE)
- S914 : Echo switch (ECHO)
- VR401 : MIC volume control (MIC VOL)
- VR901 : Volume control (VOLUME)

Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.

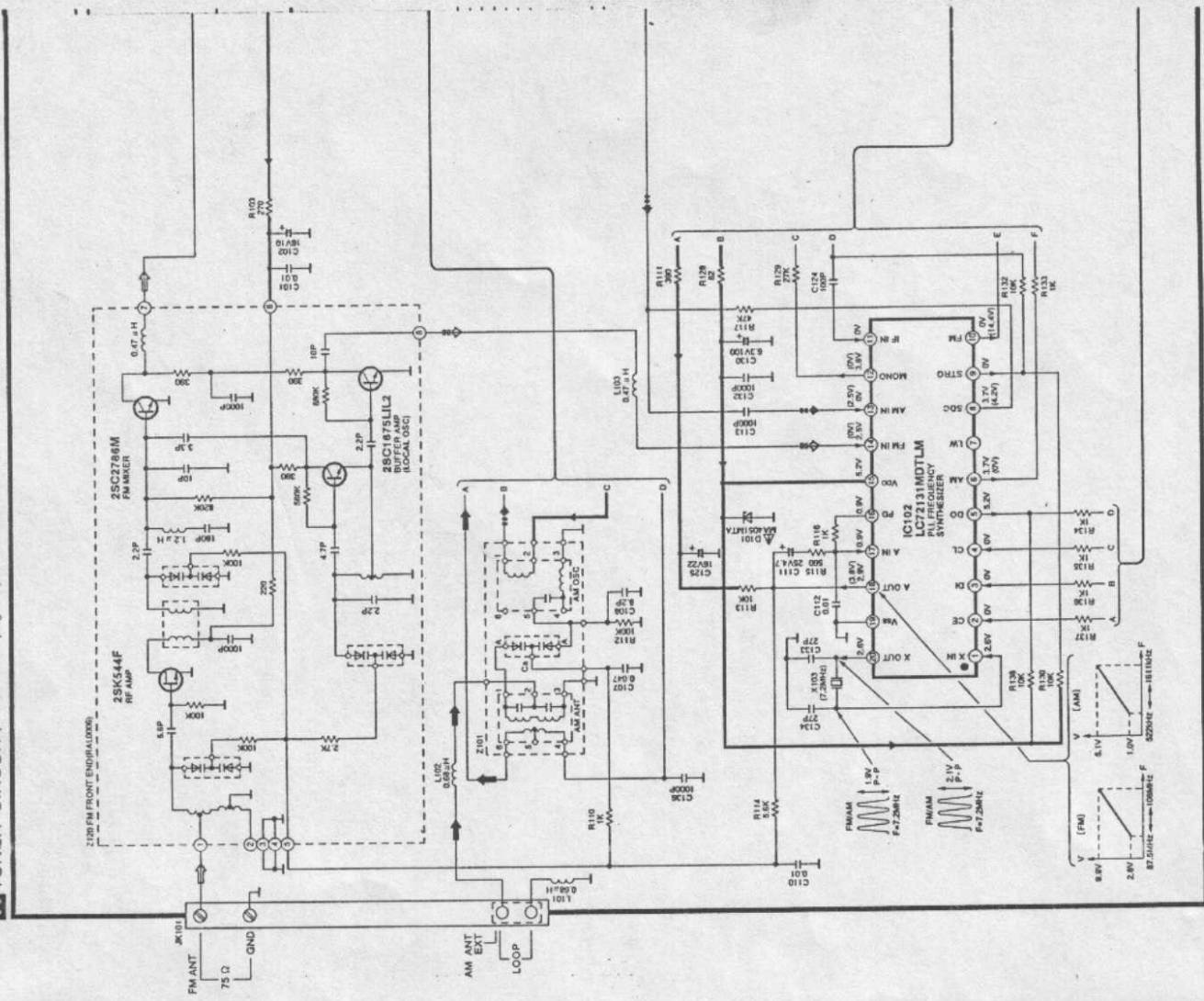
No mark: FM () : AM

Important safety notice:
 IC and LSI are sensitive to static electricity. Components identified by Δ 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 and LSI are sensitive to static electricity. Secondary trouble can be prevented by taking care during repair. Cover the parts boxes made of plastics with aluminum foil. Ground the soldering iron. Put a conductive mat on the work table. Do not touch the legs of IC or LSI with the fingers directly.

