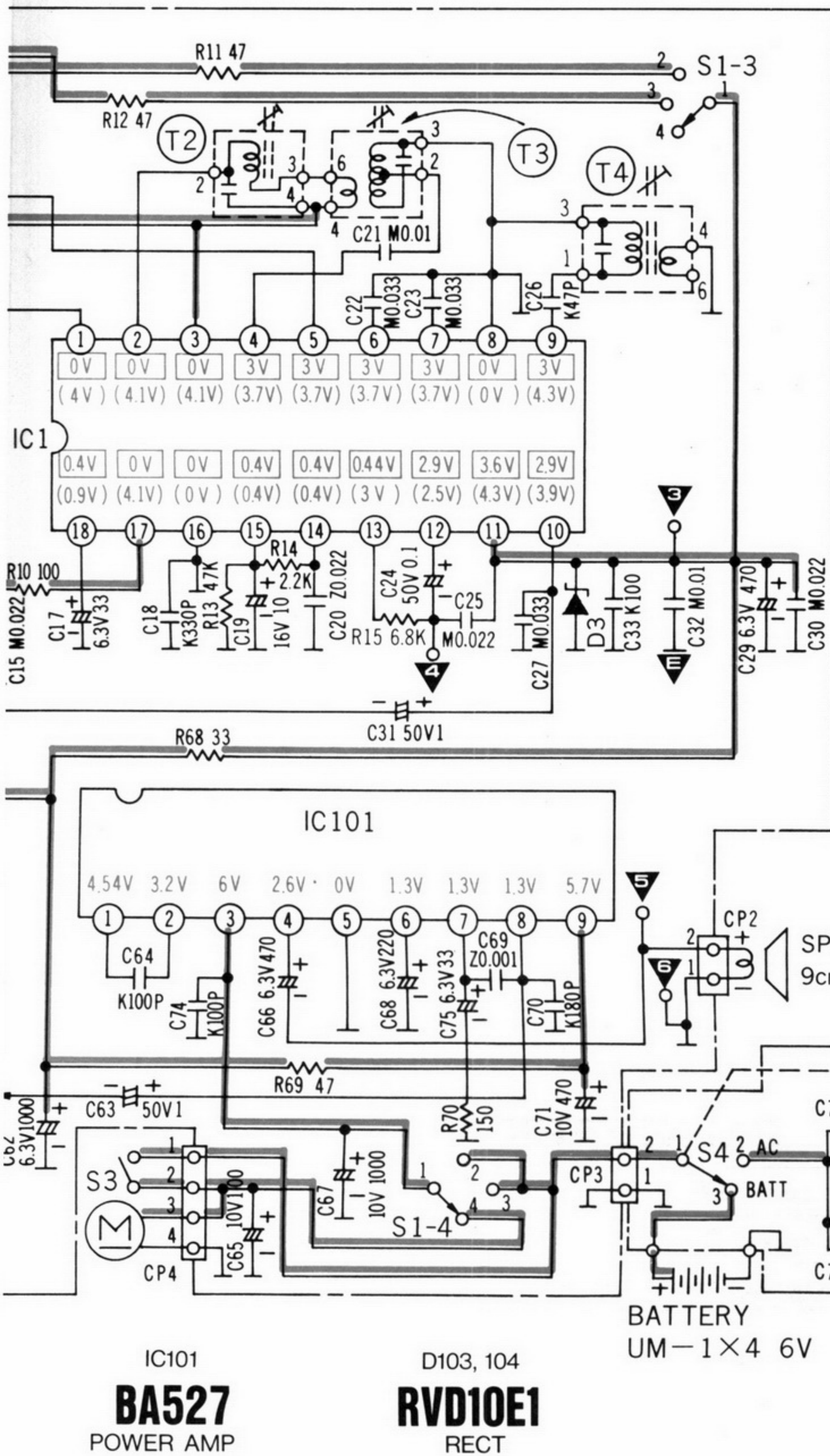


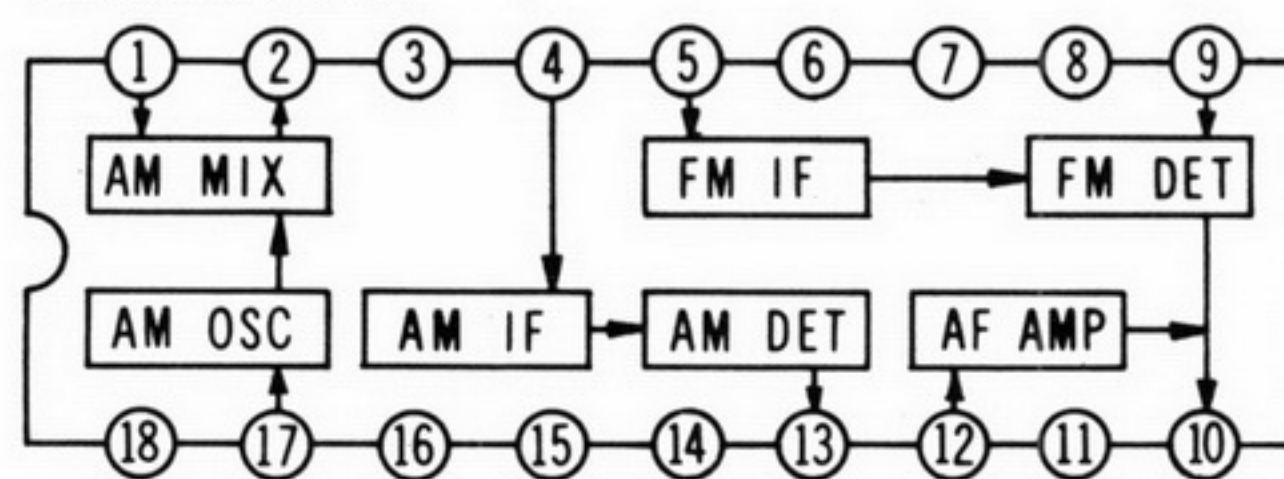
## MODEL RX-1220S

**IC1 AN7220A**  
FM/AM IF AMP

