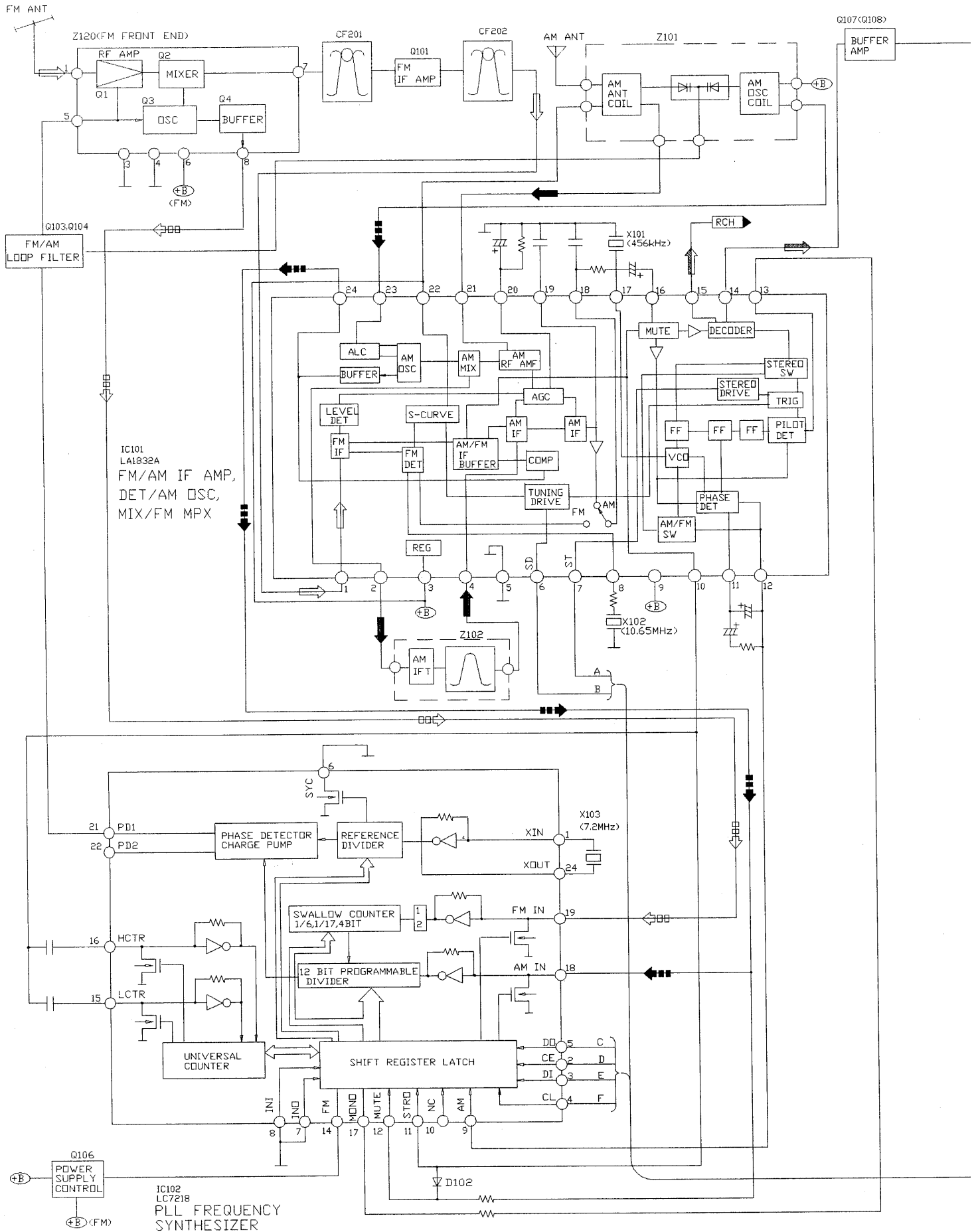
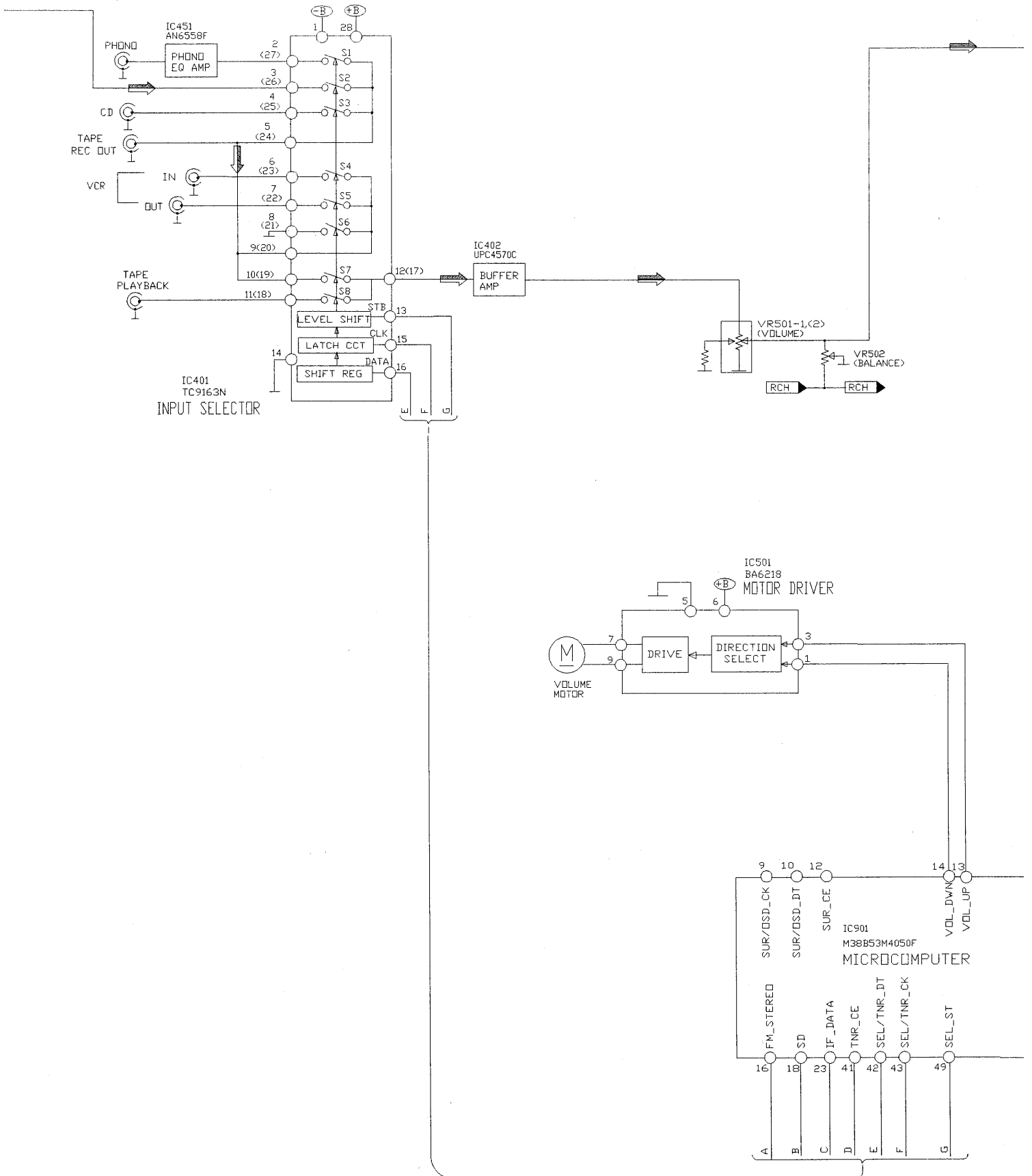
