



Product Change Notification

Change Notification #: 119338-00

Change Title: Select Intel® Agilex™ Devices,
PCN 119338-00, Product Design,
Minor Substrate Change

Date of Publication: November 14, 2022

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Last date to acknowledge receipt of this notification ¹	November 30, 2022
Earliest change implementation	January 30, 2023

Note 1: J-STD-046, section 3.2.3.1b, stipulates that lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.

Description of Change to the Customer:

This is the same change described in PCN2226 issued on October 28, 2022.

Intel is announcing a minor change to the substrate routing related to the unconnected Advanced Interface Bus (AIB) for selected Intel Agilex™ devices. The rest of the Bill of Material (BOM) remains the same.

Reason for Change:

Continuous improvement on production test coverage of unconnected Advanced Interface Bus (AIB).

Qualification Testing:

Package design review data indicated no significant impact to performance and reliability. Electrical verification tests were successfully completed to evaluate effectiveness of the change. ESD Charge Device Model test was also performed to ensure no impact to the ESD CDM threshold. (See Table 4)

Table 4: ESD CDM Results

Test	Conditions	# of Lots/ # of units	Result
ESD Charged Device Model (CDM)	+/- 250V	3 Lots/9 units	0 failures/Pass
	+/-350V	3 Lots/3 units	

Customer Impact of Change and Recommended Action:

There is no impact to form, fit, and function. The products will meet existing electrical and mechanical specifications.

Customers are requested to:

1. Acknowledge receipt of this notification.
2. Review and inform us, at the earliest convenience, of any questions or concerns regarding this change.

Upon implementation, Intel will ship either pre-change or post-change materials.

For more information, please contact Sales in your region, or submit a Service Request at the [My Intel](#) support page.

Products Affected/Intel Ordering Codes:

Product Family	Pin Count
Intel® Agilex™ F-Series 022/027	F2581A
Intel® Agilex™ F-Series 019/023	F2581A

The list of affected part numbers (OPNs) can be downloaded in Excel form:

<https://cdrdv2.intel.com/v1/dl/getContent/751566>

PCN Revision History:

Date of Revision:

November 14, 2022

Revision Number:

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Reason:

Originally Published PCN



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No response from customers will be deemed an acceptance of the change, and the change will be implemented pursuant to the key milestones set forth in this attached PCN.

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.

Americas Contact: asmo.pcn@intel.com

Asia Pacific/PRC Contact: apacgccb@intel.com

Europe Email: eccb@intel.com

Japan Email: jccb.ijkk@intel.com