

These release notes for the QDRII SRAM Controller MegaCore® function version 7.0 contain the following information:

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## 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* on the Altera website at [www.altera.com/literature/lit-qts.jsp](http://www.altera.com/literature/lit-qts.jsp).

## New Features & Enhancements

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

- Maintenance release

## 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 v7.0 Errata Sheet* on the Altera® website at [www.altera.com/literature/es/es\\_qdrii\\_sram\\_70.pdf](http://www.altera.com/literature/es/es_qdrii_sram_70.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](http://www.altera.com). You can also contact Altera through your local sales representative or any of the sources listed in [Table 1](#).

Information Type	USA & Canada	All Other Locations
Technical support	<a href="http://www.altera.com/mysupport/">www.altera.com/mysupport/</a>	<a href="http://www.altera.com/mysupport/">www.altera.com/mysupport/</a>
	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	<a href="http://www.altera.com">www.altera.com</a>	<a href="http://www.altera.com">www.altera.com</a>
Altera literature services	<a href="mailto:literature@altera.com">literature@altera.com</a>	<a href="mailto:literature@altera.com">literature@altera.com</a>
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	<a href="ftp://ftp.altera.com">ftp.altera.com</a>	<a href="ftp://ftp.altera.com">ftp.altera.com</a>

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

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



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

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