

# Service Manual

Radio Cassette

FM/AM Radio Cassette Recorder

## RX-1230S



### ■ SPECIFICATION

Power Requirement: AC 220V 50/60Hz or Battery, 6V  
(Four "D" Size dry Batteries.)  
(National UM-1 or Equivalent)

Power Consumption: 6W

Power Output: 1W (RMS Max)

Frequency Range: 90~6,000Hz

Recording System: DC Bias, Magnet Erase

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

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

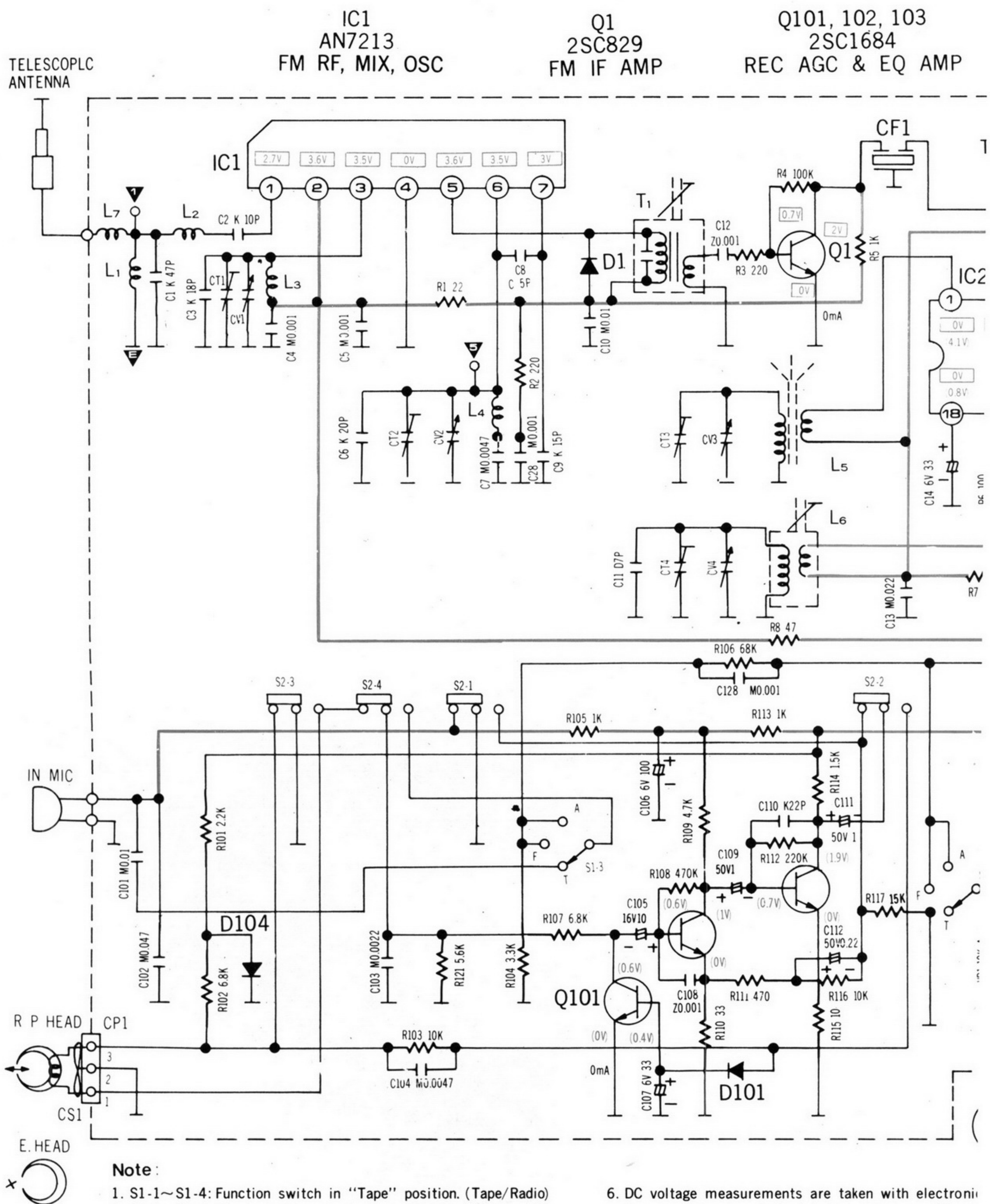
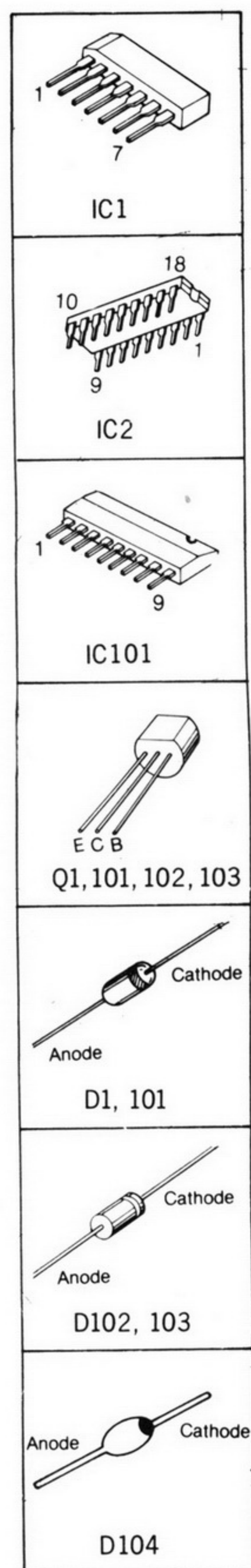
|                         |                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Input:                  | Mic: Sensitivity 0.25mV/Applicable<br>Microphone Impedance 200~600 $\Omega$                                                 |
| Speaker:                | 3 $\frac{1}{2}$ " (9cm) 3.2 $\Omega$ PM Dynamic Speaker                                                                     |
| Radio Frequency Range:  | FM: 87.5~108MHz<br>AM: 520~1610KHz (577~186m)                                                                               |
| Intermediate Frequency: | FM 10.7MHz<br>AM 455KHz                                                                                                     |
| Sensitivity:            | FM: 3 $\mu$ V For 50mW Output<br>AM: 80 $\mu$ V/m For 50mW Output                                                           |
| Dimensions:             | 11 $\frac{1}{2}$ " (W) $\times$ 7 $\frac{1}{2}$ " (H) $\times$ 3 $\frac{1}{8}$ " (D)<br>(292 $\times$ 191.5 $\times$ 96) mm |
| Weight:                 | 1.8kg (3 lb 15.5oz) Without Battery                                                                                         |

