

These release notes for the Altera® CIC MegaCore® function, v7.1 contain the following information:

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System Requirements

The CIC MegaCore function is part of the MegaCore IP library which is distributed with the Quartus II software.



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

New Features & Enhancements

The CIC MegaCore function implements a cascaded integrator-comb filter.

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

- Variable interpolation/decimation rate
- Compensation filter coefficients generation
- Preliminary support for Arria™ GX

Errata Fixed in This Release

No errata were fixed in this release.

Known errata for the CIC MegaCore function are listed in a separate errata sheet.



For existing up-to-date errata, refer to the [CIC MegaCore Function, v7.1 Errata Sheet](#) on the [Errata Sheets](#) page of the Altera literature website.

How to Contact Altera

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

Information Type	Contact <i>Note (1)</i>
Technical support	www.altera.com/mysupport/
Product literature	www.altera.com
Altera literature services	literature@altera.com
FTP site	ftp.altera.com

Note to Table 1

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

Revision History

Table 2 shows the revision history for the CIC.

Version	Date	Revision
7.1	May 2007	<ul style="list-style-type: none"> • Added variable interpolation/decimation rate. • Added compensation filter coefficients generation. • Added Arria™ GX device support.
7.0	December 2006	Added Cyclone® III device support.
6.1	December 2006	First release of the CIC MegaCore function.



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