



HyperTransport MegaCore Function

May 2007, MegaCore Function, Version

Release Notes

These release notes for the HyperTransport MegaCore Function v7.1 contain the following information:

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

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

This release maintenance release contains no new features.

Errata Fixed in This Release

No errata were fixed in this maintenance release.

For existing up-to-date errata, refer to the *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 HyperTransport MegaCore Function works correctly, if problems occur, use the following contact information to communicate issues to the appropriate Altera representative.

| 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 1 shows the revision history for the HyperTransport MegaCore Function v.

| Version | Date | Revision |
|---------|---------------|--|
| 7.1 | May 2007 | <ul style="list-style-type: none"> • Maintenance release |
| 7.0 | December 2006 | <ul style="list-style-type: none"> • Maintenance release • For a list of errata fixed in this release, refer to the section “Errata Fixed in This Release” on page 1 |
| 6.1 | December 2006 | <ul style="list-style-type: none"> • Maintenance release |
| 1.4.0 | October 2005 | <ul style="list-style-type: none"> • Two new system signals to better handle PLL reset. • Support for Stratix II GX |
| 1.3.2 | February 2004 | <ul style="list-style-type: none"> • Addition of I/O Space BAR capability • Addition of ability to claim requests with the Compat bit set |
| 1.3.1 | December 2004 | <ul style="list-style-type: none"> • Addition of the new inputs RxPllAreset_i and TxPllAreset_i • Fix for Available Buffer Credit tracking issue • Fix for HT link initialization issue when the incoming sync phase (when CAD and CTL are all 1) of the initialization sequence was at the minimum of 16 bit times • Change to remove Quartus fitter warnings about inputs to the altlvds_tx • SERDES input |
| 1.3.0 | | <ul style="list-style-type: none"> • Preliminary support for the Stratix II device family. This included adding a new parameter, <code>intended_device_family</code>, for <code>ht_e8</code>. The <code>intended_device_family</code> parameter must match the <code>device_family</code> targeted by the design. • Support for HyperTransport clock frequencies of 500 MHz (1.0 Gbps per bit data rate) in Stratix II. • Support for IP Functional Simulation Models. • Support for OpenCore® Plus hardware evaluation. |



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