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Product Change Notification

Change Notification #:	**118301 - 00**
Change Title:	**Intel® Stratix® 10 devices,**
	PCN 118301-00, Documentation,
	Datasheet Update
Date of Publication:	**June 3, 2021**

Key Characteristics of the Change:

Documentation

Forecasted Key Milestones:

Availability of Intel Stratix 10 Device Datasheet update	Now

Description of Change to the Customer:

This is the same change described in ADV2115 issued on May 28, 2021.

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_{dcsfrs}, T_{dcslst}, T_{ext_delay}, and T_{dcsb2b} specifications.
  - Removed footnote for T_{dcsfrs} 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

Customer Impact of Change and Recommended Action:

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 / Intel Ordering Codes:

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

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
June 3, 2021	00	Originally Published PCN

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Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location listed below. No response from customers will be deemed as acceptance of the change and the change will be implemented pursuant to the key milestones set forth in this attached PCN.

Americas Contact: asmo.pcn@intel.com
Asia Pacific/PRC Contact: apacgccb@intel.com
Europe Email: eccb@intel.com
Japan Email: jccb.ijkk@intel.com