



# Product Change Notification

**Change Notification #:** 118870-00  
**Change Title:** Select Intel® Stratix® 10 devices, PCN 118870-00, Documentation, Datasheet Update  
**Date of Publication:** January 24, 2022

## Key Characteristics of the Change:

Documentation

## Forecasted Key Milestones:

Availability of Intel® Stratix® 10 Device Datasheet Update	Now
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## Description of Change to the Customer:

This is the same change described in ADV2201 issued on January 14, 2022.

Intel is notifying customers of important updates to the Intel® Stratix® 10 Device Datasheet.

Below are the most recent updates to the Intel Stratix 10 device datasheet.

- Update 1: Affects Stratix 10 L- and H- tile part numbers.  
  
Updated the Maximum peak-to-peak differential input voltage VID (diff p-p) specifications in Table 51 (L-Tile Receiver Specifications) and Table 62 (H-tile Receiver Specifications).
- Update 2: Affects Stratix 10 Smart VID industrial grade part numbers and Stratix 10 fixed voltage part numbers.

For selected Stratix 10-part numbers, the Simple Quad Port Memory will not be supported. Refer to Table 31 (Memory Block Performance Specifications for Intel Stratix 10 Devices).

If customer has used Simple Quad Port memory in their design, Intel® Quartus® Prime Software Suite version 21.4 and later will report an Error saying, “Found Simple Quad Port memory in your design, this feature is no longer supported in the selected device”.

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](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 change and determine the impact on their designs. Refer to the revision history of the datasheet for a complete list and history of updates.

For question 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:**

This notification is sent to customers of Intel® Stratix® 10 devices to ensure access to the latest version of the Intel Stratix 10 datasheet.

However, the datasheet updates only apply to selected Intel® Stratix® 10 part numbers.

Please see the notes columns in the list of affected products (link below) to determine the specific part numbers where the updates apply.

**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/adv2201-opn-list.xlsx>

## **PCN Revision History:**

**Date of Revision:**

January 24, 2022

**Revision Number:**

00

**Reason:**

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](mailto:asmo.pcn@intel.com)

**Asia Pacific/PRC Contact:** [apacgccb@intel.com](mailto:apacgccb@intel.com)

**Europe Email:** [eccb@intel.com](mailto:eccb@intel.com)

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