AHB-Lite to AXI4 Bridge IP

IP Version: v1.5.1

Release Notes

FPGA-RN-02048-1.4

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Contents

Contents 3
1. Introduction 4
AHB-Lite to AXI4 Bridge IP v1.5.1 4
AHB-Lite to AXI4 Bridge IP v1.5.0 4
AHB-Lite to AXI4 Bridge IP v1.4.0 4
AHB-Lite to AXI4 Bridge IP v1.3.0 4
AHB-Lite to AXI4 Bridge IP v1.2.0 4
AHB-Lite to AXI4 Bridge IP Earlier Versions 4
References 5
Technical Support Assistance 6

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1. Introduction

This document contains the Release Notes for the AHB-Lite to AXI4 Bridge IP. For specific details about the IP, refer to the following:

- AHB-Lite to AXI4 Bridge IP User Guide (FPGA-IPUG-02242)

AHB-Lite to AXI4 Bridge IP v1.5.1

Software	Software Version	Summary of Changes
Lattice Propel Builder	2026.1.1	Added the AXI4-Lite bus interface declaration when AXI4-Lite mode is enabled. **Note:** There are no updates to the IP user guide for this release. Refer to the *AHB-Lite to AXI4 Bridge IP User Guide (FPGA-IPUG-02242, v1.5)* for the applicable documentation.

AHB-Lite to AXI4 Bridge IP v1.5.0

Software	Software Version	Summary of Changes
Lattice Propel Builder	2026.1	• Enabled support for AHB-Lite to AXI4-Lite conversion. • Added support for LN2-CT20, LFD2NX-15P, LFD2NX-25P, and LFMXO5-25P devices.

AHB-Lite to AXI4 Bridge IP v1.4.0

Software	Software Version	Summary of Changes
Lattice Propel Builder	2025.2	Included bug fixes for identified issues.

AHB-Lite to AXI4 Bridge IP v1.3.0

Software	Software Version	Summary of Changes
Lattice Propel Builder	2025.1	• Fixed an issue where the AHB-Lite interface HMASTLOCK port cannot be connected to the AHB-Lite Interconnect Module in the Lattice Propel Builder software. • 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.

AHB-Lite to AXI4 Bridge IP v1.2.0

Software	Software Version	Summary of Changes
Lattice Propel Builder	2024.2	• Added support for Certus-N2, LatticeECP3, and ECP5 devices.

AHB-Lite to AXI4 Bridge IP Earlier Versions

IP Version	Summary of Changes
1.1.0	Added support for Lattice Nexus and Lattice Avant devices.
1.0.0	Initial release.

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References

- AHB-Lite to AXI4 Bridge IP User Guide (FPGA-IPUG-02242)
- LatticeECP3 web page
- ECP5 web page
- CrossLink-NX web page
- CertusPro-NX web page
- Certus-NX web page
- Certus-N2 web page
- MachXO5-NX web page
- Avant-E web page
- Avant-G web page
- Avant-X web page
- AHB-Lite to AXI4 Bridge IP Core web page
- Lattice Propel Builder software
- Lattice Radiant FPGA design software
- Lattice Diamond Software web page
- Lattice Insights for Lattice Semiconductor training courses and learning plans

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