

Service Manual

Radio Cassette

RX-SA60

Stereo Radio Cassette Player

(Black) (Silver)
(Red) (Pink)



This is the Service Manual for the following areas.

- Z** ...For all European areas except **E** **I** **G** **Y**.
- E** ...For United Kingdom.
- I** ...For Italy.
- G** ...For F.R. Germany.
- Y** ...For Spain and Greece.

Color Variation

Z	E	I	G	Y
Black Silver Red.	Black Silver Red Pink	Black	Black	Black Silver Red

■ SPECIFICATIONS

General:

Power Requirement: Battery: 3V (Two "AA" size Penlight batteries) (Panasonic UM-3 or equivalent)
AC; **Z** **I** **G** **Y**...220V, 50Hz with optional AC adaptor RD-9443HS
E.....240V, 50Hz with optional AC adaptor RD-9443HE

Power Output: 44mW (22mWx2) ...RMS (max.)

Input: DC IN; 3V

Output: Headphones; 24Ω(8~50Ω), 3.5φ

Dimensions: 85(W)x133.5(H)x36(D)mm
(3⁵/₁₆"x5¹/₄"x1⁷/₁₆"

Weight: (Main Unit)
254g (8.3oz) without batteries
(Headphones)
52g (1.8oz) with cord

Radio Section:

Radio Frequency Range: FM 87.5 ~ 108MHz
AM 520 ~ 1610kHz (577 ~ 186m)

Intermediate Frequency: FM 10.7MHz
AM 455kHz (470kHz...**E** only)

Sensitivity: FM 3.56μV/1mW output
(-3dB Limit, Sens)
AM 142μV/m For 1mW output

Tape Deck Section:

Frequency Response: Normal.....50~14,000Hz

Tape Speed: 4.8cm/s (1⁷/₈ ips)

Program Time: 1 hour with C-60 cassette tape

Track System: 4-track, 2-channel, stereo playback

Headphones:

Input: 40mW (max.)

