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This section includes [Chapter 12, HardCopy III Device and Packaging Information](#).

### Revision History

Refer to each chapter for its own specific revision history. For information on when each chapter was updated, refer to the Chapter Revision Dates section, which appears in the full handbook.



## Introduction

This chapter provides package information for HardCopy® III devices.

## Device and Package Information

HardCopy III device and package reference information is listed in [Table 12–1](#).

**Table 12–1. HardCopy III Devices in FBGA Packages Reference**

Device	Package	Pins
HC325W	FineLine BGA - Wire Bond	484
		780
HC325F	FineLine BGA - Flip Chip	484
		780
HC335L	FineLine BGA - Flip Chip	1152
		1517
HC335F	FineLine BGA - Flip Chip	1152
		1517



For thermal resistance specifications and device package outlines for HardCopy III devices, refer to the [Altera Device Package Information Data Sheet](#).

## Document Revision History

[Table 12–2](#) shows the revision history for this document.

**Table 12–2. Document Revision History**

Date	Version	Changes
January 2011	3.1	<ul style="list-style-type: none"> <li>Updated <a href="#">Table 12–1</a>: removed device HC315W.</li> <li>Used new document template.</li> </ul>
June 2009	3.0	<ul style="list-style-type: none"> <li>Added non-socket replacement packaging information.</li> <li>Updated the new part numbers.</li> </ul>
December 2008	2.0	Made minor editorial changes.
May 2008	1.0	Initial release.

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