



# Product Change Notification

**Change Notification #:** 118909-00  
**Change Title:** Select Intel® Arria® 10 devices,  
PCN 118909-00, Documentation,  
Datasheet Update  
**Date of Publication:** February 22, 2022

## Key Characteristics of the Change:

Documentation

## Forecasted Key Milestones:

<b>Date Customer Must be Ready to Receive Post-Conversion Material</b>	February 22, 2022
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## Description of Change to the Customer:

This is the same change described in ADV2202 issued on February 18, 2022.

Intel is notifying customers of important updates to the Intel® Arria® 10 Device Datasheet. Please note that there is no change to the design of the device.

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

- Added ambient and junction temperature of  $-55^{\circ}\text{C}$  for Military devices in Table 3 of page 9-10
- Added link to tech brief for operating junction temperature of military devices in Table 3 of page 9-10
- Removed the note “If VO = VCCIO to VCCIO MAX, 300  $\mu\text{A}$  of leakage current per I/O is expected” in Table 7 of page 14
- Removed HIO for RSDS and Mini-LVDS in Table 19 of page 24
- For VICM (AC and DC coupled), Update condition Vcm :0.65V, 0.7V, 0.75V to VCCR\_GXB: 0.95V, 1.03V, 1.12V in Table 33 of page 32
- Removed timing diagram in figure 2 of page 49
- Add footnote for maximum data transition in Table 48 of page 50
- Updated uncompressed configuration bit stream size & IOCSR bit stream size in Table 85 of page 91
- Update Active Serial & Fast Passive Parallel Minimum configuration time in Table 86 of page 92-93

You can download the updated Intel Arria 10 Device Datasheet Here:

<https://www.intel.com/content/www/us/en/docs/programmable/683771/current/device-datasheet.html>

## 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:

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/adv2202-opn-list.xlsx>

## PCN Revision History:

<b>Date of Revision:</b>	<b>Revision Number:</b>	<b>Reason:</b>
February 22, 2022	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](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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