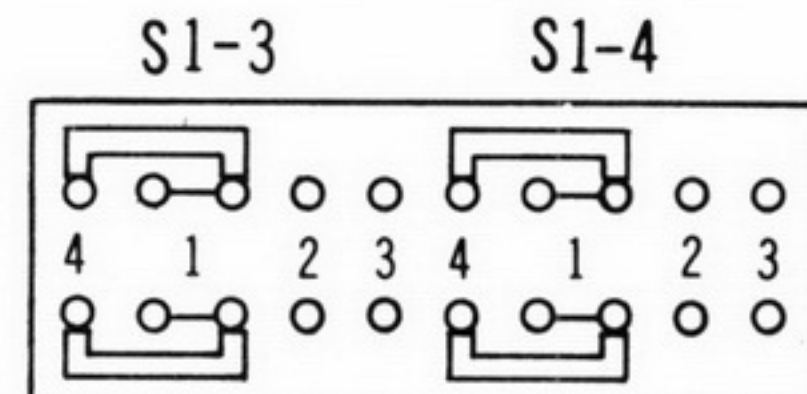
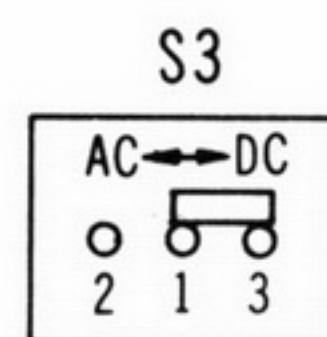
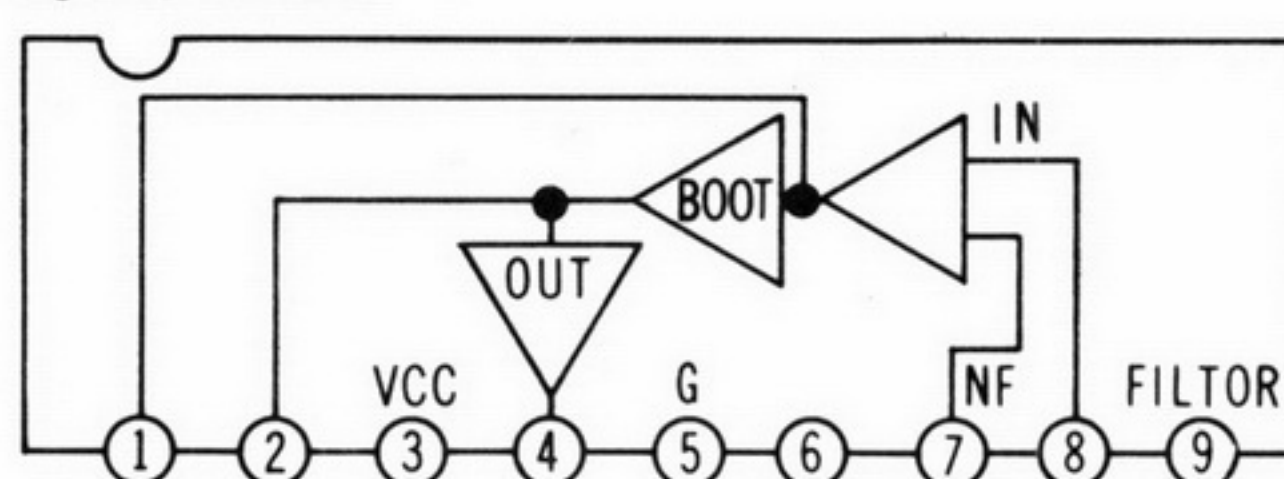
**D3 MA1036M**  
REGULATOR



