

Mercury Errata
v1.0
9 Feb 2009

Mercury Errata #1

Description of Error:

A 220 Ohm resistor is installed at R10 instead of the correct 22 Ohm unit.

Symptoms:

Some JTAG programmers (Terasic Byte Blaster, for example) will not program the serial FLASH memory (U9).

The PROM may still be programmed from the FPGA; only programming via the PROM PROG header (J4) is affected.

Corrective Action:

Remove R10. Install a 22 Ohm size 0603 resistor at R10.

Alternate action: Remove R10. Short across the R10 pads with a piece of wire.

Notes:

R10 is a series damping resistor. It is typically not required.

Severity:

This error will not affect receiver operation in any way. It only affects FLASH programming from the PROM PROG (J4) header, and only some JTAG programmers fail to work. If you cannot program the FLASH with your JTAG programmer, this mod should be done.