

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

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