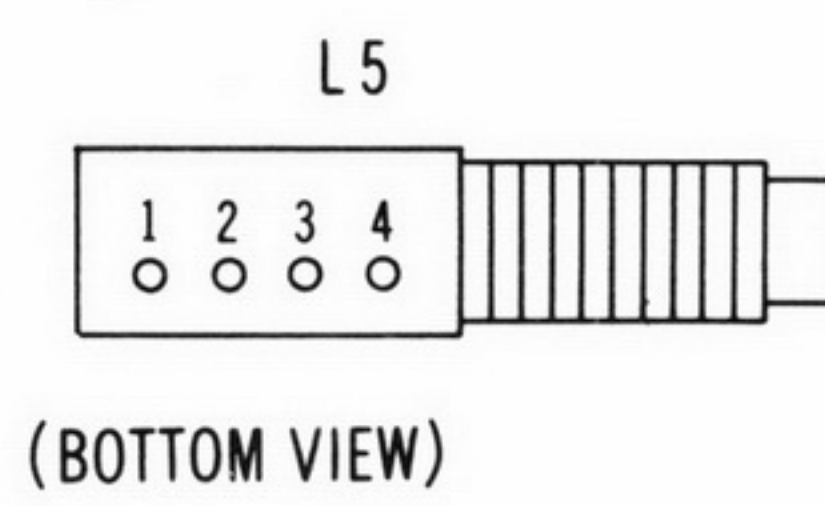
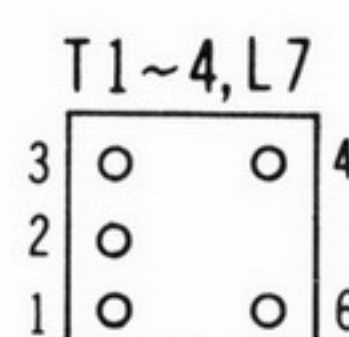
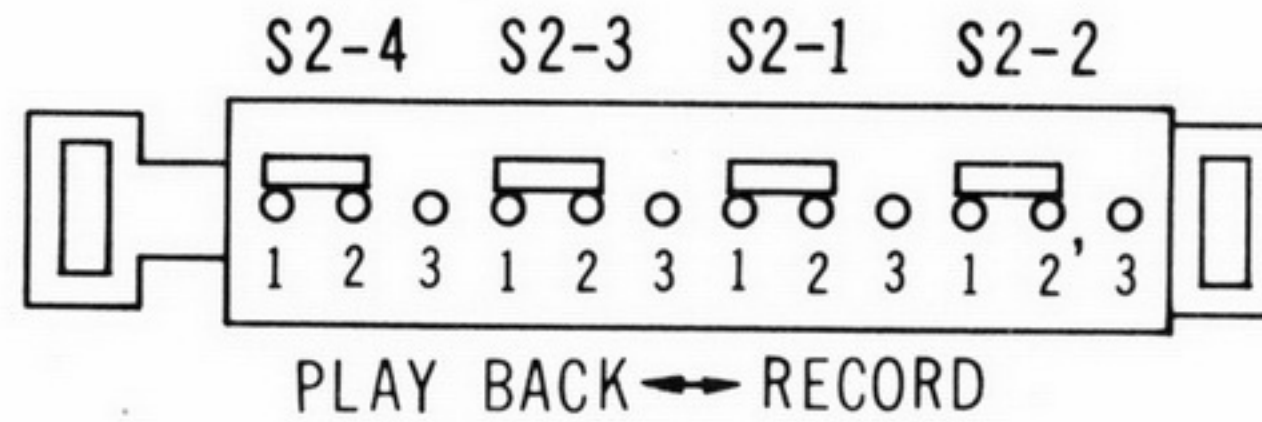
**IC1 AN7220A**



