



Product Change Notification

Change Notification #: 118528 - 00
Change Title: Select Intel® Stratix® 10 devices,
PCN 118528-00, Software,
Intel® Quartus® Prime Pro Software Update
Date of Publication: October 1, 2021

Key Characteristics of the Change:

Software

Forecasted Key Milestones:

Availability of Software Update:	Now
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Description of Change to the Customer:

This is the same change described in ADV2134 issued on September 24, 2021.

Intel is notifying customers of an important update to Intel® Quartus® Prime Pro edition software version 20.1 and later.

Table 1

Update Details	KDB Article link
<ul style="list-style-type: none">• Due to a problem in the Intel® Quartus® Prime Pro Edition software versions 20.1 and later, you may see hardware failures when using the Intel® Stratix® 10 device 10GBASE-KR PHY IP core.• This problem is because of incorrect timing constraints in the auto generated Intel® Stratix® 10 10GBASE-KR PHY IP core Synopsys Design Constraint (SDC) file.• This problem is scheduled to be fixed in a future release of the Intel® Quartus® Prime Pro Edition software.• For further details, recommended actions, and patch links, refer to the Knowledge Base (KDB) link.	Why do I see functional errors in hardware when using the Intel® Stratix® 10 10GBASE-KR PHY IP core?

Customer Impact of Change and Recommended Action:

Customers are requested to review the changes and determine the impact on their designs. Refer to the relevant KDB link in Table 1.

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:

- Intel® Stratix® 10 GX L/H Tile device
- Intel® Stratix® 10 SX L/H Tile device
- Intel® Stratix® 10 MX L/H Tile device
- Intel® Stratix® 10 NX L/H Tile device
- Intel® Stratix® 10 TX L/H Tile device

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/adv2134-opn-list.xlsx>

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
October 01, 2021	00	Originally Published PCN



Product Change Notification

118528-00

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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.

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