

These release notes for the SerialLite II MegaCore® function v7.1 contain the following information:

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System Requirements

This SerialLite II MegaCore function has the same system requirements as the Quartus® II software.



For system requirements and installation instructions, refer to [Quartus II Installation & Licensing for Windows](#) or [Quartus II Installation & Licensing for UNIX & Linux Workstations](#) on the Altera website.

New Features & Enhancements

No new features or enhancements were added to this maintenance release.

Errata Fixed in This Release

The Data Misalignment in Multilane Stratix GX Configurations issue was fixed in this release.

For existing up-to-date errata, refer to the [SerialLite II MegaCore Function v7.1 Errata Sheet](#) on the Altera website.

Contact Altera

Although every effort has been made to ensure that this version of the SerialLite II MegaCore function works correctly, if problems occur, use the following contact information to communicate issues to the appropriate Altera representative.

For technical support or other information about Altera products, go to the Altera website at www.altera.com. You can also contact Altera through your local sales representative or any of the sources listed in [Table 1](#).

Table 1. Contacting Altera	
Information Type	Contact (1)
Technical support	www.altera.com/mysupport/
Technical training	www.altera.com/training/
Technical training services	custrain@altera.com
Product literature	www.altera.com/literature
Product literature services	literature@altera.com
FTP site	ftp.altera.com

Note to table:

(1) You can also contact your local Altera sales office or sales representative.

Revision History

Table 2 shows the revision history for the SerialLite II MegaCore function v7.1.

Table 2. SerialLite II MegaCore Function Revision History

Version	Date	Revision
7.1	May 2007	Maintenance release for the SerialLite II MegaCore function v7.1.
7.0	December 2006	Maintenance release for the SerialLite II MegaCore function v7.0.
6.1	December 2006	<ul style="list-style-type: none"> • Supports the TimeQuest Timing Analyzer tool • Supports polarity reversal for Stratix® II GX devices • Partial support for the alt2gxb reconfigurable block (the user must change the MegaWizard®-generated wrapper file to specify the pins required for full support) • Easy-to-use MegaWizard interface • Fixed several errata. See “Errata Fixed in This Release” in the SerialLite II v6.1 Release Notes for details.
1.1.0	April 2006	<ul style="list-style-type: none"> • Full support of asymmetrical, unidirectional and broadcast modes at rates up to 3.125 gigabits per second (Gbps) in Stratix GX devices and at up to 6.375 Gbps in Stratix II GX devices • Improved functionality for cyclic redundancy code (CRC) checking, retry-on-error, and frequency offset tolerance (clock compensation) • Includes the scramble/descramble modes
1.0.1	December 2005	<p>Maintenance release:</p> <ul style="list-style-type: none"> • Fixes the retry-on-error feature thus ensuring that segments are transmitted uninterrupted (except for link management packets) without being suspended or continued • Allows lane rates above 3.125 Gbps and transfer sizes of 4 when using the Quartus II version 5.1 Stratix II GX Device Pack
1.0.0	October 2005	Initial release.



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