



This document addresses known errata and documentation changes for the UTOPIA Level 2 Master MegaCore® function version 2.4.0.

Errata are design functional defects or errors. Errata may cause the UTOPIA Level 2 Master MegaCore function to deviate from published specifications.

Documentation changes include typos, errors, unclear descriptions, or omissions from current published specifications or product documents. These documentation changes or clarifications will be incorporated into an upcoming release of the UTOPIA Level 2 Master MegaCore function documentation.

## UTOPIA Level 2 Master MegaCore Function v2.4.0 Issue

Altera has identified the following issue that affects the UTOPIA Level 2 Master MegaCore function v2.4.0.

### **Performance Degradation in Transmitter Mode on Stratix II GX, Stratix II, Stratix GX, Stratix, HardCopy II, HardCopy Stratix, Cyclone II, & Cyclone Devices**

The performance of the MegaCore function is degraded by the introduction of unnecessary pauses in data transfer.

#### *Affected Configurations*

The transmitter mode is affected on Stratix® II GX, Stratix II, Stratix GX, Stratix, HardCopy® II, HardCopy Stratix, Cyclone™ II, and Cyclone devices.

#### *Design Impact*

Bandwidth is reduced due to the unnecessary pauses in data transfer. There is no data loss and the UTOPIA level 2 protocol is never violated.

#### *Workaround*

No workaround is available.

### *Solution Status*

This will be fixed in a future release of the UTOPIA Level 2 Master MegaCore function.



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

[www.altera.com/literature/es/es\\_utopia2\\_master\\_240.pdf](http://www.altera.com/literature/es/es_utopia2_master_240.pdf).

## 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 UTOPIA Level 2 Master MegaCore function.

<i>Table 1. UTOPIA Level 2 Master MegaCore Function Errata Sheet Revision History</i>		
Version	Date	Errata Summary
1.1	November 2005	Added: Performance Degradation in Transmitter Mode on Stratix II GX, Stratix II, Stratix GX, Stratix, HardCopy II, HardCopy Stratix, Cyclone II, & Cyclone Devices.
1.0	October 2005	First release.



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