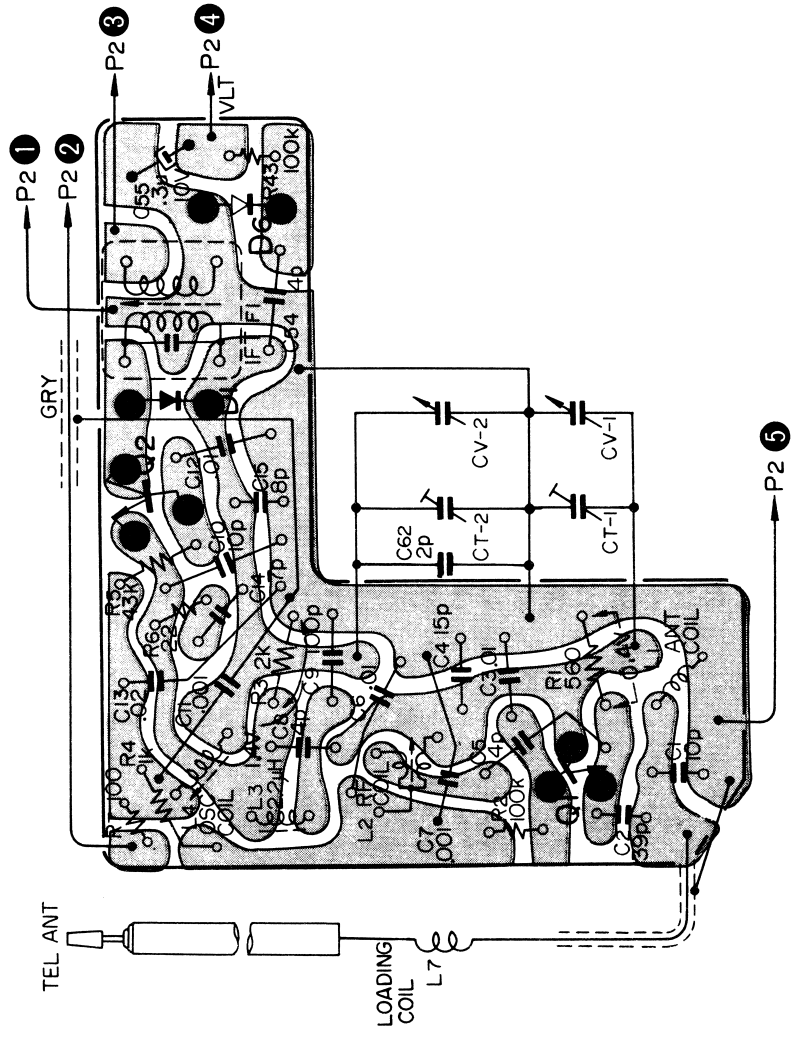
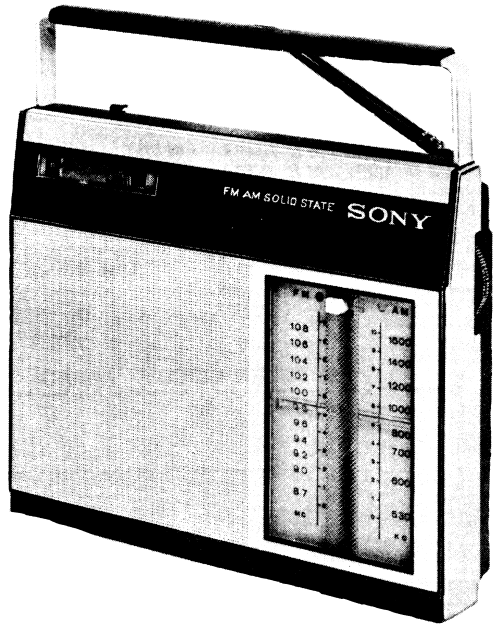
MOUNTING DIAGRAM
FM Tuner Circuit Board P1
— Conductor Side —