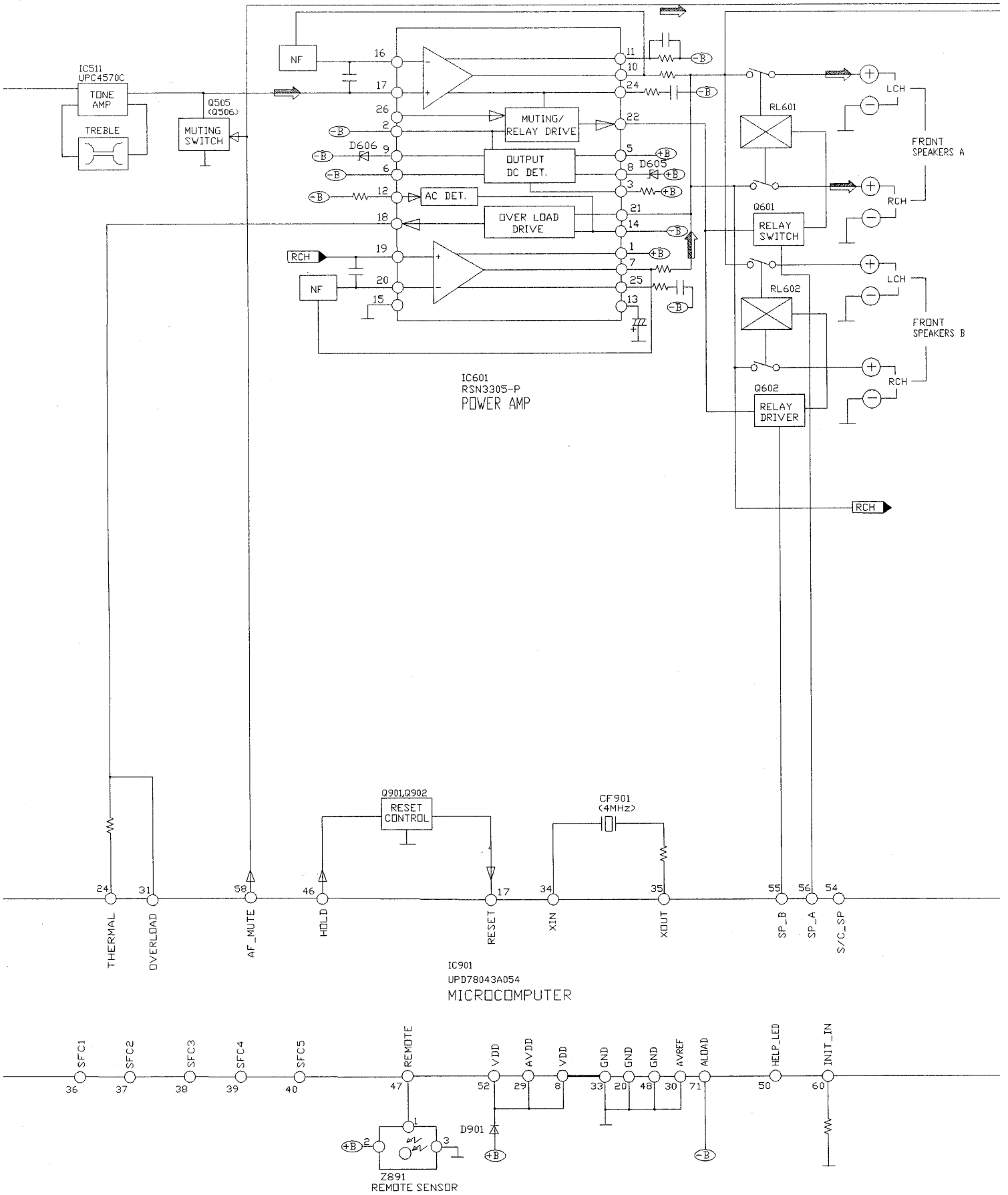