Specifications are subject to change without notice.

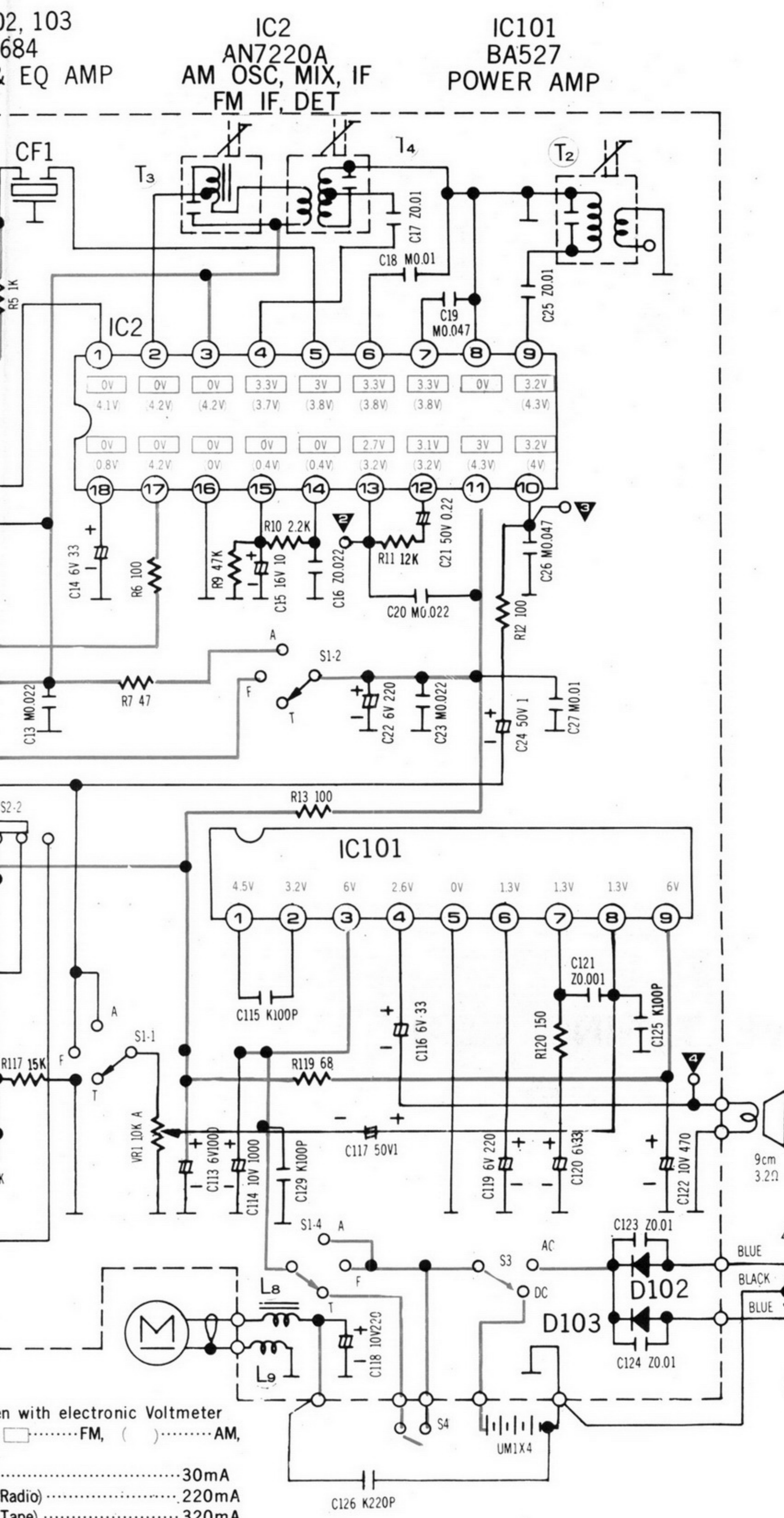
## Panasonic

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