**IC101 BA527**



**S1-2**  
TAPE ↔ AM ↔ FM

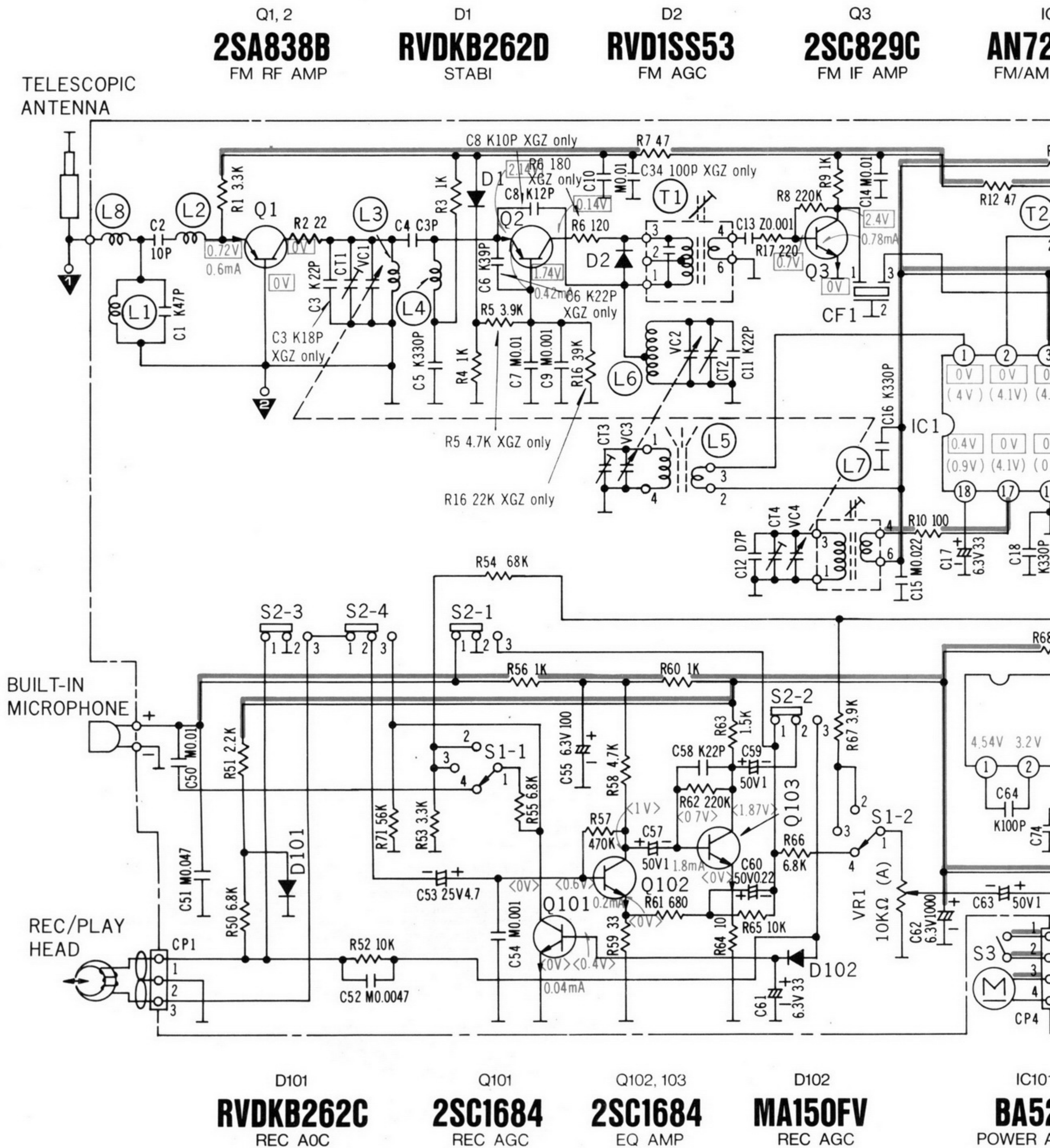
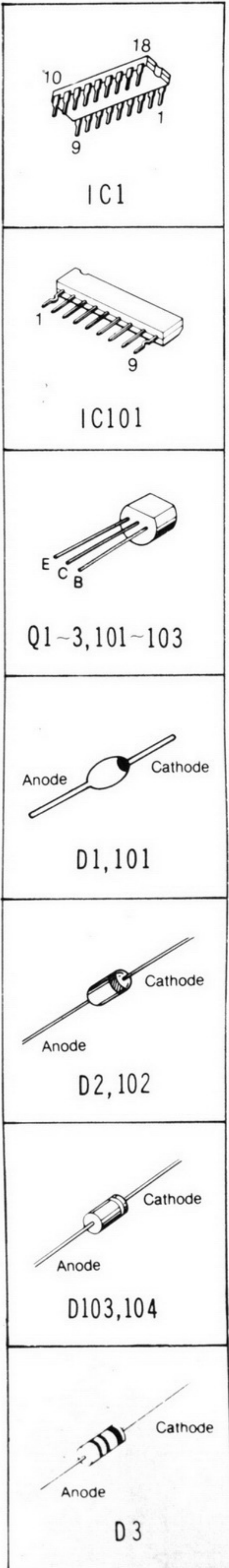


