

Preliminary Information

This errata sheet provides updated information for EP20K400 devices prior to revision F. The die revision is indicated by the third digit of the nine-digit code on the top side of the device. Revision F and higher EP20K400 devices do not exhibit the conditions described in this document.

The JTAG IDCODE cannot be read out of EP20K400 devices prior to revision F, and the MAX+PLUS® II software cannot configure these devices via the JTAG interface. However, the JTAG circuitry does support boundary-scan testing (BST), bypass mode, and JTAG chain detection. Additionally, EP20K400 devices can be configured successfully using:

- Configuration devices
- Passive serial mode
- Passive parallel synchronous mode
- Passive parallel asynchronous mode
- JTAG configuration with the Quartus™ software version 1999.10 and higher
- JTAG configuration with Jam™ Files or Jam Byte-Code Files



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