- Voltage and signal line**
- : Positive voltage line
 - : AM signal line
 - : AM OSC signal line
 - : FM signal line
 - : FM OSC signal line
 - : Negative voltage line
 - : Mic signal line
 - : Surround Speaker Drive signal line
 - : Center Speaker Drive signal line

A TUNER CIRCUIT (P.C. Board on page 43)

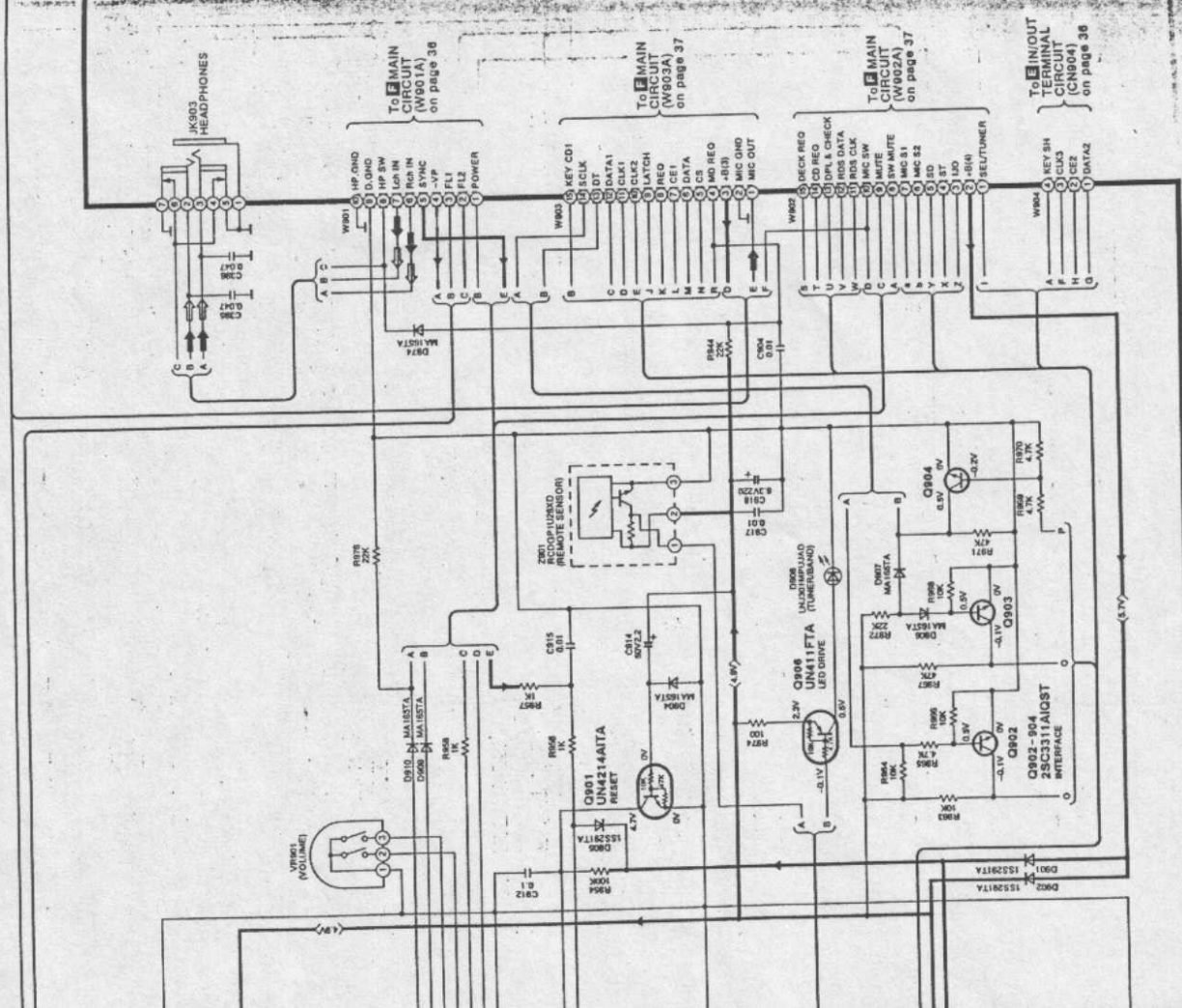
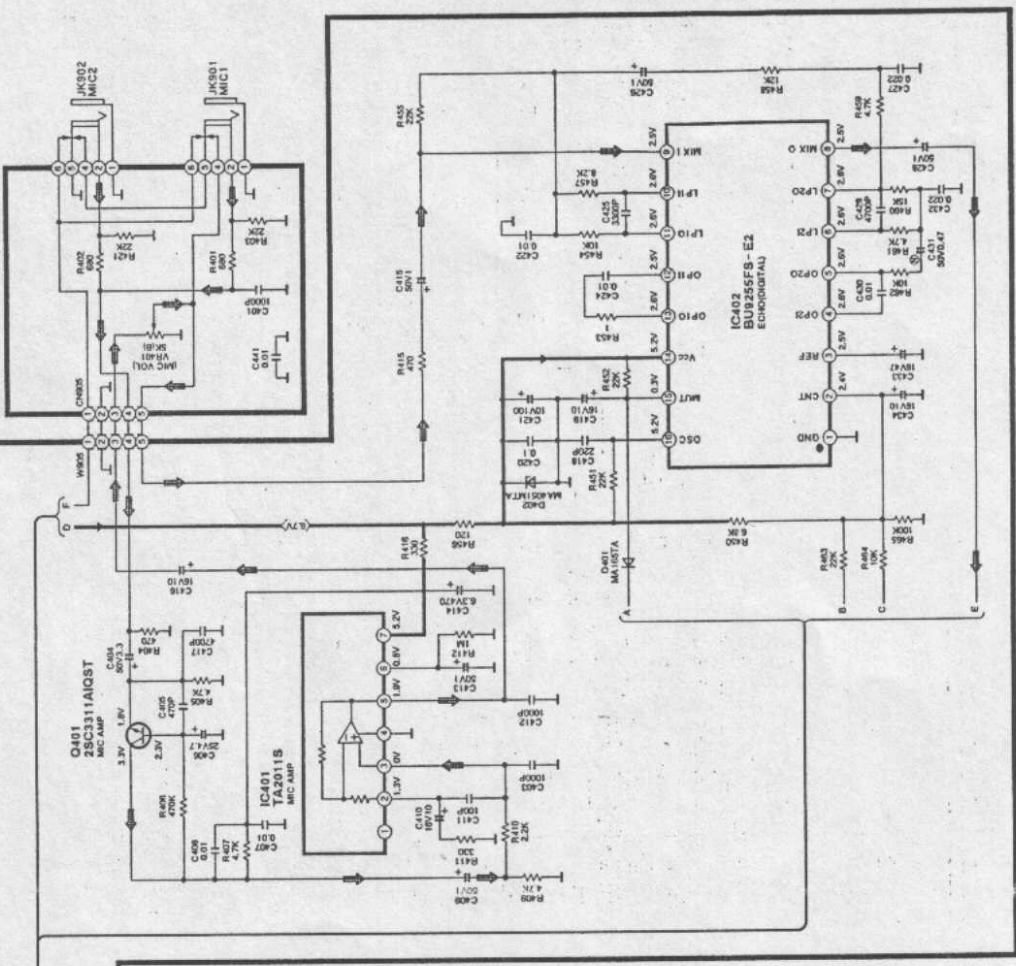