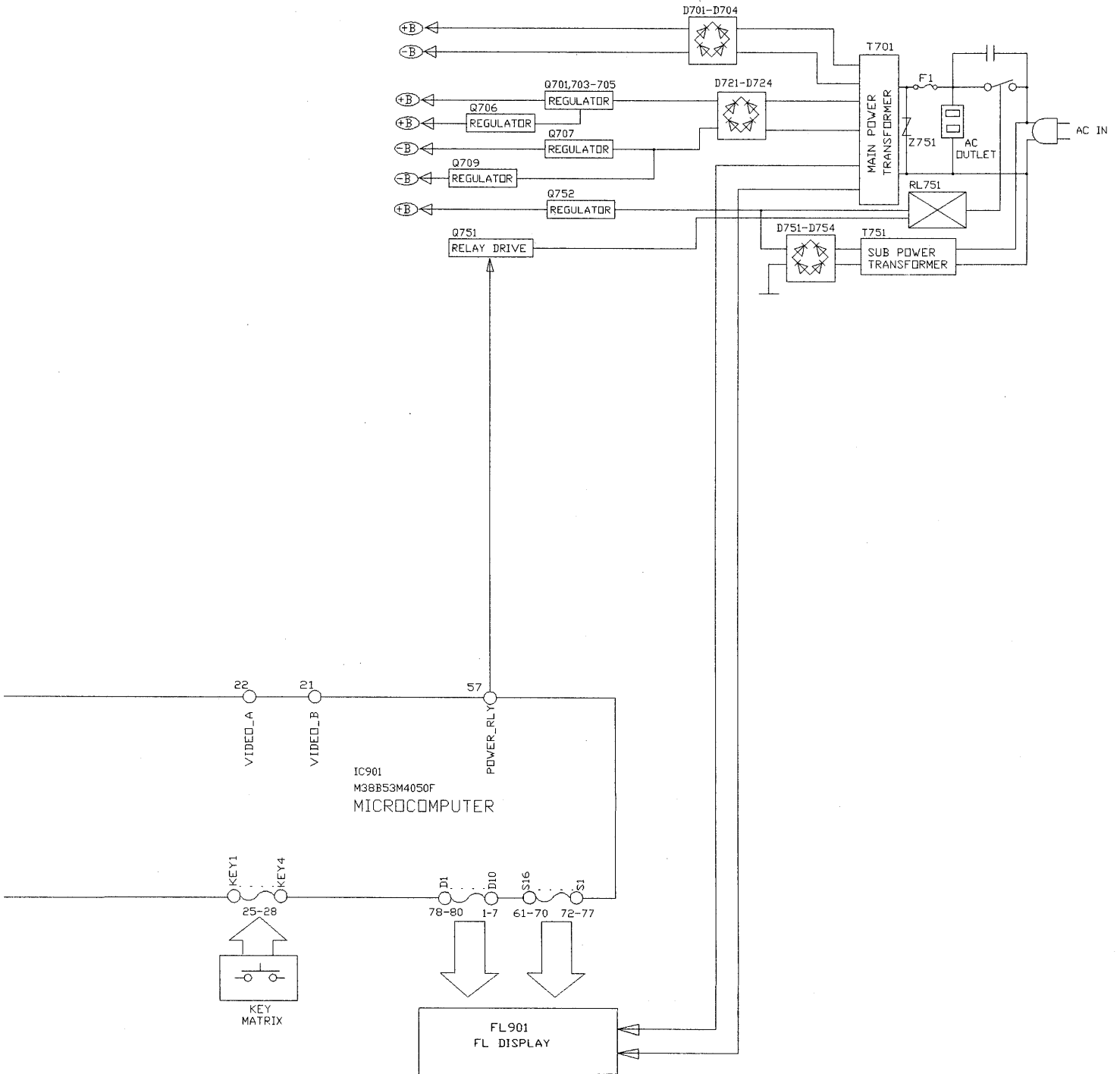
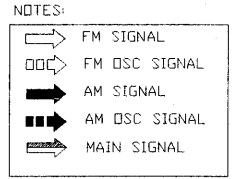


