
CoreConfigMaster v2.1 Release Notes

These release notes accompany the production release of CoreConfigMaster v2.1. This document provides details about the features, enhancements, system requirements, supported families, implementations, and known issues and workarounds.

Features

CoreConfigMaster can be used to drive the configuration of peripheral blocks in a SmartFusion[®]2 or IGLOO[®]2 device. The peripheral blocks of interest are the double data rate (DDR) controllers, and the high speed serial interface (SERDESIF) blocks.

CoreConfigMaster fetches information stored in the embedded nonvolatile memory (eNVM), processes this information, and writes configuration data to the relevant blocks.

Interfaces

CoreConfigMaster masters the configuration process using an advanced high-performance bus (AHB)-Lite master interface. This interface should be connected via CoreAHLite to the fabric interface controller 0 (FIC_0) interface of the microcontroller subsystem (MSS) in a SmartFusion2 device, or high performance memory system (HPMS) in an IGLOO2 device.

If the System Builder tool is used within Libero[®] System-on-Chip (SoC) to construct a design targeted at a SmartFusion2 or IGLOO2 device, CoreConfigMaster will be automatically instantiated, configured and connected within the design if required.

Supported Families

- SmartFusion2
- IGLOO2

Supported Tool Flows

Use Libero v11.4 software or later with CoreConfigMaster v2.1 release.

Installation Instructions

CoreConfigMaster is available through the Libero SoC IP Catalog. The core can be downloaded from a remote web-based repository to the local vault. Once installed in Libero SoC, the core can be instantiated, configured, connected, and generated using the SmartDesign tool. The System Builder tool automatically instantiates, configures and connects CoreConfigMaster when constructing a design.

Known Issues and Workarounds

There are no known issues in this release.

Release History

Table 1 provides the release history of CoreConfigMaster.

Table 1. Release History of CoreConfigMaster

Version	Date	Changes
2.1	June 2014	Some additional processing capabilities have been added to the core to support setting and clearing of register bits. Libero v11.4 or later is required for this version of the core.
2.0	June 2013	First production release



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