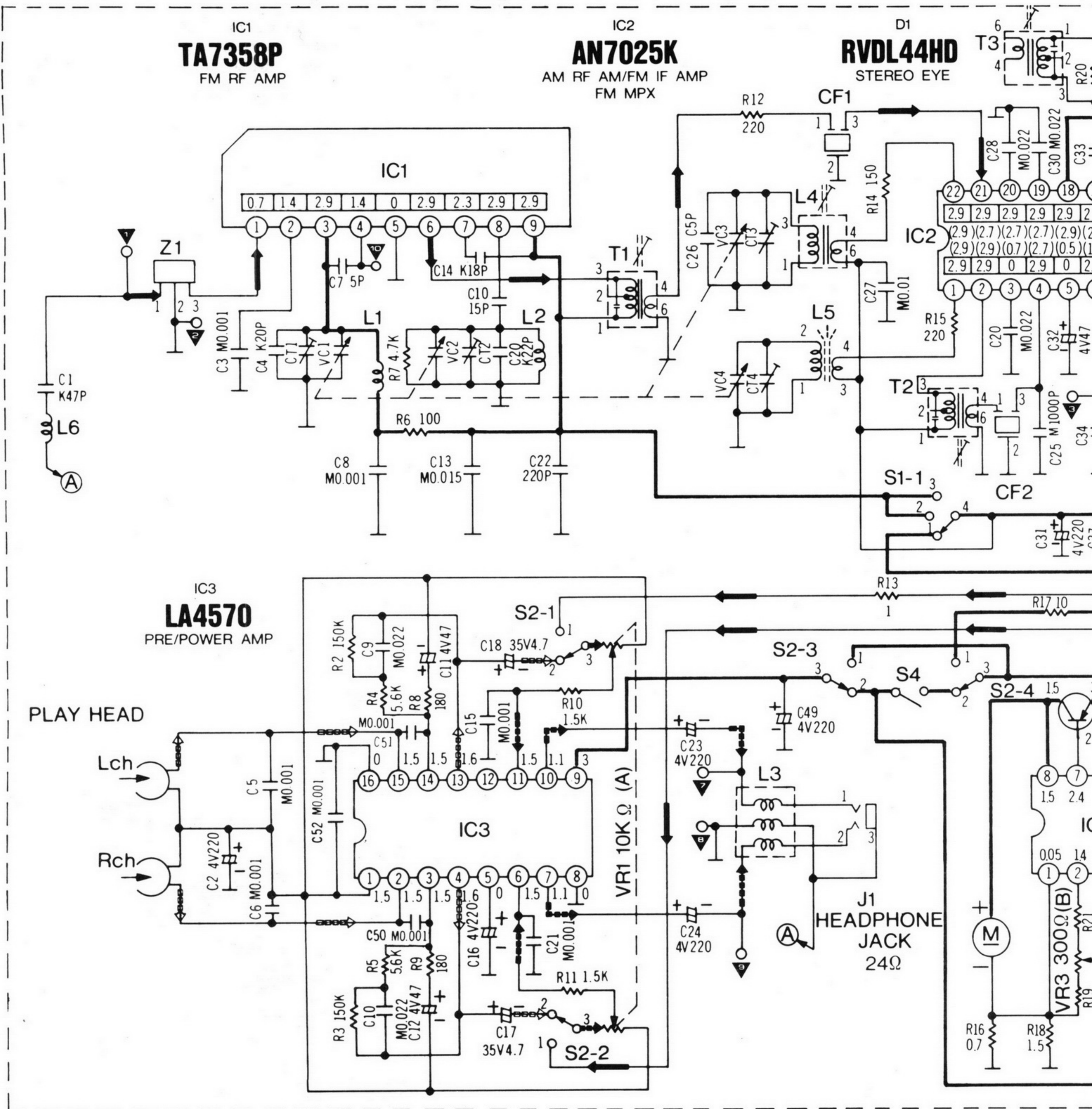
Impedance: 24Ω

Connection Cord: 1.0m (39³/₈"

Design and specifications are subject to change without notice.

Panasonic

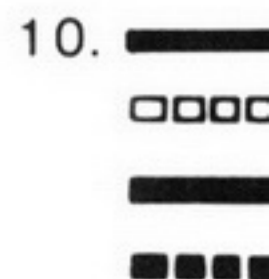
Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan



Notes:

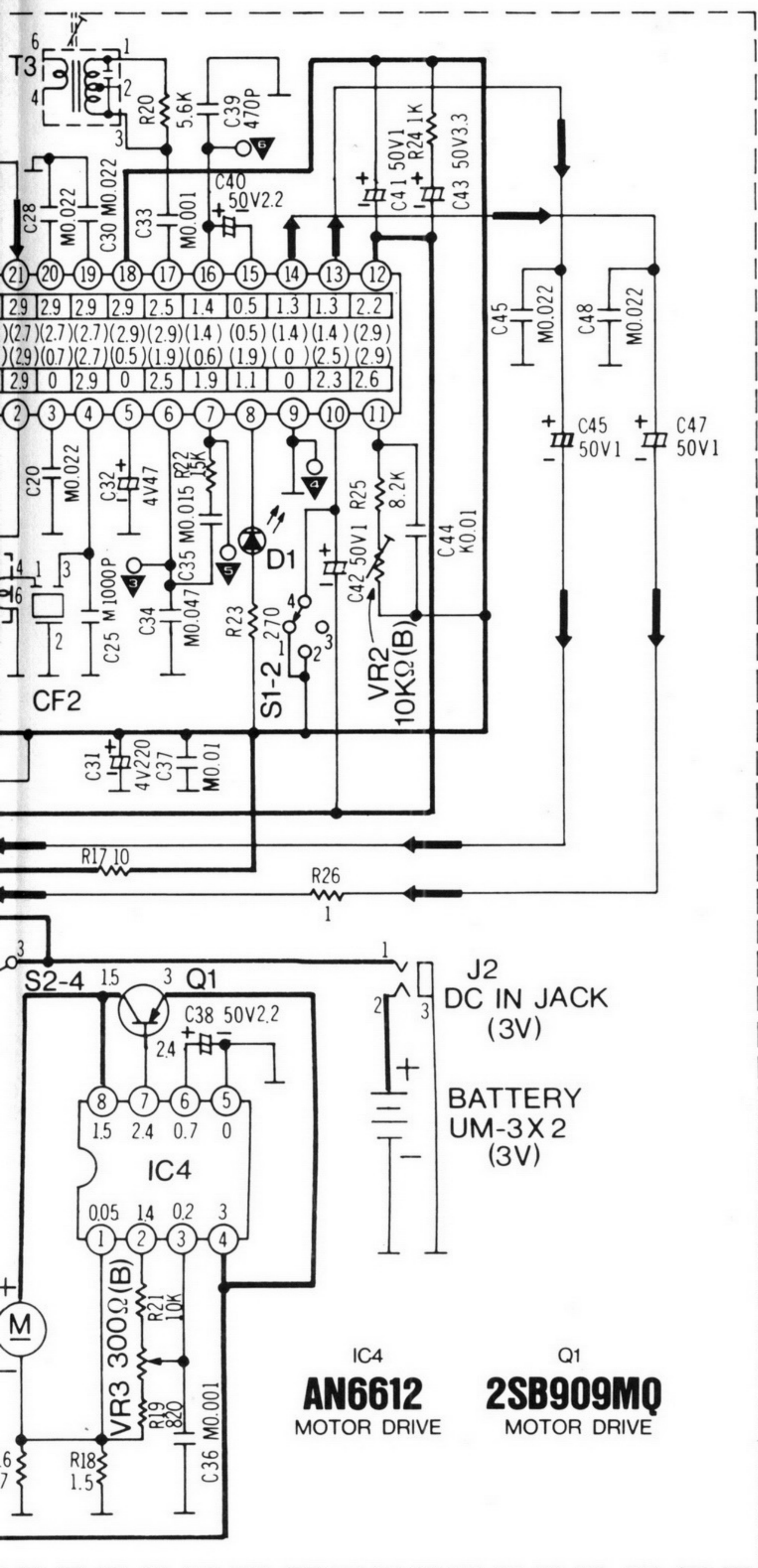
1. S1-1, S1-2: Band/FM SENS switch in "AM" position.
(1...AM, 2...FM, 3...FM STEREO)
2. S2-1 ~ S2-4: Function switch in "Tape" position.
(1...RADIO, 2...TAPE)
3. S4: Motor switch in "OFF" position.
4. VR1: Volume control VR.
5. VR2: FM VCO Frequency adjust VR.
6. VR3: Tape speed adjustment VR.

7. The mark (▼) shows test point e.g. ▼ = test point 1.
8. DC voltage measurement are taken with electronics voltmeter from negative terminal of battery.
 ◻ ...FM position, () ...AM position,
 No mark ... Playback position.
9. Battery current: No signal 15mA
 Maximum output (radio) 24mA
 Maximum output (tape) 157mA



