

These release notes for the QDRII SRAM Controller MegaCore® function version 7.1 contain the following information:

- [System Requirements](#)
- [New Features & Enhancements](#)
- [Errata Fixed in This Release](#)
- [Contact Altera](#)
- [Revision History](#)

System Requirements

The QDRII SRAM Controller 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*.

New Features & Enhancements

The following list outlines new features and enhancements in this release:

- Full support for Stratix® II GX devices

Errata Fixed in This Release

No errata were fixed in this release.



For existing up-to-date errata, refer to the *QDRII SRAM Controller MegaCore Function v7.1 Errata Sheet* on the Altera® website at www.altera.com/literature/es/es_qdrii_sram_71.pdf.

Contact Altera

Although every effort has been made to ensure that this version of the QDRII SRAM Controller 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 world-wide 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	USA & Canada	All Other Locations
Technical support	www.altera.com/mysupport/	www.altera.com/mysupport/
	800-800-EPLD (3753) 7:00 a.m. to 5:00 p.m. Pacific Time	+1 408-544-8767 7:00 a.m. to 5:00 p.m. (GMT -8:00) Pacific Time
Product literature	www.altera.com	www.altera.com
Altera literature services	literature@altera.com	literature@altera.com
Nontechnical customer service	800-767-3753	+ 1 408-544-7000 7:00 a.m. to 5:00 p.m. (GMT -8:00) Pacific Time
FTP site	ftp.altera.com	ftp.altera.com

Revision History

[Table 2](#) shows the revision history for the QDRII SRAM Controller MegaCore function. 4

Table 2. QDRII SRAM Controller MegaCore Function Revision History

Version	Date	Revision
7.1	May 2007	See “New Features & Enhancements” on page 1 .
7.0	March 2007	Maintenance release.
6.1	December 2006	Maintenance release.
1.3.0	April 2006	<ul style="list-style-type: none"> • Full support for Stratix® II devices • Operates at 300 MHz for QDRII and QDRII+ SRAM • Support for QDRII+ SRAM • Added floorplan files for some Stratix II GX devices • Support for latency of 2.0 and 2.5 cycles
1.2.0	October 2005	<ul style="list-style-type: none"> • Support for Stratix GX devices • Support for Stratix II GX devices • Support for HardCopy® II devices
1.1.0	–	<ul style="list-style-type: none"> • Support for Stratix II data strobe (DQS) and non-DQS modes • Resynchronization of read data onto the system clock • Avalon® interface for read and write ports • Support for multiple devices • Support for clamshell memories (deeper memories)
1.0.0	–	Initial release.



101 Innovation Drive
San Jose, CA 95134
(408) 544-7000
www.altera.com
Applications Hotline:
(800) 800-EPLD
Literature Services:
literature@altera.com

Copyright © 2007 Altera Corporation. All rights reserved. Altera, The Programmable Solutions Company, the stylized Altera logo, specific device designations, and all other words and logos that are identified as trademarks and/or service marks are, unless noted otherwise, the trademarks and service marks of Altera Corporation in the U.S. and other countries. All other product or service names are the property of their respective holders. Altera products are protected under numerous U.S. and foreign patents and pending applications, maskwork rights, and copyrights. Altera warrants performance of its semiconductor products to current specifications in accordance with Altera's standard warranty, but reserves the right to make changes to any products and services at any time without notice. Altera assumes no responsibility or liability arising out of the application or use of any information, product, or service described herein except as expressly agreed to in writing by Altera Corporation. Altera customers are advised to obtain the latest version of device specifications before relying on any published information and before placing orders for products or services.