■ Block Diagram









■ Schematic Diagram

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

Note :

< for Power Supply circuit, Transformer circuit, Headphone Jack circuit and Operation circuit >

- S946 : Power switch
- S950 : FM Auto/ Mono switch
- S951 : Band select switch
- S952 : Tuning decrease switch
- S953 : Tuning increase switch

< for Panel circuit and Volume circuit >

- S947 : Phono select switch
- S948 : Muting switch
- S954 : Memory manual/auto switch
- S956 : Preset decrease switch
- S957 : Preset increase switch
- S960 : Tuner select switch
- S961 : CD select switch
- S962 : Tape select switch
- S964 : VCR select switch
- S980 : Speakers A/B/off switch
- VR501-1 ~ VR501-2 : Volume control
- VR502 : Balance control
- VR511-1 ~ VR511-2 : Bass control
- VR512-1 ~ VR512-2 : Treble control

• Signal line


	: +B line		: AM signal line
	: Main signal line		: AM OSC signal line
	: FM signal line		: FM OSC signal line

•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.

() AM

< > FM

•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.
 - Ground the soldering iron.
 - Do not touch the pins of IC, LSI or VLSI with fingers directly.
 - Put a conductive mat on the work table.


CAUTION : FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE F1 5.0A 125V FUSE.