→ : AM signal line
 → : Positive voltage line
 ← : FM signal line
 ← : Negative voltage line

↑ : Mic signal line

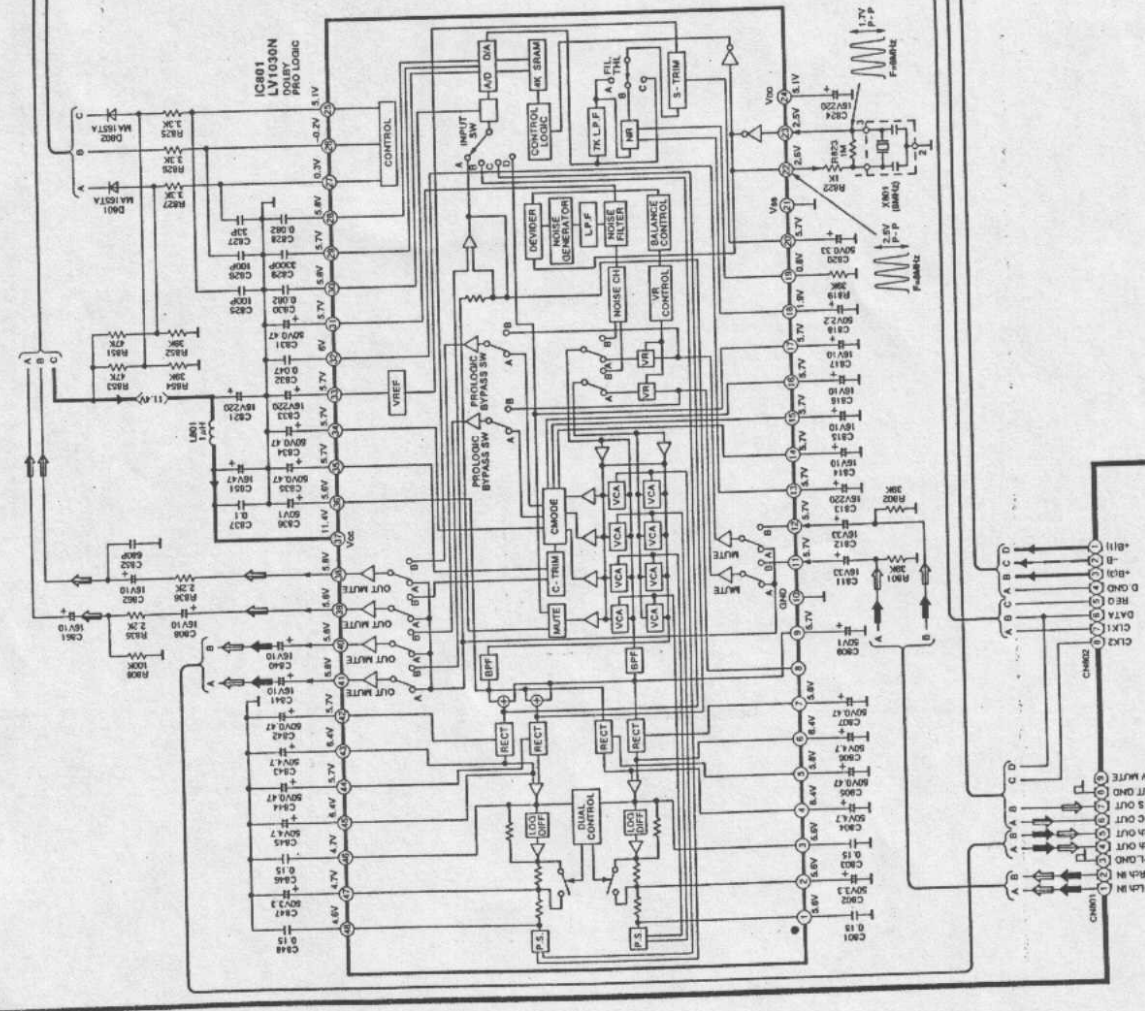
B OPERATION CIRCUIT (P.C. Board on page 43)

