FIR Filter IP

IP Version: v2.3.1

Release Notes

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Contents

1. Introduction

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

- FIR Filter IP User Guide (FPGA-IPUG-02095)

FIR Filter IP v2.3.1

Software	Software Version	Summary of Changes
Lattice Radiant™	2025.2	Removed the IP licensing requirement.

FIR Filter IP v2.3.0

Software	Software Version	Summary of Changes
Lattice Radiant	2025.1	• Added support for LFD2NX-15, LFD2NX-25, LFD2NX-35, LFD2NX-65, LFMXO5-35, LFMXO5-35T, LFMXO5-65, and LFMXO5-65T devices. • Removed the *Frequency Constraint* attribute from the GUI.

FIR Filter IP v2.2.0

Software	Software Version	Summary of Changes
Lattice Radiant	2024.2	For the Lattice Avant™ Devices: • Added multiplexing support of up to 64 independent channels, with up to 512 taps. • Increased the maximum number of taps for a single channel to 1,024 for a Direct-form Filter, and up to 2,048 for a Symmetric Filter. For the Lattice Nexus™ 2 Devices: • Added support for Certus-N2 devices.

Note: Refer to the Release Notes section in *introduction.html* in the Radiant software installation folder or the IP server for details on changes made in previous versions of this IP.

FIR Filter IP Earlier Versions

IP Version	Summary of Changes
2.0.0	Added LAV-AT support
1.2.0	Added LFMXO5 support
1.1.0	Added LFCPNX support
1.0.0	Initial release

References

- FIR Filter IP User Guide (FPGA-IPUG-02095)
- 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
- FIR Filter IP Core web page
- Lattice Propel Design Environment web page
- Lattice Radiant Software web page
- Lattice Insights web page for Lattice Semiconductor training courses and learning plans

Technical Support Assistance

Submit a technical support case through www.latticesemi.com/techsupport.

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

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