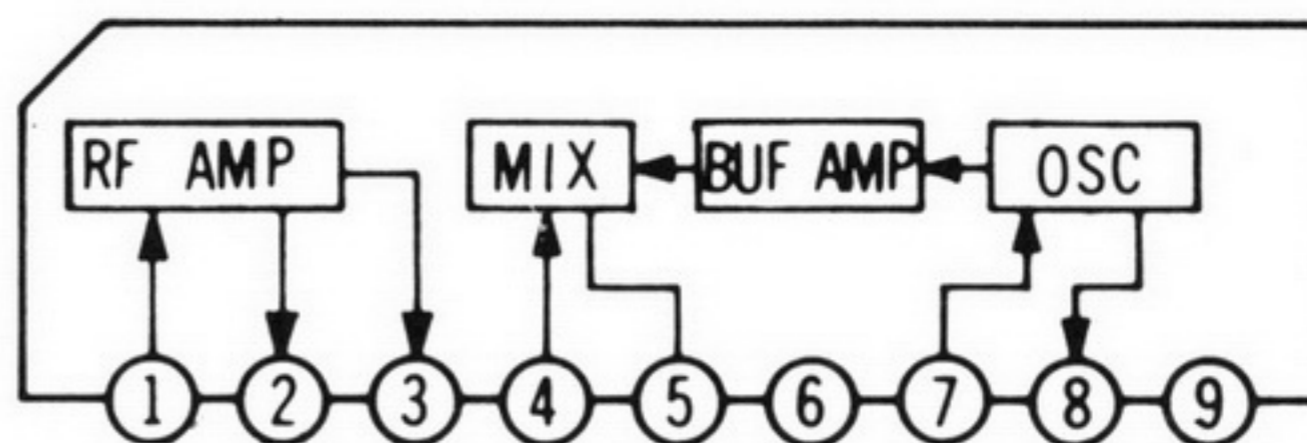
RX-SA60

DIAGRAM

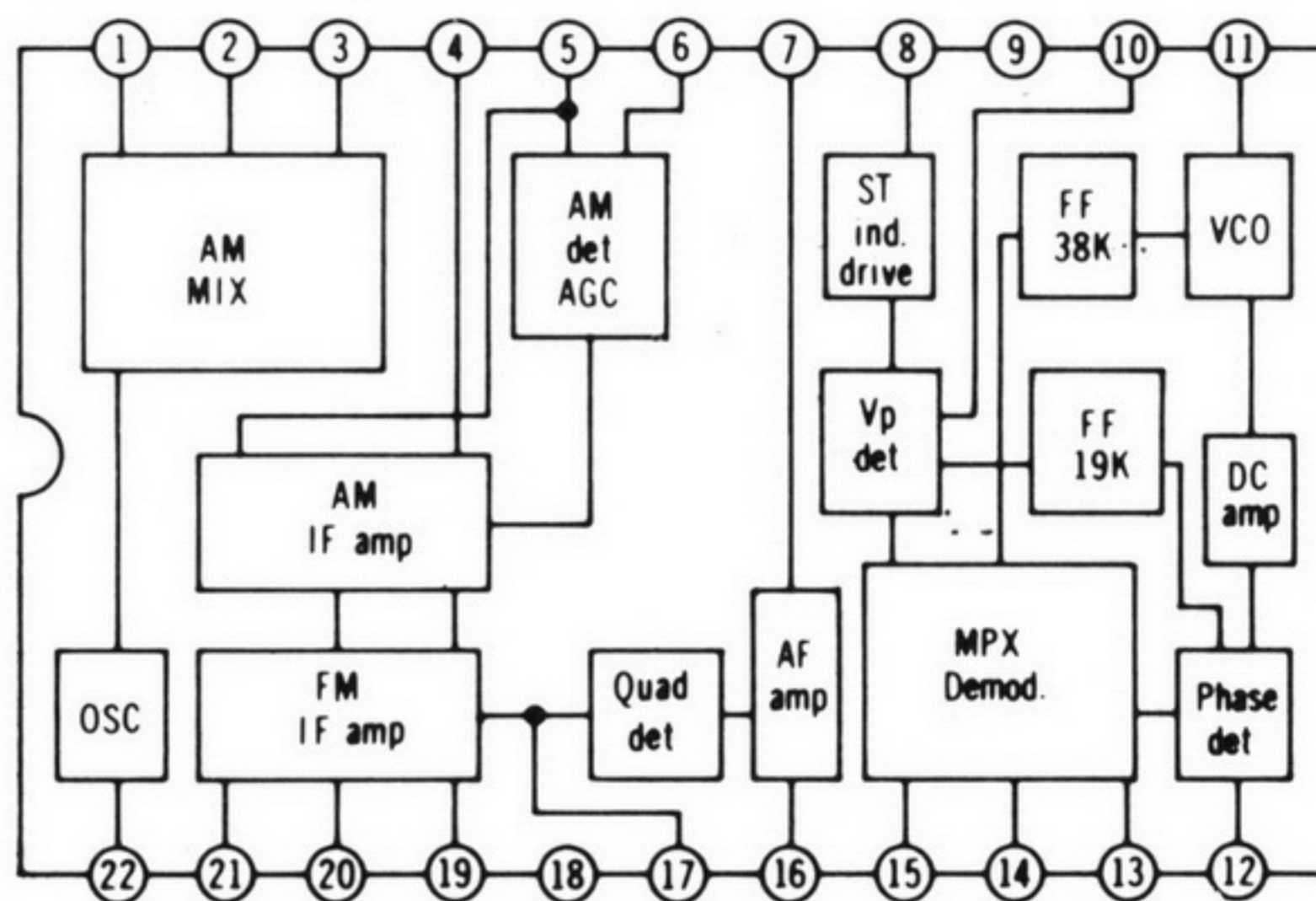


- 10. + B Voltage Line.
- Playback Signal.
