



CUSTOMER ADVISORY

ADV2202

Intel® Arria® 10 Device Datasheet Update

Description:

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°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 $V_{O} = V_{CCIO}$ to $V_{CCIO\text{MAX}}$, 300 μA 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 V_{cm} : 0.65V, 0.7V, 0.75V to V_{CCR_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

Please review the revision history at the end of the datasheet document for the complete list of changes

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>

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:

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>

Change Implementation:

Table 1:

Milestones	Availability
Availability of Intel® Arria® 10 Device Datasheet Update	Now

Contact:

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