



CUSTOMER ADVISORY

ADV2115

Intel® Stratix® 10 Device Datasheet Updates

Description:

Intel® is notifying customers of important updates to the Intel® Stratix® 10 Device Datasheet. Here is the most recent list of updates to the Intel Stratix 10 device datasheet:

- Added specifications for 1SG065 and 1SX065 devices. Removed the note that mentioned about specifications for 1SG065 and 1SX065 devices will be available in a future release.
- Updated the Recommended Operating Conditions for Intel Stratix 10 Devices table.
 - Updated the extended grade minimum T_J specifications for Intel Stratix 10 GX 10M device.
 - Added clarity for the industrial grade minimum T_J specifications.
- Updated the General Configuration Timing Diagram.
- Updated the AS Timing Parameters for Intel Stratix 10 Devices table.
 - Updated T_{clk} , T_{dcfrs} , T_{dcslst} , T_{ext_delay} , and T_{dcsb2b} specifications.
 - Removed footnote for T_{dcfrs} and T_{dcslst} specifications.
 - Updated the footnote on AS_CLK frequency for T_{ext_delay} parameter

The Intel Stratix 10 device datasheet can be found here:

https://www.intel.com/content/dam/www/programmable/us/en/pdfs/literature/hb/stratix-10/s10_datasheet.pdf

Recommended Actions:

Customers are requested to review the changes and determine the impact on their designs. Refer to the revision history of the datasheet for a complete list and history of updates.

For questions or support, please contact your local Sales representative, or submit a question or request at the My Intel support page, log-in via:

<https://www.intel.com/content/www/us/en/my-intel/fpga-sign-in.html>

Products Affected:

All Intel Stratix 10 Devices.

The list of affected part numbers (OPNs) can be downloaded in Excel form:

<https://www.intel.com/content/dam/www/programmable/us/en/pdfs/literature/pcn/adv2115-opn-list.xlsx>

Change Implementation:

Table 1

Milestone	Availability
Availability of Intel Stratix 10 Device Datasheet update	Now

Contact:

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<https://www.intel.com/content/www/us/en/my-intel/fpga-sign-in.html>

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<https://www.intel.com/content/www/us/en/programmable/my-intel/mal-emailsub/technical-updates.html>

Revision History

Date	Rev	Description
05/28/2021	1.0.0	Initial Release

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