

PROCESSOR TECHNOLOGY CORPORATION

Sol-PC SINGLE BOARD TERMINAL COMPUTERTM

SECTION III

- (✓) Step 56. Using two 4-40 x 7/16 binder head screws, hex nuts and lockwashers, install 25-pin male connector in location J2 (parallel I/O interface). Install J2 in the same manner as you did J1.
- (✓) Step 57. Install Augat pins in mounting holes K, L and M. (Refer to "Installing Augat Pins" in Appendix IV.) These holes are located between U85 and U86. No jumper will be installed.
- (✓) Step 58. 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>
(✓) U37	74LS367
(✓) U38*	1489A*
(✓) U39#	4N26#
(✓) U52	74LS109
(✓) U55	74LS00
(✓) U56	1458CP or 1558CP
(✓) U57	7406
(✓) U58	8T94
(✓) U72	74LS109
() U73	74LS109
(✓) U84*	4029*
(✓) U85*	4046*
(✓) U86*	4024*
(✓) U95	74173
(✓) U96	74173
() U97	74LS175

*MOS device. Refer to CAUTION on Page III-8.

#Solder this IC in its location. See "Loading DIP Devices" in Appendix IV.

- (✓) Step 59. Check input/output (I/O) circuits.

NOTE

The parallel I/O interface should be tested with the device you will be using. Refer to "I/O Interfacing" in Section VII.

(Step 59 continued on Page III-36.)