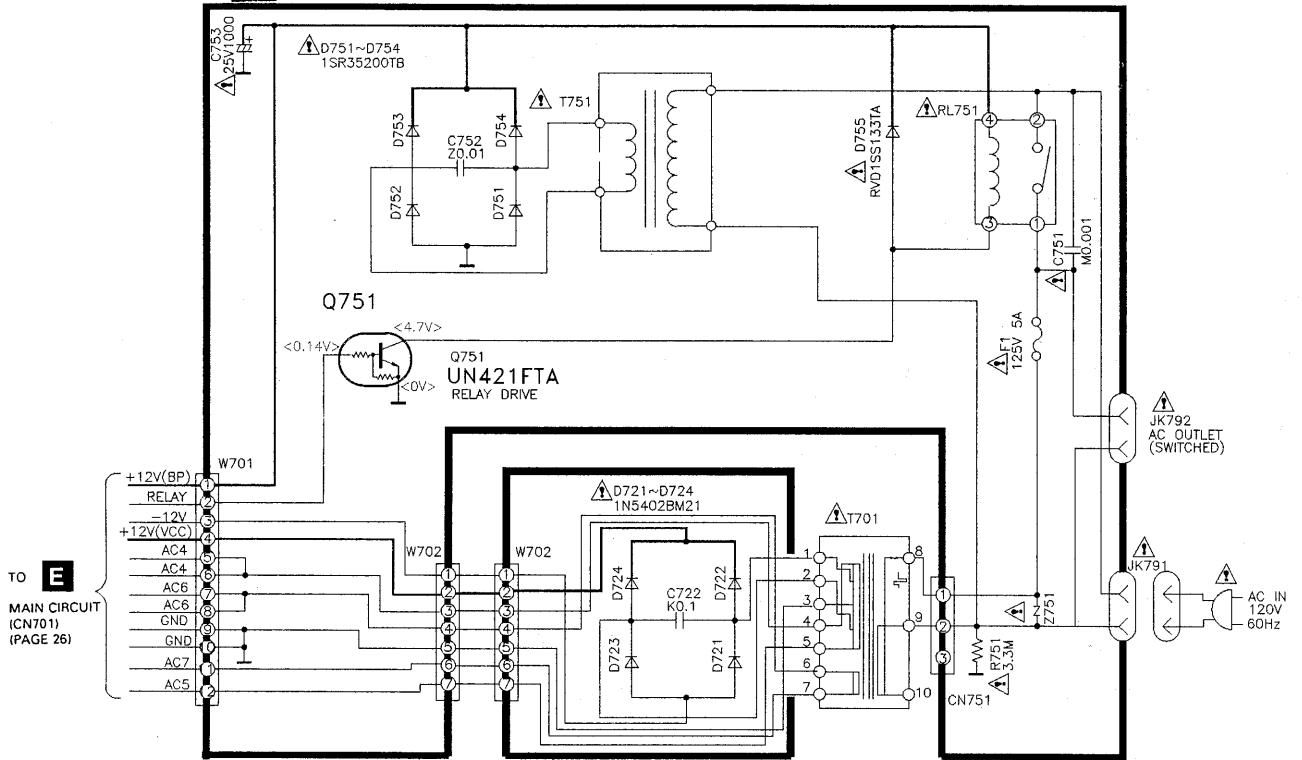
RISK OF FIRE-REPLACE FUSE AS MARKED.

