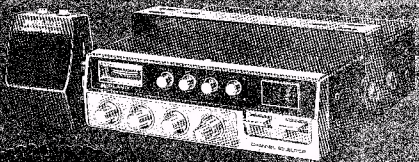


MIDLAND
INTERNATIONAL

SSB/AM 2 Way Transceiver

CITIZANS BAND

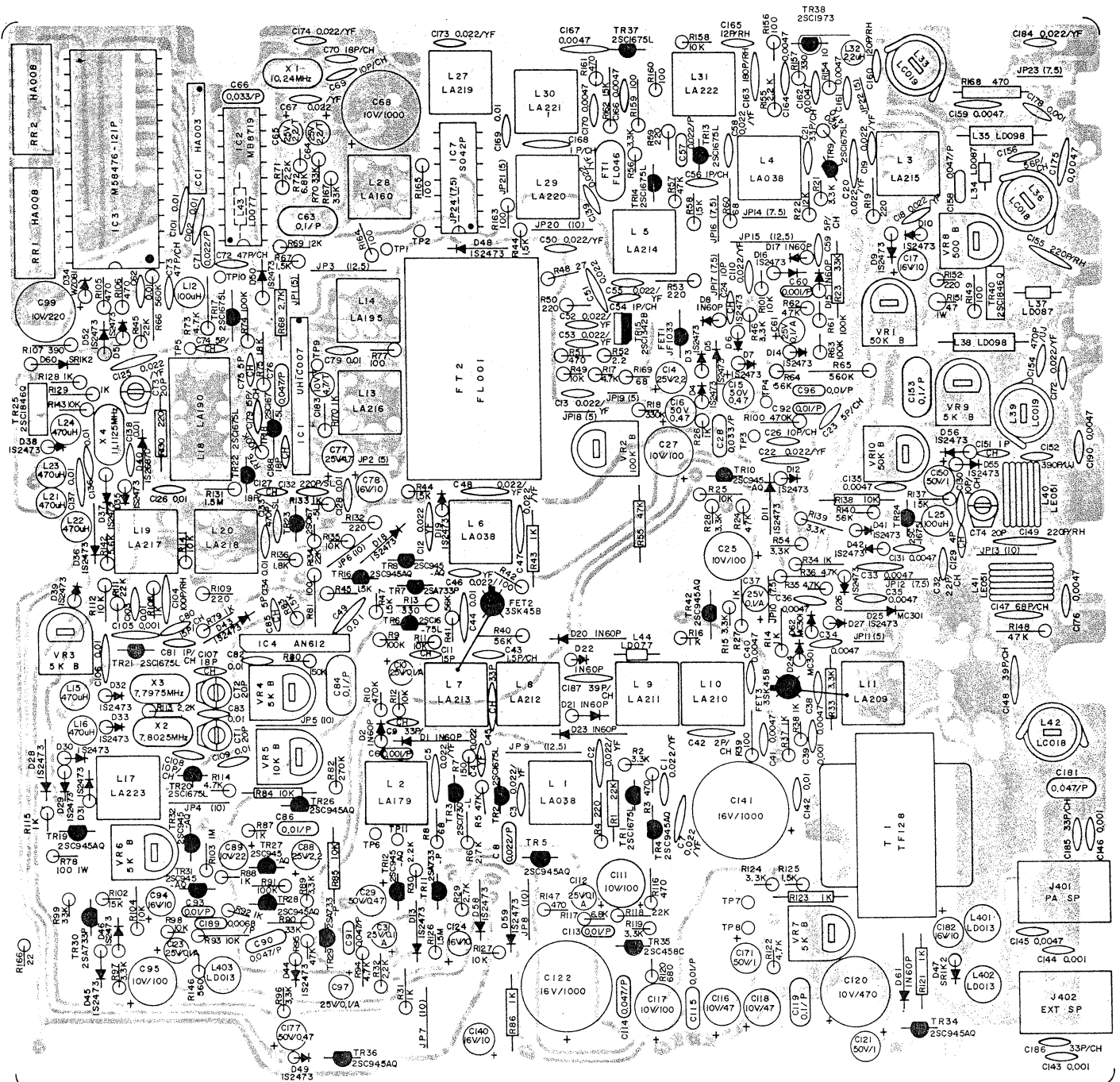
Solid State



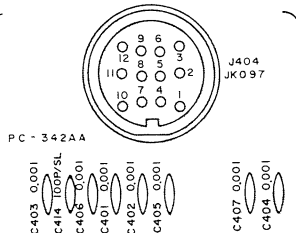
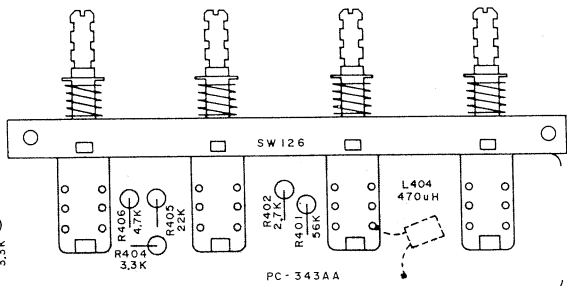
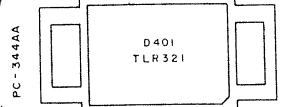
Model 79 - 900

Schematic diagram

PARTS LAYOUT (FRONT VIEW)