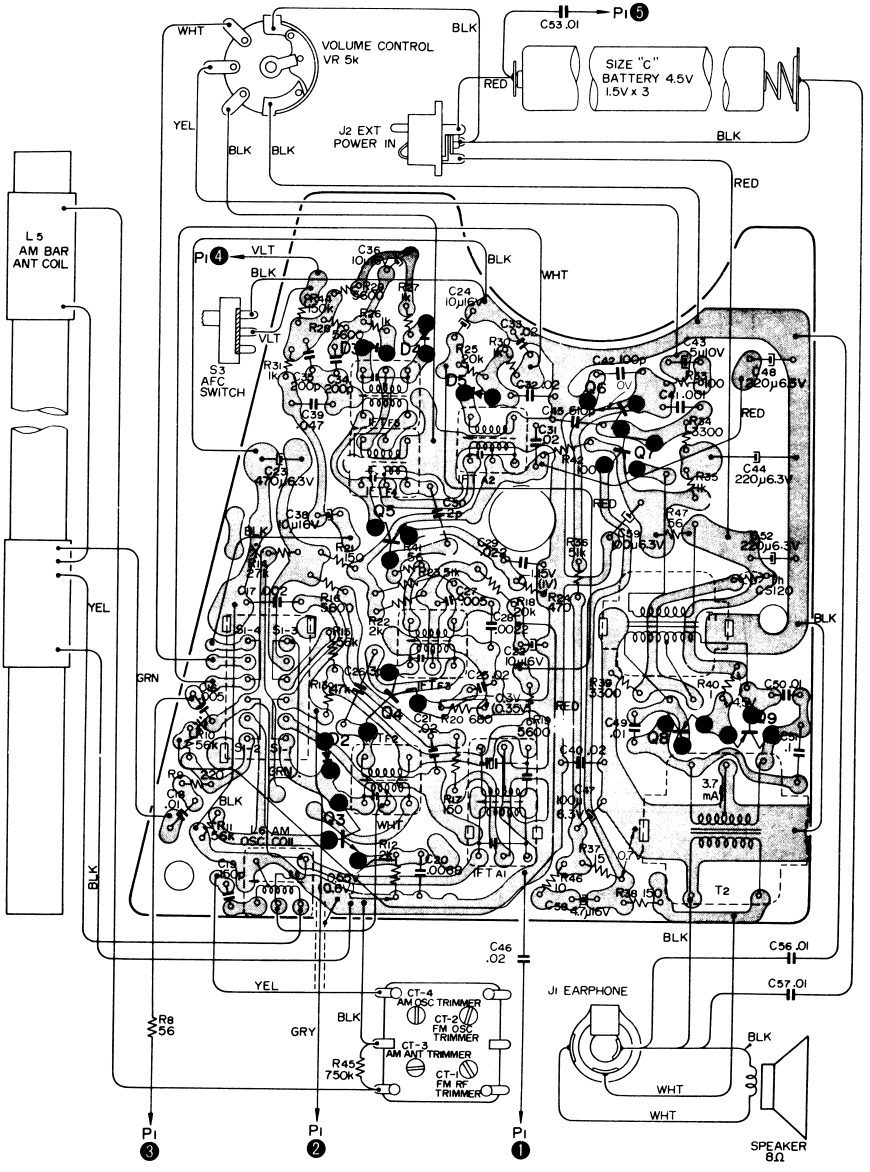




SPECIFICATIONS

Circuit System:	9-transistor 6-diode superheterodyne
Frequency Coverage:	FM 87—108 MHz (3.45—2.78 m)
	AM 530—1,605 kHz (566—187 m)
Intermediate Frequency:	FM 10.7 MHz
	AM 455 kHz
Antenna System:	FM built-in telescopic antenna
	AM built-in ferrite bar antenna
Power Requirements:	Three "C" size flashlight batteries, 4.5 V in total or house current by using "SONY" ac adaptor
Power Output:	350 mW (undistorted)
	500 mW (maximum)
Current Drain:	16 mA (FM), 12.2 mA (AM) at zero signal
	225 mA at 500 mW output
Maximum Sensitivity:	FM 1.6 μV
(at 50 mW output)	AM 78 μV/m
Selectivity:	21dB at 10 kHz off resonance, at 1,400 kHz
Speaker:	3½″ (92 mm) 8 Ω
Dimensions:	6 7/8″ (W) x 5 1/2″ (H) x1 13/16″ (D) (175 mm x 140 mm x 46 mm)
Weight:	1 lb 10 oz (750 g) with batteries