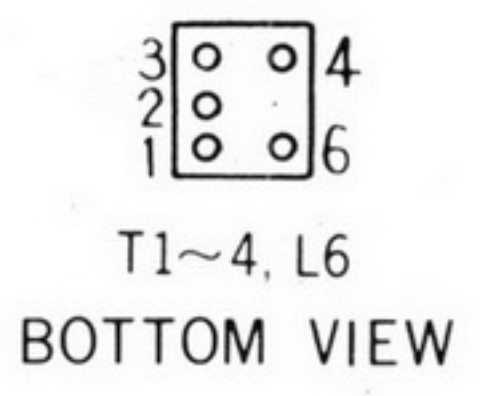
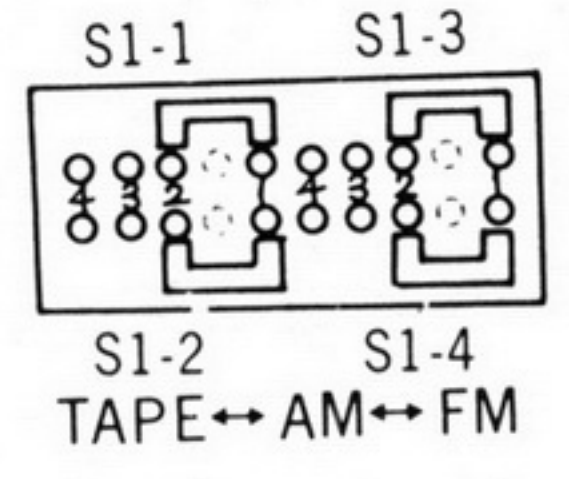
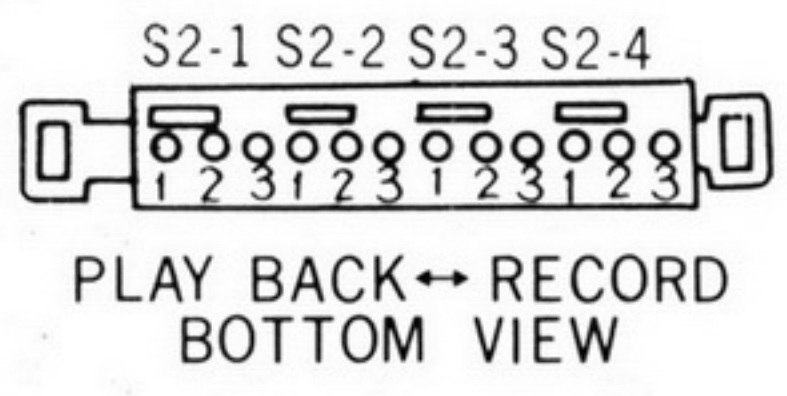
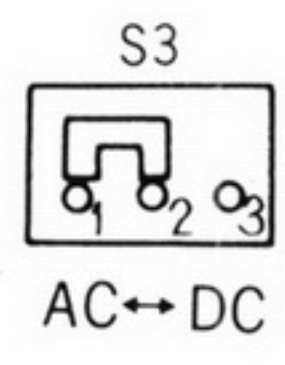
## SCHEMATIC DIAGRAM MODEL