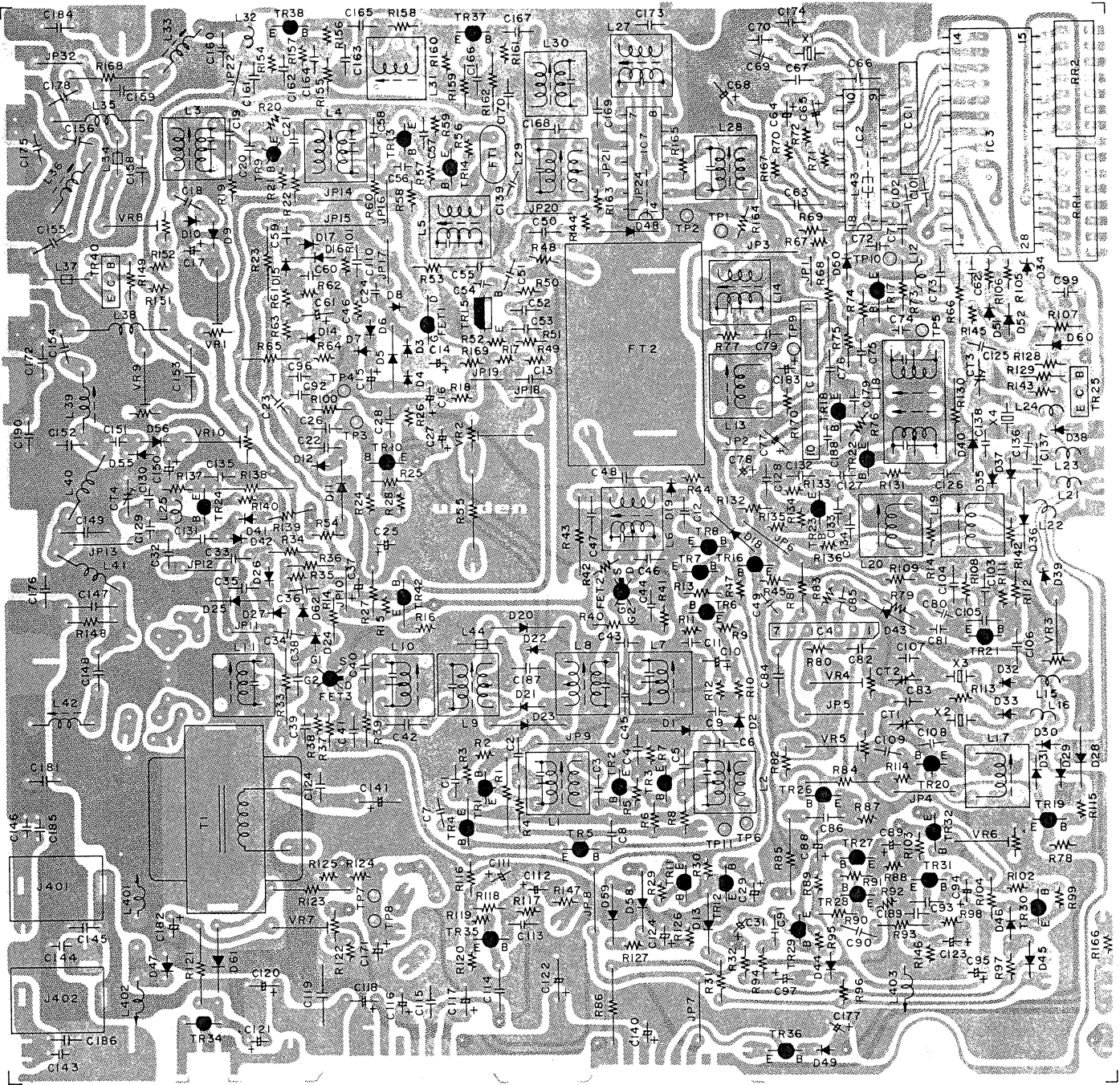


NOTE: RESISTANCE VALUES ARE SHOWN IN OHMS UNLESS OTHERWISE NOTED (K = 10³ OHMS, M = 10⁶ OHMS).
 RESISTOR WATTAGES ARE 1/4W UNLESS OTHERWISE SPECIFIED.
 ALL CAPACITORS IN MICROFARADS YO EXCEPT 0.022uF UNLESS OTHERWISE NOTED.



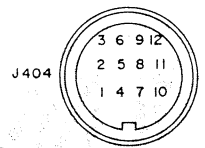
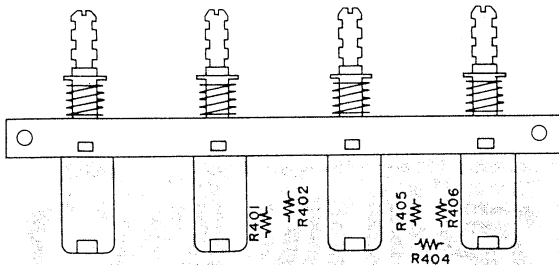
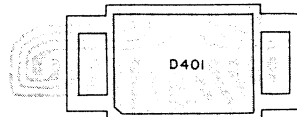
TP4
TP3