- FM Signal.
- Playback and Radio Signal.

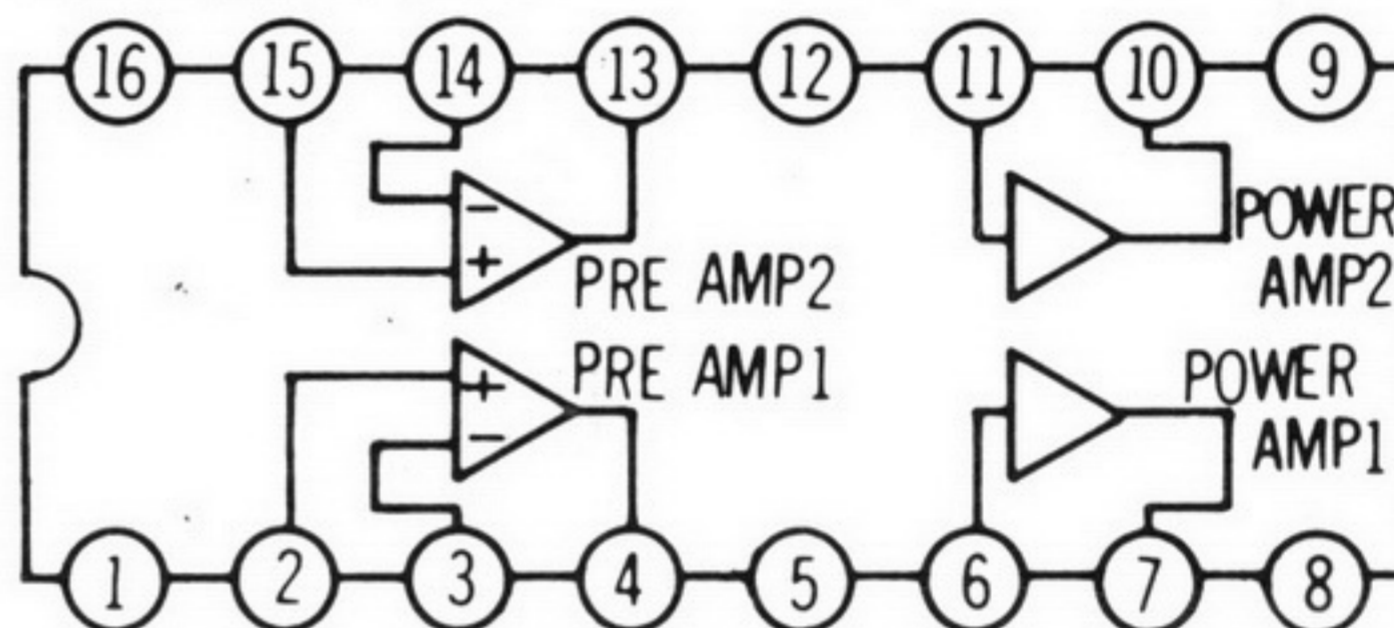
IC1 TA7358P



IC2 AN7025



IC3 LA4570



IC4 AN6612