No signal (Radio).....30mA Maximum output (Radio)..... 275mA  
Maximum output (Tape)..... 350mA.

Control.  
Now test position. **▼** : Test point 1.  
notice

on this schematic diagram incorporates special features  
ection from fire and electrical shock hazards.  
is essential that only manufacturer's specified parts be  
al components in the shaded areas of the schematic.

## SCHEMATIC DIAGRAM MODEL



## Notes:

- S1-1~S1-4: Selector switch in "Tape" position.  
(2.....AM, 3.....FM, 4.....Tape)
- S2-1~S2-4: Playback/Rec selector switch in "Play" position.  
(1.....Playback, 3.....Record)
- S4: Motor ON/OFF switch in "OFF" position.
- S3: AC/Battery switch in "Battery" position.  
(2.....AC, 3.....Battery)
- DC voltage measurements are taken with VTVM from negative voltage line.  
..... FM position, ( ) ..... AM position, < > ..... Tape position.

- Battery current No signal (Radio).....  
Tape play.....
- VR1.....Volume Control.
- The mark (▼) Show test position. ▼
- Important safety notice  
The shaded area on this schematic diagram is important for protection from fire and electric shock. When servicing it is essential that only the components used for the critical components in the shaded area are replaced.

# Service Manual

Radio Cassette

FM/AM Radio Cassette Recorder

## RX-1220S



### ■ SPECIFICATIONS

Power Requirement: AC 220V 50Hz or (Four "D" Size Flashlight Batteries.) (Panasonic UM-1 or Equivalent)

Power Consumption: 5W

Power Output: 1.1W (RMS Max)  
0.9W (MPO)  
0.6W (Sweden DIN)

Frequency Range: 90~6,000Hz

Recording System: DC Bias, Magnet Erase

Tape Speed: 4.8 cm/s (1 $\frac{7}{8}$  ips.)

Fast Forward And Rewind Time: 120 Seconds With C-60 Cassette Tape

Track System: 2-Track 1-Channel  
Playback and Monaural Recording

Speaker: 3 $\frac{1}{2}$ " (9cm) PM Dynamic Speaker (3.2  $\Omega$ )

Radio Frequency Range: FM: 87.5~108MHz  
AM: 520~1610KHz

Intermediate Frequency: FM 10.7MHz  
AM 455KHz

Sensitivity: FM: 4.2 $\mu$ V For -6dB Limit  
AM: 68 $\mu$ V/m For 50mW Output

Dimensions: 292(W)×185(H)×103(D)mm  
(11 $\frac{1}{2}$ "×7 $\frac{5}{16}$ "×4 $\frac{1}{16}$ ")

Weight: 1.5kg (3 lb 4.9 oz) Without Batteries

Specifications are subject to change without notice.

# Panasonic

Matsushita Electric Trading Co., Ltd.  
P.O. Box 288, Central Osaka Japan