

3.6.2 Personality Module Assembly

Since the personality module is required for testing the Sol-PC in the later stages of its assembly, we suggest that you assemble the personality module first. In so doing, your Sol-PC assembly will proceed uninterrupted. Assembly instructions for the personality module are provided in Section IV of this manual.

If you wish to wait to assemble the personality module until it is needed, go on to Paragraph 3.6.3.

3.6.3 Sol-PCB Assembly and Test

Refer to Sol-PC assembly drawing in Section IX.

- (✓) Step 1. Install DIP sockets. Install each socket in the indicated location with its end notch oriented as shown on the circuit board and assembly drawing. Take care not to create solder bridges between the pins and/or traces. (Refer to footnotes at end of this step before installing U105.)

INSTALLATION TIP

Insert socket pins into mounting pads of appropriate location. On solder (back) side of board, bend pins at opposite corners of socket (e.g., pins 1 and 9 on a 16-pin socket) outward until they are at a 45° angle to the board surface. This secures the socket until it is soldered. Repeat this procedure with each socket until all are secured to the board. Then solder the unbent pins on all sockets. Now straighten the bent pins to their original position and solder.

<u>LOCATION</u>	<u>TYPE SOCKET</u>
(✓) U1 through 21	16 pin
(✓) U22 through 24	14 pin
(✓) U25	24 pin
(✓) U26 through 37	16 pin
(✓) U38	14 pin
(✓) U39	None
(✓) U40 through 43	16 pin
(✓) U44 through 49	14 pin
(✓) U50	16 pin
(✓) U51	40 pin
(✓) U52	16 pin
(✓) U53 through 55	14 pin
(✓) U56	8 pin
(✓) U57 through 61	14 pin

(Continued on Page III-10.)