



Debayer IP

IP Version: v1.4.0

Release Notes

FPGA-RN-02054-1.1

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1. Introduction

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

- [Debayer IP User Guide \(FPGA-IPUG-02203\)](#)

Debayer IP v1.4.0

Software	Software Version	Summary of Changes
Lattice Radiant	2025.2	<ul style="list-style-type: none">• Added support for Certus-N2 devices.• Updated constraint files.• Removed IP license requirement.

Debayer IP v1.3.0

Software	Software Version	Summary of Changes
Lattice Radiant	2025.1	Added support for LFD2NX-25 and LFD2NX-28 devices.

Debayer IP Earlier Versions

IP Version	Summary of Changes
1.2.2	Fixed combinational loop issue.
1.2.1	<ul style="list-style-type: none">• Removed license strings.• Fixed an issue in proper handling of pixels per clock (PPC) during vertical blanking period.• Fixed an issue in bus width computation of AXI4-Stream receiver data.• Fixed an issue in TVALID behavior during vertical blanking.• Fixed testbench related issues.
1.2.0	<ul style="list-style-type: none">• Fixed issues in bus interface connectivity.• Fixed issues in handling TVALID going LOW during vertical blanking period.• Other minor IP enhancements.
1.1.0	<ul style="list-style-type: none">• Added support for Lattice Avant devices.• Timing improvements and resource utilization optimizations.• Added support for partial resolution.• Added regression support in Verilog testbench.
1.0.0	Initial release.

References

- [Debayer IP User Guide \(FPGA-IPUG-02203\)](#)
- [CrossLink-NX web page](#)
- [Certus-NX web page](#)
- [Certus-N2 web page](#)
- [CertusPro-NX web page](#)
- [Avant-E web page](#)
- [Avant-G web page](#)
- [Avant-X web page](#)
- [Lattice Propel Design Environment web page](#)
- [Lattice Radiant Software web page](#)
- [Lattice Insights for Lattice Semiconductor training courses and learning plans](#)

Technical Support Assistance

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



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