



MESSENGER 323 SCHEMATIC DIAGRAM  
(FOR UNITS WITH "E" OR LATER MODEL DESIGNATOR  
ON SERIAL NUMBER STICKER)

- NOTES:
1. RESISTANCE VALUES GIVEN IN OHMS UNLESS OTHERWISE SPECIFIED.
  2. CAPACITANCE VALUES GIVEN IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
  3. VOLTAGES MEASURED AT TEST POINT # 2 ON PRINTED CIRCUIT BOARD. SQUELCH AT MINIMUM (CCW), VOLUME AT MAXIMUM (CW), 50 OHM DUMMY LOAD CONNECTED TO J3, POWER SUPPLY AT 13.80V, ALL VOLTAGES MEASURED WITH HP410C.
  4. \* VALUES SELECTED AT FACTORY.
  5. VOLTAGE MEASUREMENTS MAY VARY ± 10% FROM THOSE SHOWN.
  6. Δ THESE VOLTAGES FOR REFERENCE ONLY AND DO NOT NECESSARILY REPRESENT ACTUAL OPERATING POTENTIALS.
  7. Pin • Vcc 1c-12.2 X 0.410 • 5 WATTS