


This chapter describes changes to the published version of the *Stratix IV Device Handbook*. All changes from Revision 1.4 of this chapter are now incorporated in the main handbook chapters or in *AN 612: Decision Feedback Equalization in Stratix IV Devices*.

## Adaptive Equalization (AEQ)

-  This AEQ information is now located in the *Dynamic Reconfiguration in Stratix IV Devices* chapter.


## Decision Feedback Equalization (DFE)

-  For more information about the DFE feature, refer to *AN 612: Decision Feedback Equalization in Stratix IV Devices*.

## Power-On Reset Circuitry

The Power-On Reset Circuitry information is now located in the *Hot Socketing and Power-On Reset in Stratix IV Devices* chapter.

## Power-On Reset Specifications

-  The Power-On Reset Specification information is now located in the *Hot Socketing and Power-On Reset in Stratix IV Devices* chapter.

## Document Revision History

Table 2–1 lists the revision history for this chapter.

**Table 2–1. Document Revision History**

Date	Version	Changes
February 2011	1.5	<ul style="list-style-type: none"> <li>■ Removed the “Decision Feedback Equalization (DFE)” section now that <i>AN 612: Decision Feedback Equalization in Stratix IV Devices</i> is published.</li> <li>■ Moved the “Adaptive Equalization (AEQ)” sections to the <i>Dynamic Reconfiguration in Stratix IV Devices</i> chapter.</li> <li>■ Moved the “Power-On Reset Circuitry” and “Power-On Reset Specifications” sections to the <i>Hot Socketing and Power-On Reset in Stratix IV Devices</i> chapter.</li> <li>■ Minor text edits.</li> </ul>
September 2010	1.4	<ul style="list-style-type: none"> <li>■ Added corrections for the Adaptive Equalization (AEQ) section of the Stratix IV Dynamic Reconfiguration chapter.</li> <li>■ Added new information for the Decision Feedback Equalization (DFE) feature.</li> </ul>
April 2010	1.3	<ul style="list-style-type: none"> <li>■ Added corrections for the “Power-On Reset Circuitry” and “Power-On Reset Specifications” sections to of the Hot Socketing and Power-On Reset in Stratix IV Devices chapter.</li> </ul>
March 2010	1.2	<ul style="list-style-type: none"> <li>■ Moved the “Power-On Reset Circuitry”, “Power-On Reset Specifications”, “Correct Power-Up Sequence for Production Devices”, and “Correct Power-Up Sequence for Production Devices” sections to the Hot Socketing and Power-On Reset in Stratix IV Devices chapter.</li> <li>■ Moved the “Power-On Reset Circuit” and “JTAG TMS and TDI Pin Pull-Up Resistor Value Specification” sections to the Configuration, Design Security, Remote System Upgrades with Stratix IV Devices chapter.</li> <li>■ Moved the “Summary of OCT Assignments” section to the I/O Features in Stratix IV Devices chapter.</li> </ul>
February 2010	1.1	<ul style="list-style-type: none"> <li>■ Added the “Power-On Reset Circuitry”, “Power-On Reset Specifications”, “Correction to POR Signal Pulse Width Delay Times”, “Correct Power-Up Sequence for Production Devices”, “Power-On Reset Circuit”, “Summary of OCT Assignments”, and “JTAG TMS and TDI Pin Pull-Up Resistor Value Specification” sections.</li> <li>■ Minor text edits.</li> </ul>
November 2009	1.0	<ul style="list-style-type: none"> <li>■ Stratix IV GX enhanced transceiver data rate specifications in –4 commercial speed grade.</li> <li>■ Initial release.</li> </ul>