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# Chapter 22

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## Loose Ends

If you still have a test wire connected to pin 1 of J14, cut it very short and use it to jumper pin 1 to pin 2. Since we will no longer need our LED logic probe, this restores the circuitry feeding the LED.

Way back in Chapter 3, you installed three LEDs at J15, J16, and J17. If you install the SK68K in a cabinet which has some LEDs on the front panel, you may wish to replace the board-mounted LEDs with those on the front panel. Since the DSK LED at J16 is only used with the -HDO hard disk controller, you will probably choose to leave it, but the POWER LED at J15 and the HLT LED at J17 might be useful on the front panel. In that case, cut off these two LEDs, leaving about 1/2" of their leads sticking up above the board. The two-pin connectors that most cabinets are supplied with for LED connections slip over the stubs of the LED wires (if the LEDs do not light, reverse the leads.)

Look over the printed circuit board carefully to make sure that all solder connections are right and that there are no areas which will suddenly cause problems a few months from now. Check also to make sure that all components are installed; look especially for capacitors or resistors which you may have missed. If some of these are missing, the computer may still work but may not be as reliable as it should be.

Before mounting the printed circuit board in a cabinet, note again that the board mounting holes have copper lands both on the top and bottom of the board. These lands are not at the same potential! The lands on the bottom are grounded, but the lands on top connect to +5 volts. You must therefore use non-conductive mounting hardware to prevent shorting the +5-volt line to ground.

