



# Product Change Notification

**Change Notification #:** 118910-00  
**Change Title:** Select Intel® Cyclone® 10 GX devices,  
PCN 118910-00, Documentation,  
Datasheet Update  
**Date of Publication:** February 22, 2022

## Key Characteristics of the Change:

Documentation

## Forecasted Key Milestones:

|   |     |
|---|-----|
| Availability of Intel® Cyclone® 10 GX Device Datasheet Update | Now |
|---|-----|

## Description of Change to the Customer:

This is the same change described in ADV2203 issued on February 18, 2022.

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

Below are the most recent updates to the Intel Cyclone 10 GX device datasheet.

- Removed condition 1.8V, 1.2V for Vccbat in Table 3 of page 8
- Removed the note “If VO = VCCIO to VCCIOMAX, 300 µA of leakage current per I/O is expected” of Table 5 of page11
- Removed HIO for RSDS and Mini-LVDS in Table 17 of page20
- Updated the receiver voltage input range 0.1 to 1.625 V for optimized Mini-LVDS receiver performance, page20
- Removed timing diagram in figure 2 of page39
- Added footnote for maximum data transition in Table 38 of page 39
- Removed tR,tF in Table 49 of page 48
- Updated uncompressed configuration bit stream size & IOCSR bit stream in Table 54 of page 53
- Removed tCF2CD (min):480ns, tCF2ST0(min):320ns in Table 48 of page46, Table 49 of page 48, Table 52 of page50
- Updated Active Serial & Fast Passive Parallel Minimum configuration time in Table 55 of page 54

You can find the updated Intel Cyclone 10 GX Device Datasheet Here:

<https://www.intel.com/content/www/us/en/docs/programmable/683828/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/adv2203-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.**

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