

PROCESSOR TECHNOLOGY CORPORATION

Sol-PC SINGLE BOARD TERMINAL COMPUTERTM

SECTION III

- (✓) Remove U75 and bend pin 5 in same manner as U42. Re-install U75 with pin 5 out of the socket.
- (✓) Using #24 wire, install the following TEMPORARY jumpers in the sockets for U14 through U21. Double check jumpers after installing for correctness. (See Figure 3-7.)

<u>IC SOCKET</u>	<u>JUMPER</u>
(✓) U14	Pin 12 to 6
(✓) U15	Pin 12 to 5
(✓) U16	Pin 12 to 4
(✓) U17	Pin 12 to 8
(✓) U18	Pin 12 to 2
(✓) U19	Pin 12 to 7
(✓) U20	Pin 12 to 1
(✓) U21	Pin 12 to 16

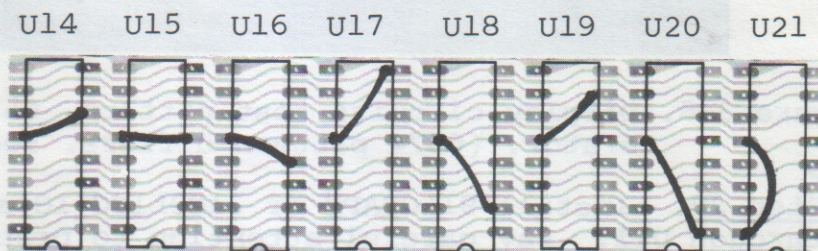


Figure 3-7. U14 through U21 socket jumpers.

- (✓) Turn monitor on and apply power to Sol-PC.
- (✓) Momentarily ground pin 1 of U2 and pin 5 of U75. The display shown in Figure 3-8 should appear on the monitor screen.
- (✓) If the display circuits do not pass this test, determine and correct the cause before proceeding with assembly.
- (✓) If the display circuits are operating correctly:
 - (✓) Turn monitor and power supply off and disconnect the power cable.
 - (✓) Remove jumpers from U14 through U21 sockets.
 - (✓) Bend pin 6 on U42, pin 4 on U49 and pin 5 on U75 back to their normal position and re-install these three IC's in their appropriate sockets.