

PROCESSOR TECHNOLOGY CORPORATION

Sol-PC SINGLE BOARD TERMINAL COMPUTERTM

SECTION III

To check the serial I/O circuits, proceed as follows:

(✓) Set S3 switches as follows:

No. 1: ON

No. 2 through 8: OFF

(✓) Set all S4 switches to OFF.

(✓) Connect Sol-PC video output cable to monitor, turn monitor on and apply power to Sol-PC.

(✓) Set Sol-PC to local by depressing LOCAL key on keyboard to turn keyboard indicator light on.

(✓) Data entered from the keyboard should appear on the monitor.

(✓) If the Sol-PC fails this test, locate and correct the cause before proceeding.

(✓) If the Sol-PC passes this test, turn monitor and power supply off, disconnect power cable and video output cable and go on to Step 60.

(✓) Step 60. Install the following resistors in the indicated locations. Bend leads to fit distance between mounting holes, insert leads, pull down snug to board, solder and trim.

LOCATION	VALUE (ohms)	COLOR CODE
(✓) R117	10 K	brown-black-orange
(✓) R118	10 K	" " "
(✓) R119	10 K	" " "
(✓) R139	1.0M	brown-black-green
(✓) R140	10 K	brown-black-orange
(✓) R141	150 K	brown-green-yellow
(✓) R142	10 K	brown-black-orange
(✓) R143	1 M	brown-black-green
(✓) R144	47 K	yellow-violet-orange
(✓) R145	10 K	brown-black-orange
(✓) R146	10 K	" " "
(✓) R147	2.2M	red-red-green
(✓) R148	100 K	brown-black-yellow
(✓) R149	100	brown-black-brown
(✓) R150	470	yellow-violet-brown
(✓) R151	5.6K	green-blue-red
(✓) R152	150 K	brown-green-yellow
(✓) R153	100 K	brown-black-yellow
(✓) R154	100 K	" " "
(✓) VR3	50 K	Potentiometer