APB Interconnect Module

IP Version: v1.3.0

Release Notes

FPGA-RN-02077-1.0

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Inclusive Language

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Contents

1. Introduction

This document contains the Release Notes for the APB Interconnect Module. For specific details about the IP, refer to the following:

- APB Interconnect Module User Guide (FPGA-IPUG-02054)

APB Interconnect Module v1.3.0

Software	Software Version	Summary of Changes
Lattice Propel Builder Lattice Radiant	2025.1	• Corrected the AMBA terminology from *Requestor* to *Requester*. • Added support for LFD2NX-15, LFD2NX-25, LFD2NX-35, and LFD2NX-65 devices. • Added support for LFMXO5-35, LFMXO5-35T, LFMXO5-65, and LFMXO5-65T devices. • Documented the changes for earlier IP versions in the IP Release Notes.

APB Interconnect Module Earlier Versions

IP Version	Summary of Changes
1.2.1	• Adopted AMBA new inclusive terminology. • Removed the *Weighted Round Robin* option from the *Arbiter Scheme* property.
1.2.0	Resolved synthesis errors.
1.1.0	Extended support to all FPGA devices.
1.0.6	Added support for MachXO3L and MachXO3LF devices.
1.0.5	Added support for MachXO2 devices.
1.0.4	Added support for Mach-NX devices.
1.0.3	Added an explicit definition of port type for the clock and reset ports.
1.0.2	Added support for IP generation with the Lattice Radiant software.
1.0.1	Added support for CrossLink-NX and Certus-NX devices.
1.0.0	Initial release.

References

- APB Interconnect Module User Guide (FPGA-IPUG-02054)
- CrossLink-NX web page
- CertusPro-NX web page
- Certus-NX web page
- Certus-N2 web page
- Mach-NX web page
- MachXO2 web page
- MachXO3 web page
- MachXO3D web page
- MachXO5-NX web page
- iCE40 UltraPlus web page
- Avant-E web page
- Avant-G web page
- Avant-X web page
- APB Interconnect Module web page
- Lattice Radiant Software web page
- Lattice Propel Design Environment web page
- Lattice Diamond Software web page
- Lattice Insights for Lattice Semiconductor training courses and learning plans

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For frequently asked questions, please refer to the Lattice Answer Database at www.latticesemi.com/Support/AnswerDatabase.

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