

This document addresses known errata and documentation issues for the 8B10B Encoder/Decoder MegaCore Function version 6.1. Errata are functional defects or errors, which may cause the 8B10B Encoder/Decoder MegaCore Function to deviate from published specifications. Documentation issues include errors, unclear descriptions, or omissions from current published specifications or product documents.



For the most up-to-date errata for this release, refer to the errata sheet on the Altera website:

www.altera.com/literature/es/es_ed8b10b_61.pdf.

8B10B Encoder/Decoder MegaCore Function v6.1 Issues

The following issue for the 8B10B Encoder/Decoder MegaCore Function v6.1 exists.

8B10B Encoder/Decoder MegaCore Function Does Not Support Two Different Instances in One Project

If a project requires two different encoder configurations of the 8B10B Encoder/Decoder MegaCore function, the encoder_lut module must be prefixed with the project name to differentiate each configuration. However, the module is not prefixed automatically, which results in a Quartus II software error because the two different configurations use the two similarly named modules.

Affected Configurations

This affects designs where multiple instances of different encoder configurations of the 8B10B Encoder/Decoder MegaCore function are used.

Design Impact

The resulting MegaCore function fails in the analysis and elaboration step in the Quartus II software.

Workaround

If possible, use multiple instantiations of the same encoder configuration in your project. If this is not possible, there is no workaround.

Solution Status

This will be fixed in the 8B10B Encoder/Decoder MegaCore function 7.1 release.

Contact Information

For more information, contact Altera's mySupport website at www.altera.com/mysupport and click **Create New Service Request**. Choose the **Product Related Request** form.

Revision History

Table 1 shows the revision history for the *8B10B Encoder/Decoder MegaCore Function v6.1 Errata Sheet*.

Version	Date	Errata Summary
1.1	April 2007	Added the following issue: 8B10B Encoder/Decoder MegaCore Function Does Not Support Two Different Instances in One Project
1.0	December 2006	No errata exist at this time.



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