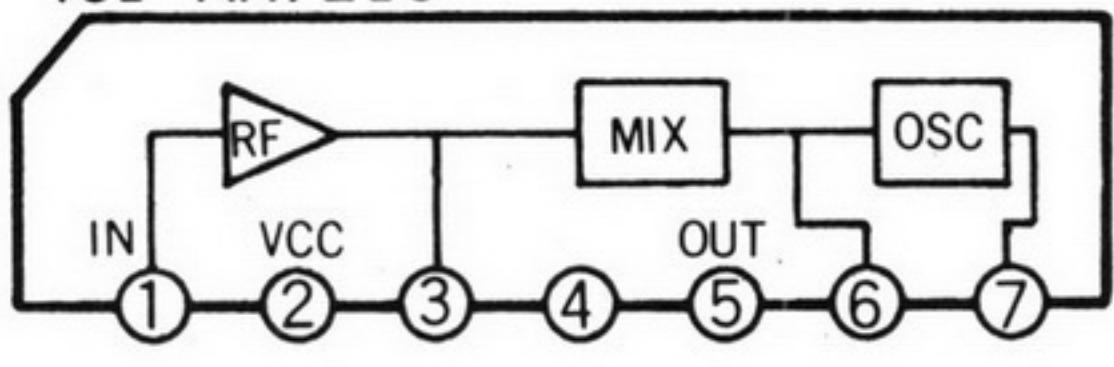
## MODEL RX-1230S



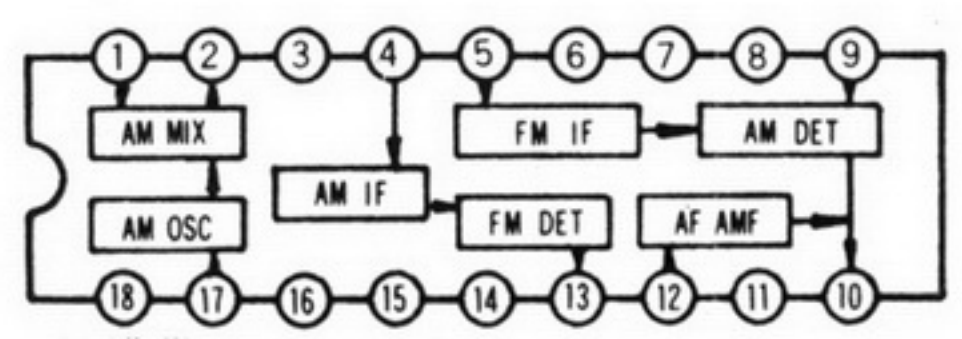
ken with electronic Voltmeter  
 y. ☐ FM, ( ) AM,  
 .....30mA  
 (Radio) .....220mA  
 (Tape) .....320mA  
 rk have special characteristics  
 nponents, use only manufacturer's



IC BLOCK DIAGRAM  
IC1 AN7213



IC2 AN7220A



IC3 BA527