C MIC JACK CIRCUIT (P.C. Board on page 43)



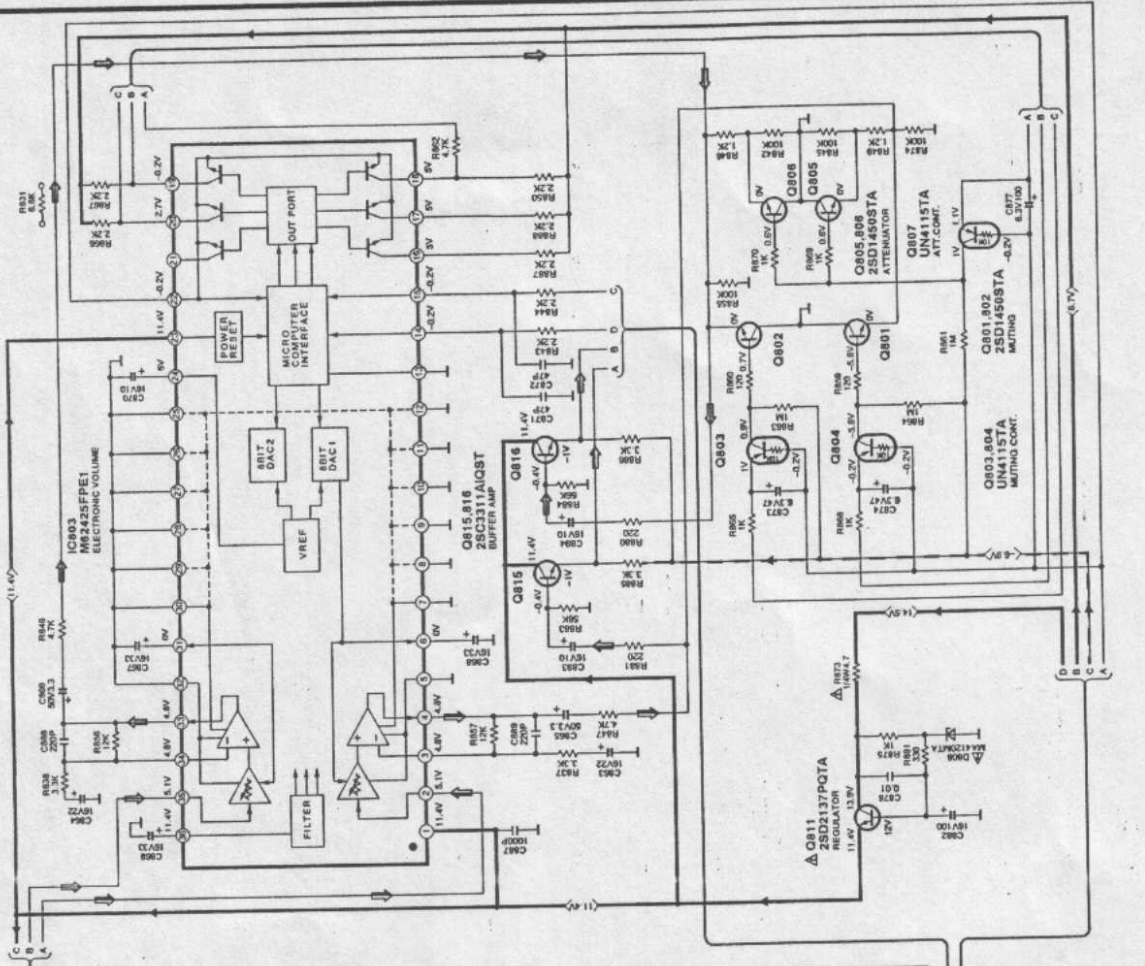


D DOLBY PROLOGIC CIRCUIT (P.C. Board on page 45)

