



# Product Change Notification

**Change Notification #:** 118336 - 00  
**Change Title:** Select Intel® Stratix® 10 devices, PCN 118336-00, Documentation, Pin-out Document Update  
**Date of Publication:** June 22, 2021

## Key Characteristics of the Change:

Documentation

## Forecasted Key Milestones:

Availability of Intel® Stratix® 10 1ST165 Device Family Pin-out Guidelines Update	Now
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## Description of Change to the Customer:

This is the same change described in ADV2121 issued on June 18, 2021.

Intel is notifying customers of an update on revision history of pin-out document for Intel® Stratix® 10 1ST165 Devices. This is regarding a change made in 2020 which wasn't reflected in the revision history at that time.

Device migration will not be successful for the following when solely dependent on outdated Intel 1ST165 pinout file revision history.

- Migration from 1ST165 to 1ST085/1ST110
- Migration from 1ST165 to 1ST250/1ST280

Refer to the following KDB for technical details related to this change: [https://www.intel.com/content/altera-www/global/en\\_us/index/support/support-resources/knowledge-base/tools/2021/why-do-9-nc-pins-change-to-power-pins-in-the-pin-information-for.html](https://www.intel.com/content/altera-www/global/en_us/index/support/support-resources/knowledge-base/tools/2021/why-do-9-nc-pins-change-to-power-pins-in-the-pin-information-for.html)

Refer to the following link for Stratix® 10 1ST165 pin out document:

<https://www.intel.com/content/dam/www/programmable/us/en/pdfs/literature/dp/stratix-10/1st165.pdf>

## Customer Impact of Change and Recommended Action:

If you are not considering device migration, no action required, NC or VCC can be used. If you are targeting device migration on the same board, ensure you use the latest pinout by changing 9 NC pins to power pins. For more details refer to the KDB.

For more information, 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 1ST165 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/adv2121-opn-list.xlsx>

## PCN Revision History:

<b>Date of Revision:</b>	<b>Revision Number:</b>	<b>Reason:</b>
June 22, 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.**

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