

A number of technicians have reported their first attempt to install the Europa upgrade failed. In almost every case it was due to incomplete soldering of the CPU socket to the circuit board. The following test will verify the connection of each socket pin to the circuit board on the component side.

The test requires only a continuity tester or ohmmeter. **With the CPU removed**, place one probe from your meter on the CPU socket pin listed below, and the other on the associated test point (if you can't see the socket & chips, you're on the wrong side of the board!):

CPU Pin #	Test Point	Board Location
1	CR1, pin 18	Connector at upper left, leftmost pin
2	CR1, pin 17	
3	CR1, pin 16	
4	CR1, pin 15	
5	CR1, pin 14	
6	IC5, pin 9	4053 to left of CPU
7	IC22, pin 19	40H245 near upper right corner
8	IC5, pin 10	4053 to left of CPU
9	IC9, pin 5	40H002 above CPU on left
10	R49, left leg	Resistor below CPU in middle
11	IC11	