IC NO.	TYPE
( ) U59	74LS20
( ) U60	74LS02 or 9LS02
( ) U62	93L16
( ) U74	74LS86
( ) U75	74LS109
( ) U87	7406
( ) U88*	4049*
( ) U102*	4001*

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

( ) Step 25. Apply power to Sol-PC and check display section timing chain operation. If you have an oscilloscope, use part A of this step. If you do not, use part B.

A. Oscilloscope Check

( ) Using an oscilloscope, check for the waveforms given in Figure 3-5 at the indicated observation points and in the order given. The waveforms shown in Figure 3-5 approximate actual waveforms. If any waveforms are incorrect, determine and correct the cause before proceeding with assembly.

NOTE

Irregularities up to 1 volt are acceptable on positive portions of waveforms. Negative portions, however, should be relatively flat.

B. Volt-ohm Meter Check

( ) Using the test probe made in Step 16B, measure the voltage at pin 12 of U28. You should measure approximately 1 V dc. If you get a significantly lower reading, find and correct the cause before you proceed with assembly.

( ) Turn off power supply and disconnect power connector.

( ) Step 26. Check synchronization circuits.

( ) Set all S1 switches to OFF.

( ) Connect Sol-PC video output cable to video monitor.

SEE CAUTION ON PAGE III-22 BEFORE CONNECTING MONITOR.