

PROCESSOR TECHNOLOGY CORPORATION

Sol-PC SINGLE BOARD TERMINAL COMPUTERTM

SECTION III

- (✓) Step 46. Attach plastic card guide (SAE1250F) to each of the brackets installed in Step 45. (See Figure 3-11.) Insert posts on guides into bracket holes and push in until they snap into place.
- (✓) Step 47. 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>
(✓) U3*	91L02APC or 2102L1PC*
(✓) U4*	91L02APC or 2102L1PC*
(✓) U5*	91L02APC or 2102L1PC*
(✓) U6*	91L02APC or 2102L1PC*
(✓) U7*	91L02APC or 2102L1PC*
(✓) U8*	91L02APC or 2102L1PC*
(✓) U9*	91L02APC or 2102L1PC*
(✓) U10*	91L02APC or 2102L1PC*
(✓) U22	74LS136
(✓) U23	74LS20
(✓) U24	74LS04
(✓) U34	74LS138
(✓) U35	74LS138
(✓) U36	74LS138
(✓) U53	74LS02 or 9LS02
(✓) U70	74LS109
(✓) U71	74LS367
(✓) U83	74LS20

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

- () Step 48. Test memory and decoder circuits.

(✓) Set S1 switches as specified in Step 38.

(✓) Turn monitor on and apply power to Sol-PC.

(✓) Ground pin 1 of U2. You should see the same display as shown in Figure 3-10 on Page III-31. In this case, however, there should be a vertical "flickering" movement with an apparent flicker rate of approximately three times per second.

(✓) Turn Switch No. 1 of S1 to ON. The flicker should stop.

(Step 48 continued on Page III-33.)