



Native Floating Point DSP Intel Stratix 10 FPGA IP Core Release Notes



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Native Floating Point DSP Intel Stratix 10 FPGA IP Core Release Notes

If a release note is not available for a specific IP version, the IP has no changes in that version. For information on IP update releases up to v18.1, refer to the *Intel® Quartus® Prime Design Suite Update Release Notes*.

IP versions are the same as the Intel Quartus Prime Design Suite software versions up to v19.1. From Intel Quartus Prime Design Suite software version 19.2 or later, IP cores have a new IP versioning scheme.

The IP version (X.Y.Z) number may change from one Intel Quartus Prime software version to another. A change in:

- X indicates a major revision of the IP. If you update your 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

- [Intel Quartus Prime Design Suite Update Release Notes](#)
- [Variable Precision DSP Blocks User Guide](#)

Native Floating Point DSP Intel Stratix® 10 FPGA IP v19.1.0

Table 1. v19.1.0 2020.09.28

Intel Quartus Prime Version	Description	Impact
20.3	Added "X" propagation support in simulation model.	—

Native Floating Point DSP Intel Stratix 10 FPGA IP Core v18.0

Table 2. v18.0 May 2018

Description	Impact
Renamed Stratix 10 Native Floating Point IP core to Native Floating Point DSP Intel Stratix 10 FPGA IP as per Intel rebranding.	—

Related Information

- [Introduction to Intel FPGA IP Cores](#)
- [Intel Stratix® 10 Variable Precision DSP Blocks User Guide](#)

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- [Errata for other IP cores in the Knowledge Base](#)

Stratix 10 Native Floating Point IP Core v17.1

Table 3. v17.1 November 2017

Description	Impact
Initial release. This IP is available only in Intel Stratix® 10 devices.	—

Related Information

- [Introduction to Intel FPGA IP Cores](#)
- [Intel Stratix 10 Variable Precision DSP Blocks User Guide](#)
- [Errata for other IP cores in the Knowledge Base](#)

Intel Stratix 10 Variable Precision DSP Blocks User Guide Document Archives

If the table does not list a software version, the user guide for the previous software version applies.

Intel Quartus Prime Version	User Guide
19.3	Intel Stratix 10 Variable Precision DSP Blocks User Guide
18.1	Intel Stratix 10 Variable Precision DSP Blocks User Guide
17.1	Intel Stratix 10 Variable Precision DSP Blocks User Guide