FUSE CAUTION

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

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

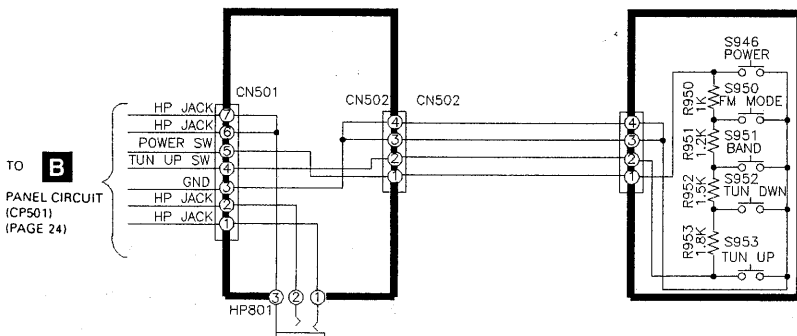
F POWER SUPPLY CIRCUIT



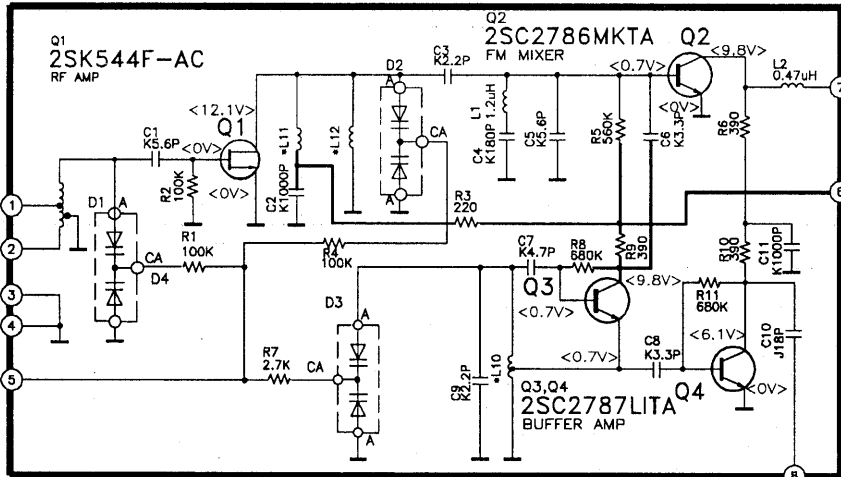
G TRANSFORMER CIRCUIT

D HEADPHONE JACK CIRCUIT

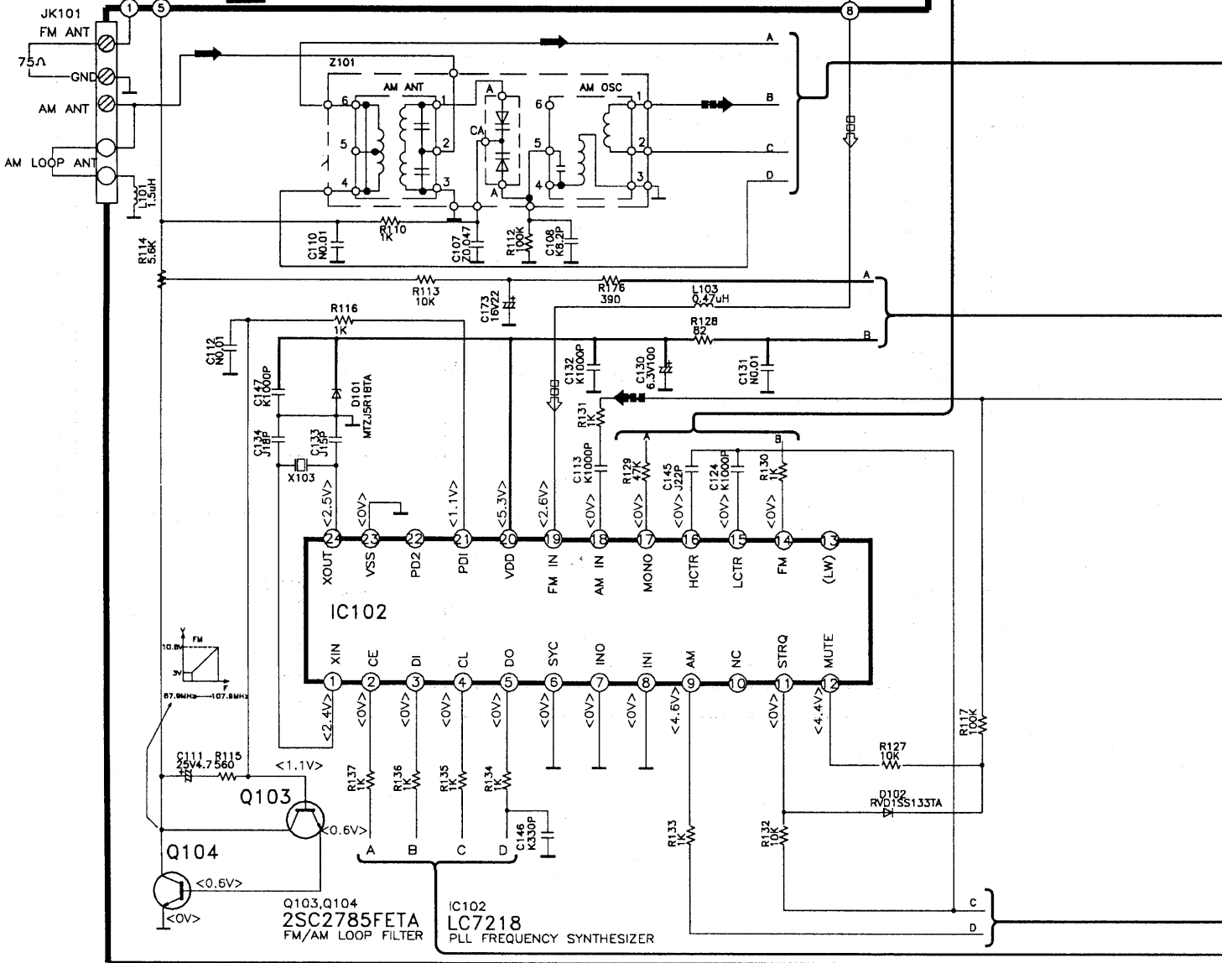
H OPERATION CIRCUIT



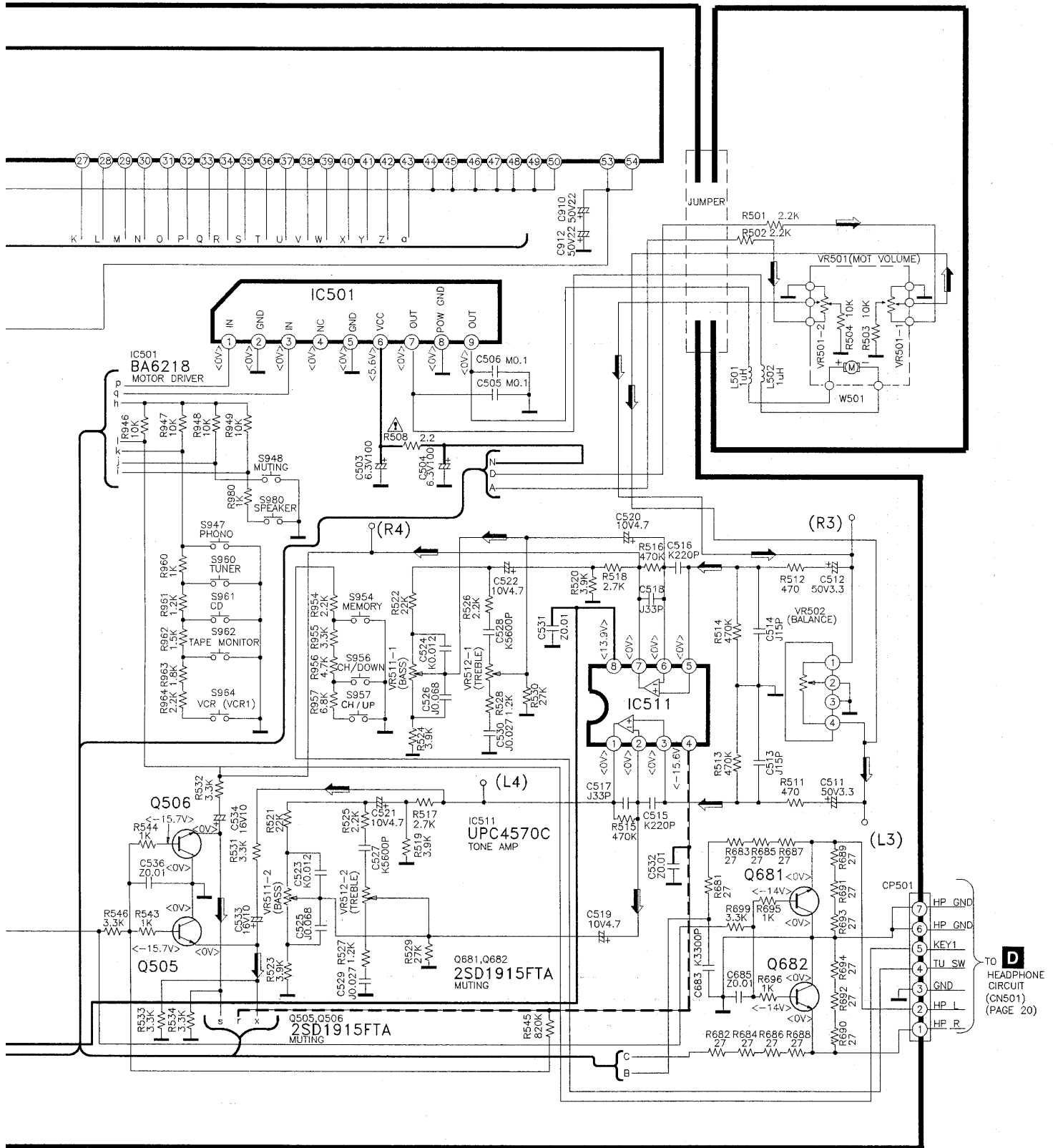
J TUNER PACK CIRCUIT



