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Technical Notes, Bulletins, and Application Notes

Incompatible User Data for the Device Selected

Date: 2/13/1998

Part Number: 983-0522-001a

Description:

General Information

The error "Incompatible User data for the device selected" is the result of a mismatch between the device selected and the JEDEC file or "Master" device. This error only occurs when attempting to program a logic device. The *QF and *QP fields in the JEDEC file specify the "Quantity of Fuses" and "Quantity of Pins" of the target device, respectfully. If the *QF value in the JEDEC file doesn't match exactly to the actual quantity of fuses in the selected device, this error will be reported. A complete description and example of a JEDEC file can be found in the "Translation Format" section of the programmer's User Manual. The number of fuses for a given logic device can be found in the ABEL/Logic Diagram Package manual or by contacting the device manufacturer.

Probable Cause: Solution

A logic device was not selected prior to transferring the JEDEC file:

Select the corresponding logic device before transferring the file.

The JEDEC file was improperly loaded from the programmer disk drive:

This error will result if the JEDEC file was loaded from the programmer disk drives via MORE COMMANDS / FILE OPERATIONS /LOAD FILE. This method is only for loading absolute binary image files and cannot be used for formatted file such as JEDEC files. Instead use MORE COMMANDS /TRANSFER DATA /INPUT FROM DISK and specify Translation format 91 (Full JEDEC) or 92 (JEDEC kernel).

The JEDEC file will not "Fit" into the device selected:

As described above, the *QF field in the JEDEC file must match exactly to the actual quantity of fuses in the device. For example; you will receive this error if you attempt to program a 22V10 using a JEDEC file for a 16V8 device.

The "Master" device is not the same type as the target. If copying from a "Master" device, the target device must have the exact same architecture as the "Master". Again, the quantity of fuses is used to determine whether the fuse map will 'fit' into the targeted device.

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