

PROCESSOR TECHNOLOGY CORPORATION

Sol-PC SINGLE BOARD TERMINAL COMPUTERTM

SECTION III

- () Step 35. Install the following IC's in the indicated locations. Pay careful attention to the proper orientation.

NOTE

Dots on the assembly drawing and PC board indicate the location of pin 1 of each IC.

<u>IC NO.</u>	<u>TYPE</u>
() U45	74LS04
() U46	8T380 or 8836
() U48	74LS00
() U50	74LS367
() U54	74LS04
() U63	74LS109
() U64	74LS109
() U67	8T97
() U68	8T97
() U76	74LS175
() U94	74LS367
() U107	74LS367

- (✓) Step 36. Apply power to Sol-PC and make the following voltage measurements:

<u>MEASUREMENT POINT</u>	<u>VOLTAGE*</u>
Pin 11 of U105 Socket	-5 V dc
Pin 20 of U105 Socket	+5 V dc
Pin 28 of U105 Socket	+12 V dc
Pin 1 of U51 Socket	+5 V dc
Pin 2 of U51 Socket	-12 V dc

*All voltages referenced to ground.

- (✓) If any voltages are incorrect, locate and correct the cause before going on to Step 37.
- (✓) If voltages are correct, turn power supply off, disconnect power cable and go on to Step 37.
- (✓) Step 37. Install the following IC's in the indicated locations. Pay careful attention to the proper orientation.

NOTE

Dots on the assembly drawing and PC board indicate the location of pin 1 of each IC.

(Step 37 continued on Page III-28.)