



Product Change Notification

Change Notification #: 118153 - 00
Change Title: Cyclone® V and Arria® V Devices,
PCN 118153-00, Product Design,
Pin Connection Guidelines Update
Date of Publication: March 23, 2021

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Table 1

Milestone	Availability
Availability of Cyclone V Device Family Pin Connection Guidelines Update	Now
Availability of Arria V GT, GX, ST, and SX Device Family Pin Connection Guidelines Update	Now

Description of Change to the Customer:

This is the same change described in ADV2106 issued on March 19, 2021.

Intel® is notifying customers of an update to the following documents:

- Cyclone® V Device Family Pin Connection Guidelines
- Arria® V GT, GX, ST, and SX Device Family Pin Connection Guidelines

Here are the updates listed in the Cyclone V Device Family Pin Connection Guidelines –

- Updated Connection Guidelines for SDMMC_D3
- Updated Figures 2, 7, and 8

Here is the update listed in the Arria V GT, GX, ST, and SX Device Family Pin Connection Guidelines –

- Updated Connection Guidelines for SDMMC_D3

The updated Cyclone V Device Family Pin Connection Guidelines can be found here:

<https://www.intel.com/content/dam/www/programmable/us/en/pdfs/literature/dp/cyclone-v/pcg-01014.pdf>

The updated Arria V GT, GX, ST, and SX Device Family Pin Connection Guidelines can be found here:

<https://www.intel.com/content/dam/www/programmable/us/en/pdfs/literature/dp/arria-v/pcg-01013.pdf>

Reason for Change:

Addition and clarification of certain device specifications based on latest available data and characterization. There is no change to Cyclone V device and Arria V device silicon and materials.

Customer Impact of Change and Recommended Action:

Customers are requested to take note of the changes and determine the impact on their designs.

For questions or support, please contact your local Field Applications Engineer (FAE), 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:

All Cyclone V devices and Arria V GT, GX, ST, and SX 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/adv2106-opn-list.xlsx>

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
March 23, 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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