

PROCESSOR TECHNOLOGY CORPORATION

Sol-PC SINGLE BOARD TERMINAL COMPUTERTM

SECTION III

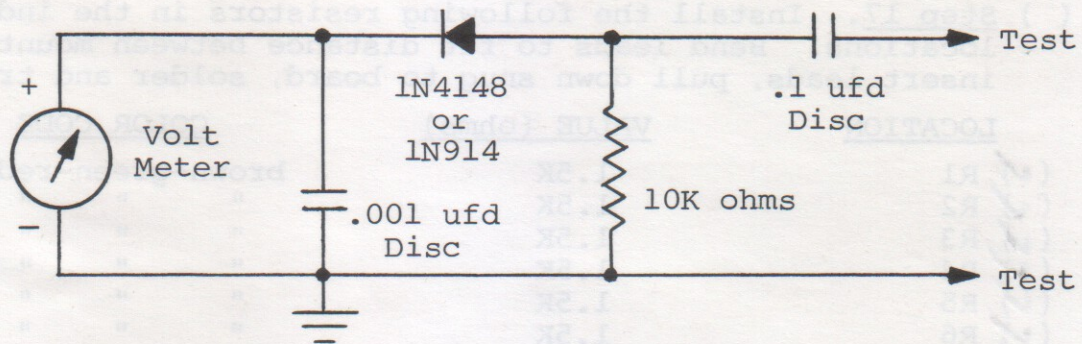


Figure 3-3. Test probe for Steps 16B and 25B.

NOTE 1

The probe shown in Figure 3-3 can be made using parts supplied with your Sol-PC kit. Since these parts will be used later in the Sol-PC assembly, DO NOT shorten the leads or otherwise alter the components. Assemble the probe using tack soldering technique.

NOTE 2

Make sure you have a good ground connection between the meter, probe and Sol-PCB.

- 4.00 ✓ At pin 7 of U77 you should measure approximately 1.5 V dc. (A significantly lower reading indicates a faulty oscillator circuit.)
- 1.75 ✓ At pin 6 of U91 you should measure approximately 0.25 V dc. (A significantly lower reading indicates a faulty clock divider. U90.)
- 1.25 ✓ At pin 11 of U91 you should measure approximately 1.25 V dc. (A significantly lower reading indicates a faulty clock divider, U90.)
- 11.00 ✓ At pin 5 of U104 you should measure approximately 4 V dc. (A significantly lower reading indicates a problem with U104.)
- 14.00 ✓ At pin 7 of U104 you should measure approximately 8 V dc. (A significantly lower reading indicates a problem with U 104.)
- ✓ If any voltages are incorrect, determine and correct the cause before proceeding with assembly.
- ✓ If all voltages are correct, turn power supply off and disconnect power cable.