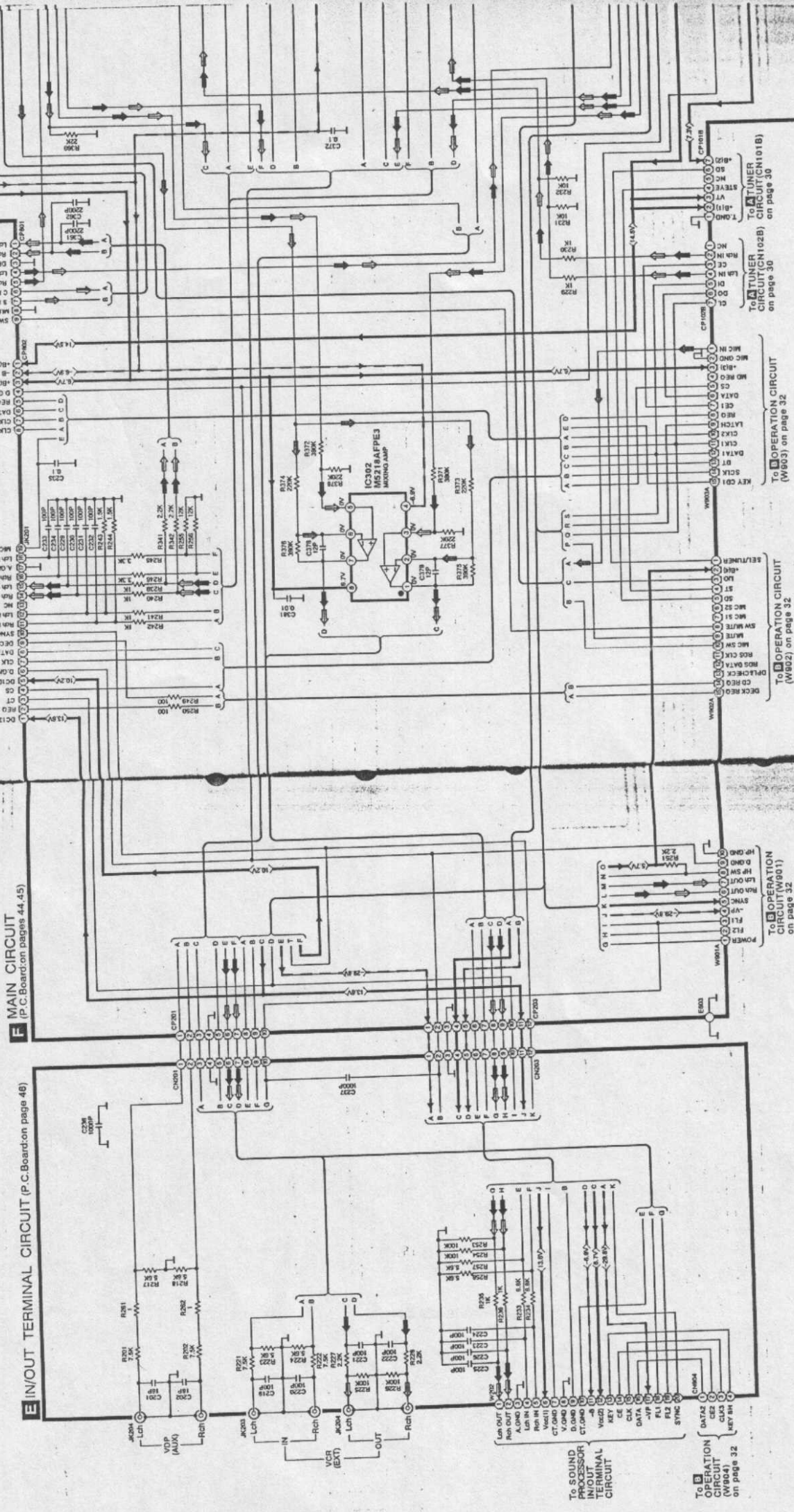


To MAIN CIRCUIT (CP802) on page 37

To MAIN CIRCUIT (CH801) on page 37

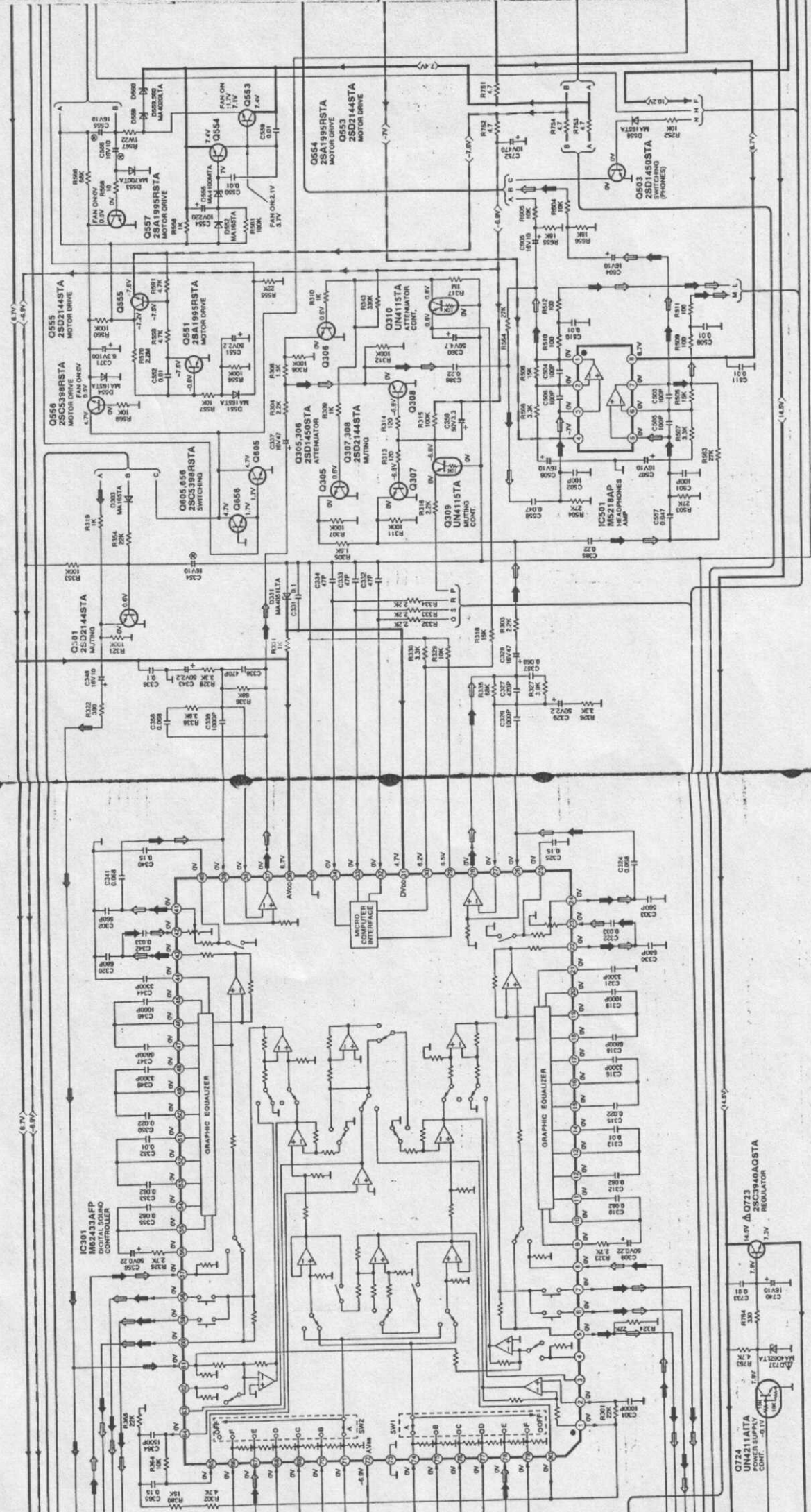


- : Positive voltage line
- : AM signal line
- : Surround Speaker Drive signal line
- : Mic signal line
- : Negative voltage line
- : FM signal line
- : Center Speaker Drive signal line