TP



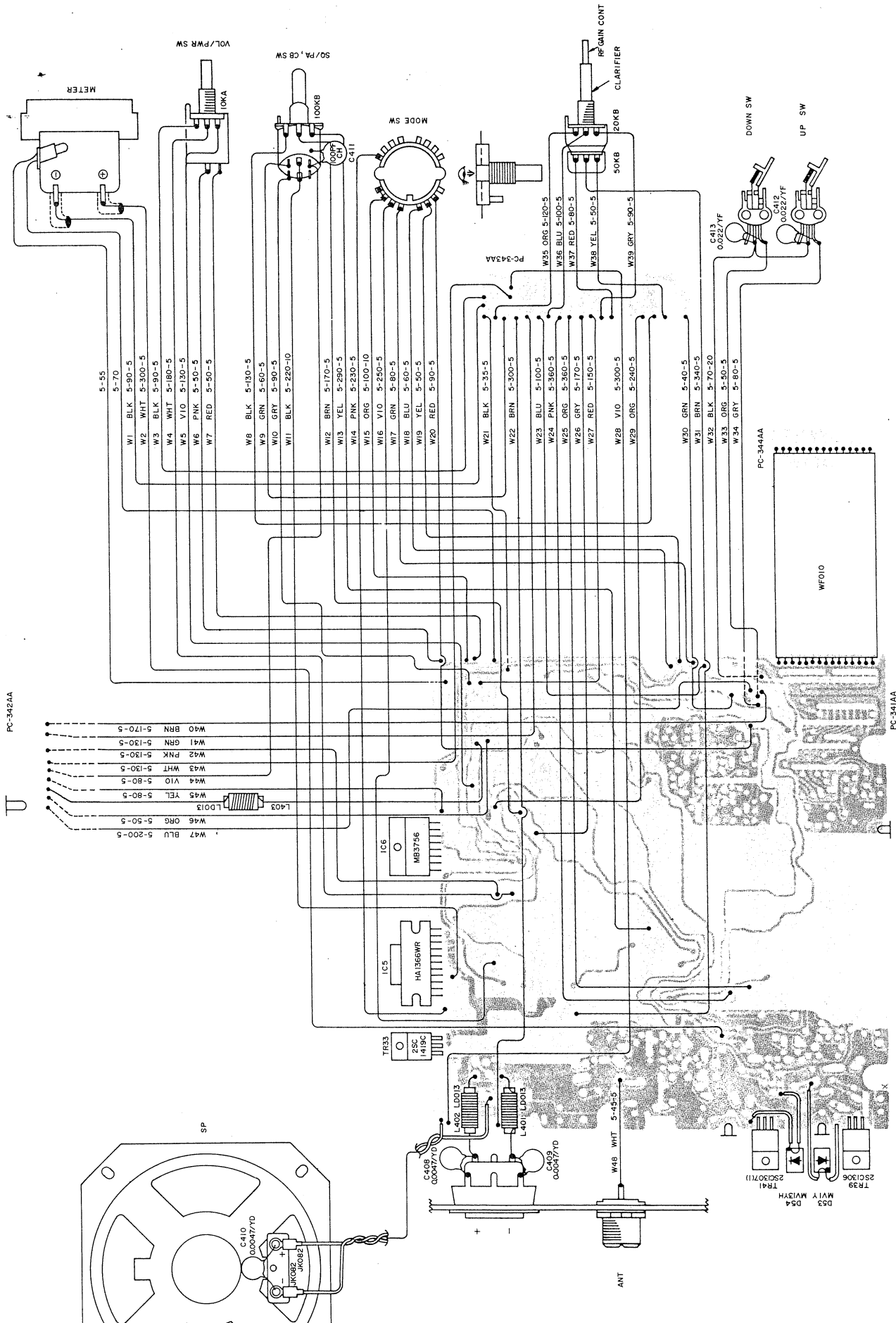
TP7
TP8

TP11
TP6

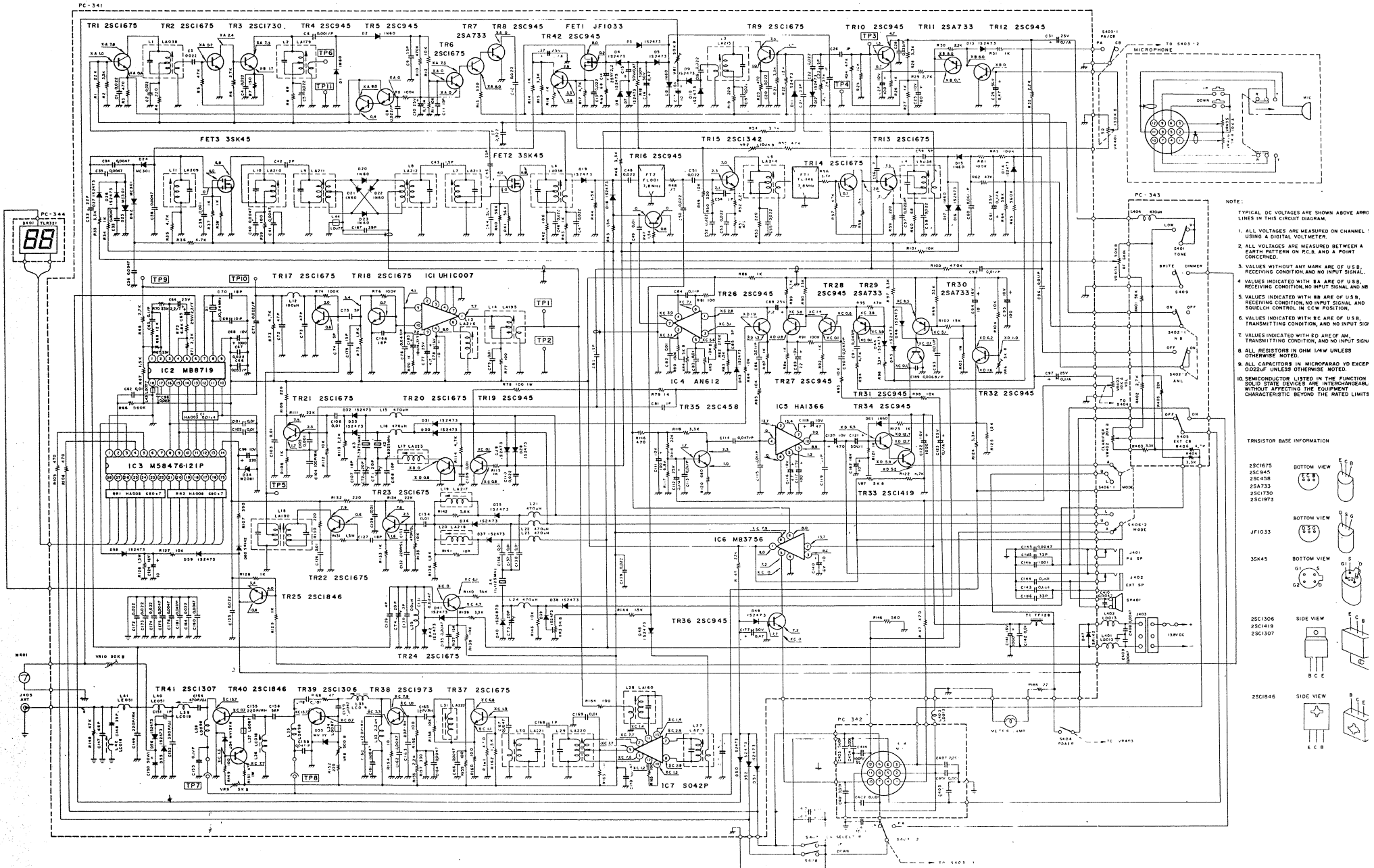


C404
C407
C405
C412
C401
C406
C414
C403

WIRING DIAGRAM (CHASSIS WIRING)



SCHEMATIC DIAGRAM



- NOTE:
1. ALL VOLTAGES ARE SHOWN ABOVE AMPERAGE LINES IN THIS CIRCUIT DIAGRAM.
 2. ALL VOLTAGES ARE MEASURED ON CHANNEL 1 USING A DIGITAL VOLTMETER.
 3. ALL VOLTAGES ARE MEASURED BETWEEN A GROUND POINT ON P.C.B. AND A POINT CONCERNED.
 4. VALUES WITHOUT ANY MARK ARE OF U.S.B. RECEIVING CONDITION, NO INPUT SIGNAL AND NR.
 5. VALUES INDICATED WITH RB ARE OF U.S.B. RECEIVING CONDITION, NO INPUT SIGNAL AND SIGNAL CONTROL IN CW POSITION.
 6. VALUES INDICATED WITH RC ARE OF U.S.B. TRANSMITTING CONDITION, AND NO INPUT SIGNAL.
 7. VALUES INDICATED WITH RD ARE OF AM TRANSMITTING CONDITION, AND NO INPUT SIGNAL.
 8. ALL RESISTORS IN OHM 1/4W UNLESS OTHERWISE NOTED.
 9. ALL CAPACITORS IN MICROFARAD EXCEPT 0.02UF UNLESS OTHERWISE NOTED.
 10. SEMICONDUCTOR LISTED IN THE FUNCTION SOLID STATE DEVICES ARE INTERCHANGEABLE WITHOUT AFFECTING THE EQUIPMENT CHARACTERISTIC BEYOND THE RATED LIMITS.

