



OpenLDI/FPD-Link/LVDS Transmitter IP

IP Version: v1.8.0

Release Notes

FPGA-RN-02012-1.2

December 2025

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1. Introduction

This document contains the Release Notes for the FPD-Link Transmitter IP. For specific details about the IP, refer to the following:

- [OpenLDI/FPD-Link/LVDS Transmitter IP User Guide \(FPGA-IPUG-02117\)](#)

OpenLDI/FPD-Link/LVDS Transmitter IP v1.8.0

| Software | Software Version | Summary of Changes |
|------------------|------------------|--|
| Lattice Radiant™ | 2025.2 | <ul style="list-style-type: none"> • Updated licensing by removing IP-specific license strings. The FPD-Link Transmitter IP is now provided at no additional cost with the Lattice Radiant software. • Updated customer testbench to fix data mismatch simulation error. • Updated constraint file. • Updated RTL for CSR bug fix. |

OpenLDI/FPD-Link/LVDS Transmitter IP v1.7.0

| Software | Software Version | Summary of Changes |
|-----------------|------------------|--|
| Lattice Radiant | 2025.1 | Added support for LFD2NX-15 and LFD2NX-25 devices. |

OpenLDI/FPD-Link/LVDS Transmitter IP v1.6.0

| Software | Software Version | Summary of Changes |
|-----------------|------------------|--|
| Lattice Radiant | 2024.2 | <ul style="list-style-type: none"> • Added support for Certus™-N2 devices. • Added support for LFD2NX-9 and LFD2NX-28 devices. |

OpenLDI/FPD-Link/LVDS Transmitter IP Earlier Versions

| IP Version | Summary of Changes |
|------------|---|
| 1.5.0 | Added Certus-N2 support (early release). |
| 1.4.0 | <ul style="list-style-type: none"> • Added Radiant 2024.1 support. • Added support for Unified Video Streaming interface. • Added Data type Dynamic Reconfiguration feature. • Added support for AXI4-Lite interface. |
| 1.3.1 | <ul style="list-style-type: none"> • Updated Avant™ primitives for Radiant 2024.2 compatibility. • Fixed design and testbench issue related to JEIDA format pixel mapping. |
| 1.3.0 | <ul style="list-style-type: none"> • Added LFD2NX-17, LIFCL, and LAV-AT support. • Added Propel™ support. • Added AXI4-Stream Interface. • Testbench enhancement for AXI4-Stream configuration. |
| 1.2.0 | Added LFMXO5-25 support. |
| 1.1.0 | <ul style="list-style-type: none"> • Added support for JEIDA/VESA mode. • Added CertusPro™-NX support. |
| 1.0.1 | Testbench enhancement. |
| 1.0.0 | Initial release. |

References

- [OpenLDI/FPD-Link/LVDS Transmitter IP User Guide \(FPGA-IPUG-02117\)](#)
- [Avant-E](#) web page
- [Avant-G](#) web page
- [Avant-X](#) web page
- [Certus-N2](#) web page
- [Certus-NX](#) web page
- [CertusPro-NX](#) web page
- [CrossLink-NX](#) web page
- [MachXO5-NX](#) web page
- [FPD-Link Transmitter IP Core](#) web page
- [Lattice Propel Builder](#) software
- [Lattice Radiant](#) FPGA design software
- [Lattice Insights](#) for Lattice Semiconductor training courses and learning plans

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