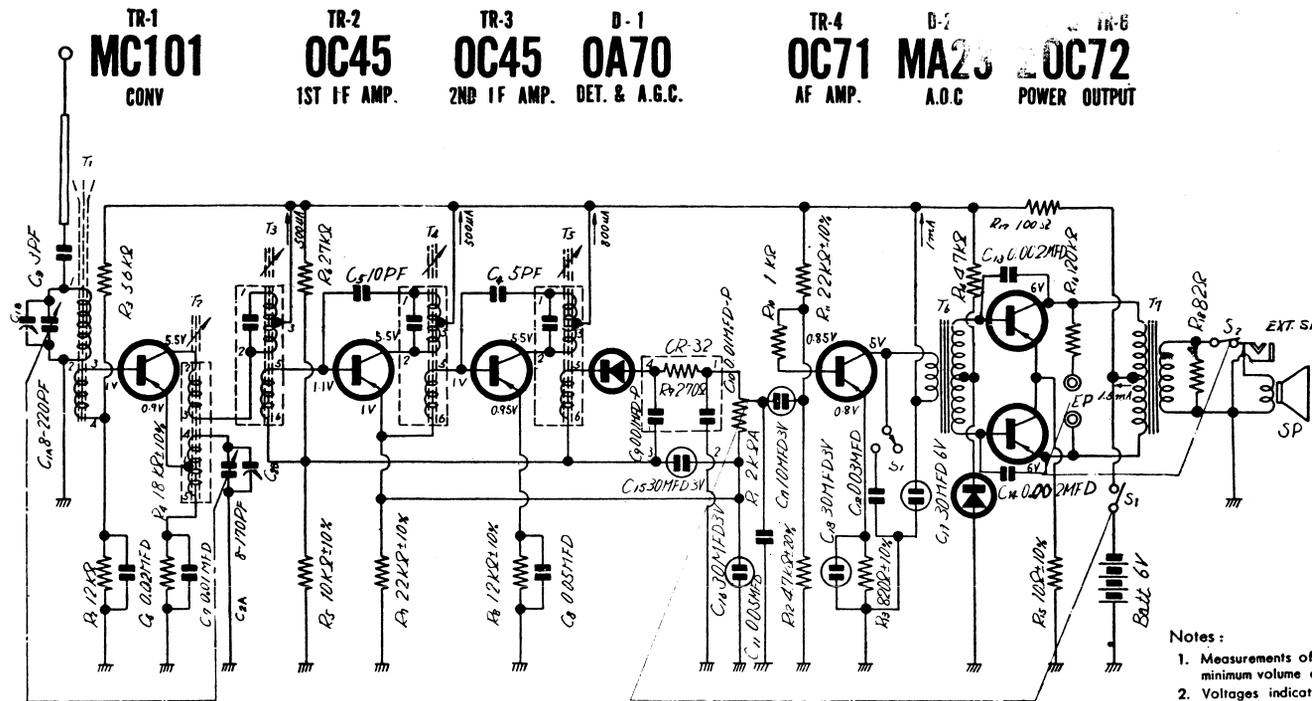
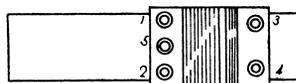


**SCHEMATIC DIAGRAM**



**Notes:**

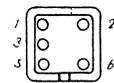
1. Measurements of voltage and current should be made at minimum volume and at no signal.
2. Voltages indicated in the schematic diagram are given as standard values measured by Vacuum-tube Volt Meter. When 1 K $\Omega$  / 1 V Tester is used for voltage measurement, please note that you will get lower values (-0.1 V on Collector, 0.2 V on Base and -0.1 V on Emitter respectively) than the above-mentioned standard values obtained by Vacuum-tube Volt Meter.
3. Please make your current measurement within the range of 1 mA. Collector current of both transistors TR-1 (1c1) and TR-2 (1c2) are to be measured at the points, as illustrated on the printed circuit board removing solder on them. Those of other transistors can be measured by means of cutting the printed copper on the board.
4. Values of resistors R<sub>3</sub> (56K $\Omega$ ), R<sub>4</sub> (27K $\Omega$ ) and R<sub>14</sub> (4.7K $\Omega$ ) given in the schematic diagram may be variable according to radio receivers.



T<sub>2</sub>  
FERRITE ROD ANTENNA COIL



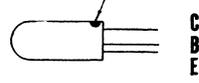
T<sub>2</sub>  
OSC COIL



T<sub>3</sub> T<sub>4</sub> & T<sub>5</sub>  
IF TRANS

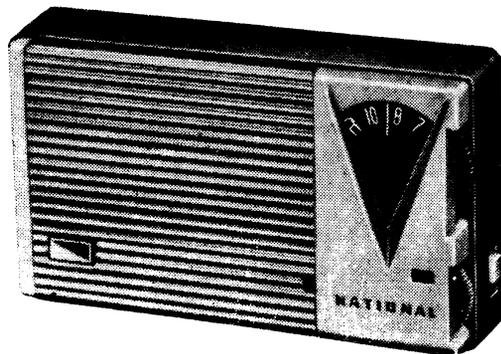


COUPLED CAPACITORS & RESISTOR



TRANSISTOR

(BOTTOM VIEW)



**SPECIFICATIONS**

Frequency Range :	540 ~ 1600 Kc/s (556 ~ 187.5 m)
Intermediate Frequency :	455 Kc/s
Sensitivity :	300 $\mu$ V / m / 10 mW
Power Output :	150 mW undistorted 200 mW maximum
Battery :	6V (No. 3 Penlight Cells 1.5V $\times$ 4)
Speakers :	2 1/2" PM dynamic speaker Voice coil impedance 10 $\Omega$



MAIN PARTS LOCATION & PRINTED CIRCUIT BOARD