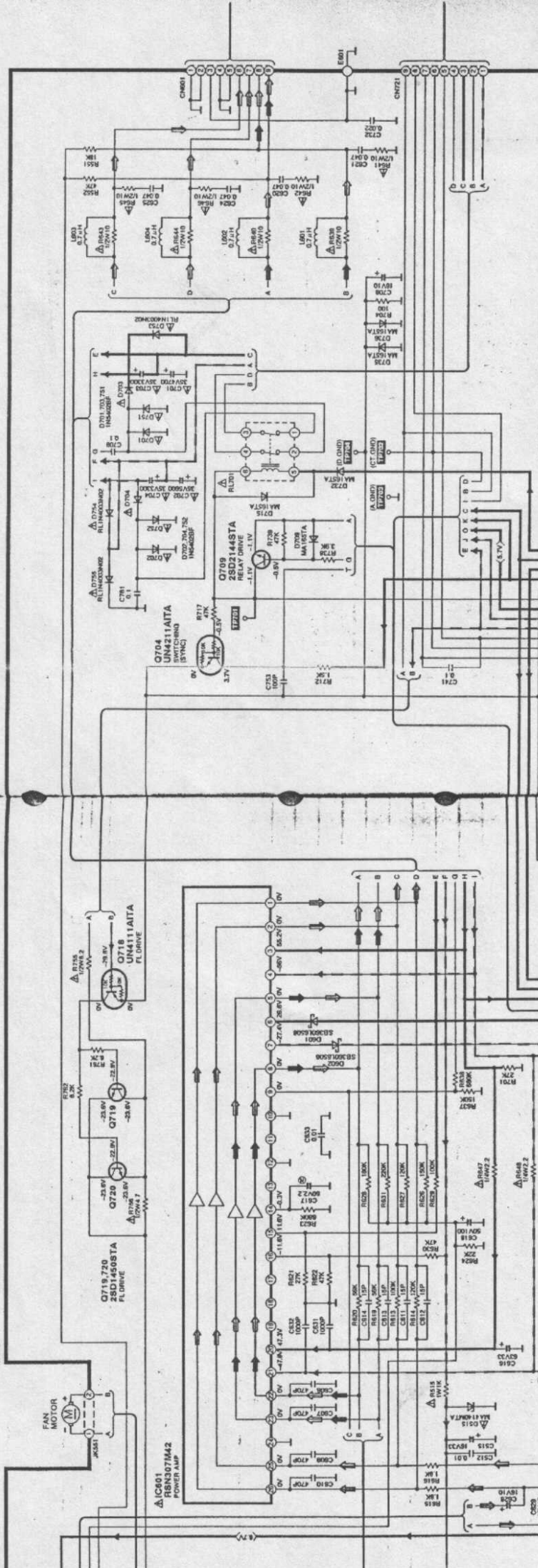
: Positive voltage line
 : Negative voltage line
 : AM signal line
 : FM signal line
 : Mic signal line

F MAIN CIRCUIT (P.C. Board on pages 44,45)

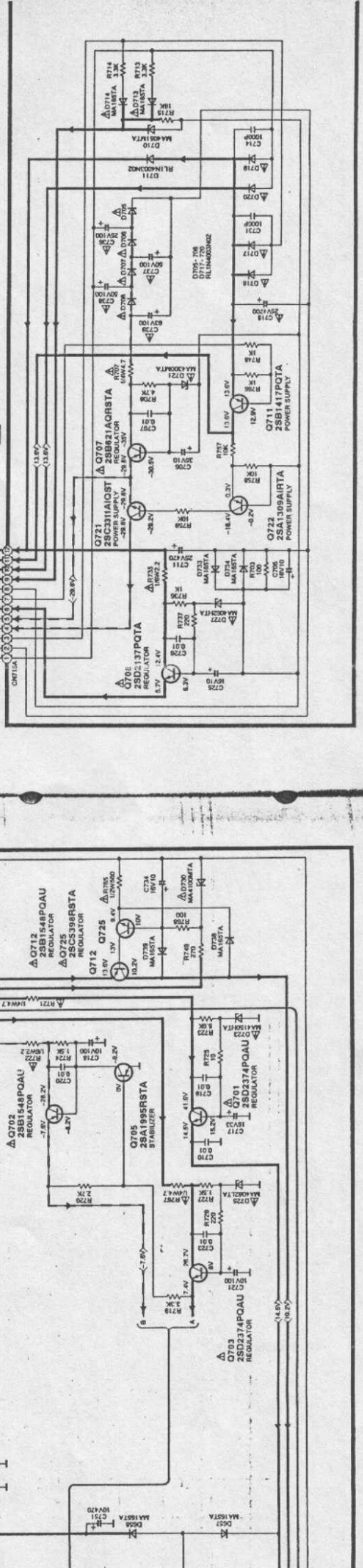


- : Positive voltage line
- : FM signal line
- : Center Speaker Drive signal line
- : Negative voltage line
- : AM signal line
- : Surround Speaker Drive signal line

E MAIN CIRCUIT (P.C.Board: on pages 44, 45)