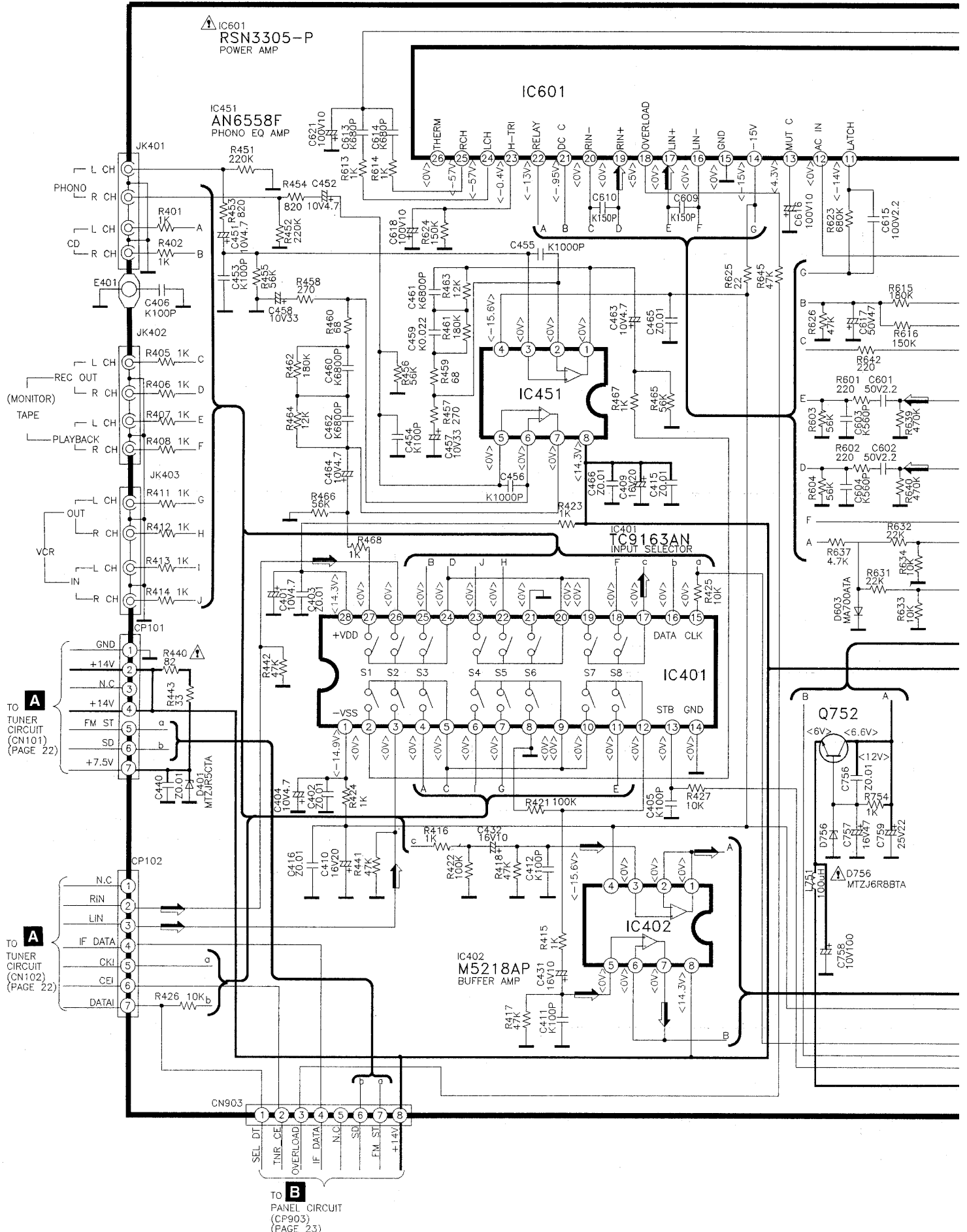
A TUNER CIRCUIT



C VOLUME CIRCUIT



E MAIN CIRCUIT



TO **A** TUNER CIRCUIT (CN101) (PAGE 22)

TO **A** TUNER CIRCUIT (CN102) (PAGE 22)

TO **B** PANEL CIRCUIT (CP903) (PAGE 23)

