



F-Tile PMA/FEC Direct PHY Multirate Intel FPGA IP Release Notes



Online Version



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RN

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1. F-Tile PMA/FEC Direct PHY Multirate Intel® FPGA IP Release Notes

The Intel® FPGA IP version (X.Y.Z) number can change with each Intel Quartus® Prime software version. A change in:

- X indicates a major revision of the IP. If you update the Intel Quartus Prime software, you must regenerate the IP.
- Y indicates the IP includes new features. Regenerate your IP to include these new features.
- Z indicates the IP includes minor changes. Regenerate your IP to include these changes.

Related Information

- [Introduction to Intel FPGA IP Cores](#)
- [F-Tile PMA and FEC Direct PHY Multirate Intel FPGA IP User Guide](#)
- [F-Tile Architecture and PMA and FEC Direct PHY IP User Guide](#)

1.1. F-Tile PMA/FEC Direct PHY Multirate Intel FPGA IP v2.0.1

Table 1. v2.0.1 2022.09.26

Intel Quartus Prime Pro Edition Version	Description	Impact
22.3	IP enhancements and bug fixes: • Improved System Messages for the number of profiles. • Improved Reconfiguration clock source parameter selection. • Corrected Number of secondary profiles parameter numbering to start from 1. • Added the QSF settings required for the IP.	Regenerate your IP to include these changes.



1.2. F-Tile PMA/FEC Direct PHY Multirate Intel FPGA IP v2.0.0

Table 2. v2.0.0 2022.06.21

Intel Quartus Prime Pro Edition Version	Description	Impact
22.2	Added support for Reconfiguration group with total bandwidth >100G.	Added support for 400G-8, 300G-12, 150G-6, 200G-8 and 200G-4 Reconfigurable groups.
	IP enhancements and bug fixes.	You must regenerate the IP. <i>Note:</i> Auto upgrade does not work in this release and you must manually upgrade the IP.

1.3. F-Tile PMA/FEC Direct PHY Multirate Intel FPGA IP v1.0.0

Table 3. v1.0.0 2022.03.28

Intel Quartus Prime Pro Edition Version	Description	Impact
22.1	Initial release.	—

1.4. F-Tile PMA and FEC Direct PHY Multirate Intel FPGA IP User Guide Archives

For the latest and previous versions of this user guide, refer to the [F-Tile PMA and FEC Direct PHY Multirate Intel FPGA IP User Guide](#). If an IP or software version is not listed, the user guide for the previous IP or software version applies.