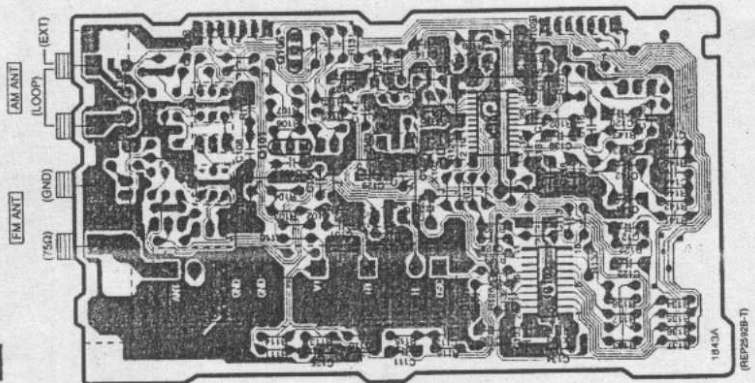
G POWER SUPPLY CIRCUIT (P.C.Board: on page 46)



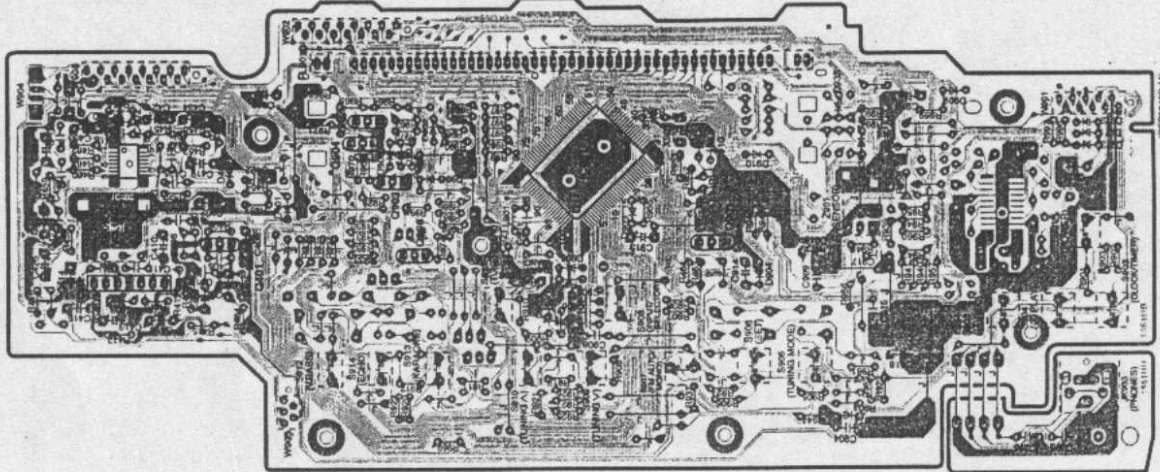
Printed Circuit Board Diagram

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

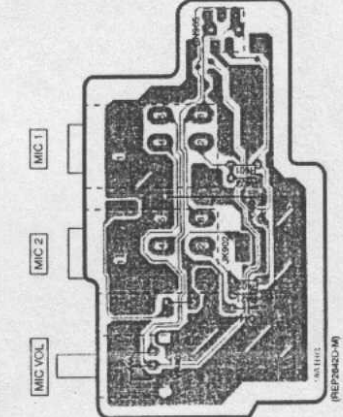
A TUNER P.C.B.



B OPERATION P.C.B.

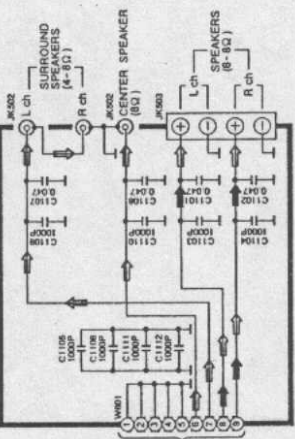


C MIC JACK P.C.B.

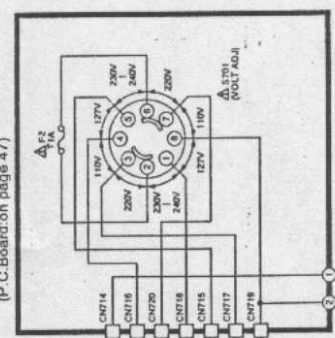


- ↑ : FM signal line
- ↑ : AM signal Line
- ↑ : Surround Speaker Drive signal line
- ↑ : Center Speaker Drive signal line
- ↑ : Positive voltage line
- ↑ : Negative voltage line

+ SPEAKER TERMINAL CIRCUIT
(P.C. Board: on page 47)



1 POWER TRANSFORMER
(B) CIRCUIT
(P.C. Board: on page 47)



1 POWER TRANSFORMER
(A) CIRCUIT
(P.C. Board: on page 47)

