



# CUSTOMER ADVISORY

## ADV2121

### Intel® Stratix® 10 Device Family Pin-out Document Update

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#### Description:

Intel® is notifying customers of an update on revision history of pin-out document for Intel® Stratix® 10 1ST165 Device. 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Device migration will not be successful for the following when solely dependent on outdated Intel 1ST165 pinout file revision history.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>

#### 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.

## Products Affected:

Intel Stratix 10 IST165 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>

## Change Implementation:

**Table 1:**

Milestones	Availability
Availability of Intel® Stratix® 10 IST165 Device Family Pin-out Guidelines Update	Now

## Contact:

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>

## Customer Notifications Subscription:

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To 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>

## Revision History:

Date	Rev	Description
06/18/2021	1.0.0	Initial Release

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