

PROCESSOR TECHNOLOGY CORPORATION

Sol PERSONALITY MODULE

SECTION IV

left end of the board. In this position the component (front) side of the board is facing up. Subsequent position references related to the personality module circuit board assume this orientation.

4.6 ASSEMBLY-TEST

4.6.1 Circuit Board Check

- (✓) Visually check circuit board for broken traces, shorts (solder bridges) between traces and similar defects.
- (✓) Check circuit board to insure that the +5-volt bus, +12-volt bus and -12-volt bus are not shorted to each other or to ground. Using an ohmmeter, make the following measurements (refer to personality module assembly drawing in Section IX):
  - (✓) +5-volt Bus Test. Measure between edge connector pin B14 (back side, second pin from bottom) and pin B1 (back side, top pin). There should be no continuity.
  - (✓) -12-volt Bus Test. Measure between edge connector pin B2 (back side, second pin from top) and pin B1 (back side, top pin). There should be no continuity.
  - (✓) +12-volt Bus Test. Measure between edge connector pin B15 (back side, bottom pin) and pin B1 (back side, top pin). There should be no continuity.
  - (✓) 5/12/(-12) Volt Bus Test. Measure between edge connector pin B14 (back side, second pin from bottom) and pin B15 (back side, bottom pin), between pin B15 and pin B2 (back side, second pin from top), and between pins B14 and B2. There should be no continuity in any of these three measurements.

If visual inspection reveals any defect, or you measure continuity in any of the preceding tests, return the board to Processor Technology for replacement. If the board is not defective, proceed to next paragraph.

4.6.2 Assembly-Test Procedure

Refer to personality module assembly drawing in Section IX.

CAUTION

THE MEMORY IC's USED ON THE PERSONALITY MODULE ARE MOS DEVICES. THEY CAN BE  
(CAUTION continued on Page IV-3)