MOUNTING DIAGRAM
IF-AF Circuit Board P2
–Conductor Side–



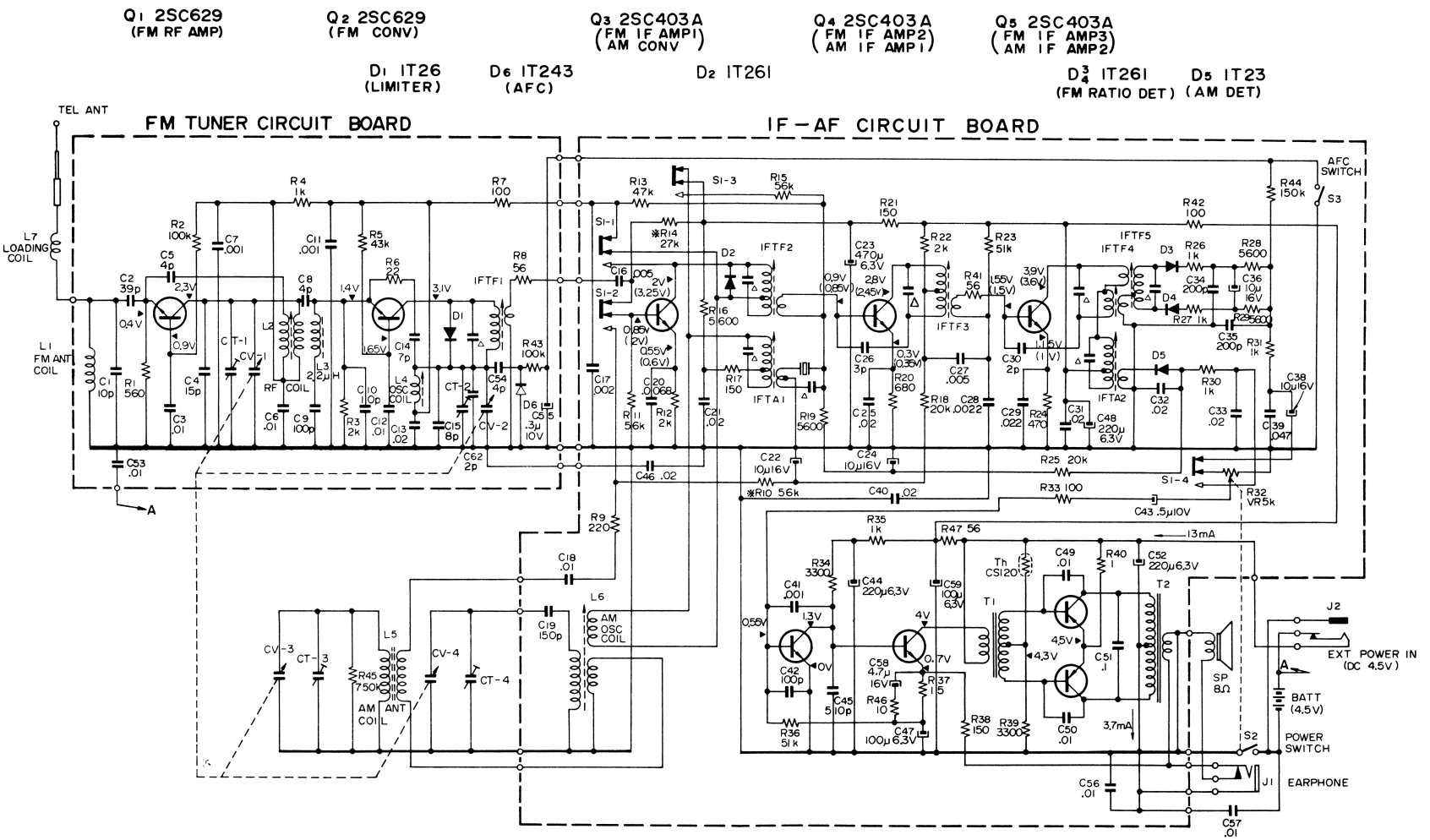
Note:
R47, C23, C44: mounted on the conductor side.
Resistor marked with ✱ is to be selected in value.

Printed circuit board
Part No. 1-538-910-14

Sony 6F-19WA

S37-1

SCHEMATIC DIAGRAM



Q6 2SC633 (AF AMP1) Q7 2SC633 (AF AMP2) Q8 Q9 2SB136 (POWER AMP)

Note:

1. All resistors and capacitors are in Ω and μF, unless otherwise indicated.
2. Capacitor marked with △ is built in i-f transformer and ceramic filter.
3. Resistor marked with ※ is to be selected in value.
4. Voltage value is measured to ground circuit with a dc voltmeter (20 kΩ/V) and current value is measured with a dc ammeter. Voltage and current values are taken with no radio signal received and the values shown in ( ) are taken with band selector set to AM. Variations may be noted due to normal production tolerances.