

This document addresses known errata and documentation issues for the 8B10B Encoder/Decoder MegaCore Function version 7.0. 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\\_70.pdf](http://www.altera.com/literature/es/es_ed8b10b_70.pdf).

## 8B10B Encoder/Decoder MegaCore Function v7.0 Issues

The following issue for the 8B10B Encoder/Decoder MegaCore Function v7.0 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](http://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 v7.0 Errata Sheet.

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



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