



Product Change Notification

Change Notification #: 119364-00

Change Title: Intel® Optane™ SSD DC P5800X Series,
PCN 119364-00, Product Material,
Component Removal & 2nd Source Component

Date of Publication: December 02, 2022

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material	February 17, 2023
--	-------------------

Description of Change to the Customer:

The Intel SKUs listed in the products affected table will have the following changes:

- Removal of the Comparator chip. The Intel® Optane™ SSD P5800X has this one un-used component in assembly. This component is not in use by the device and firmware. Intel has implemented comparator removal on P5810X and achieved successful product launch. Also, this component is supply constrained and therefore a candidate for removal.
- 2nd source eFuse to be added to P5800X assembly list to improve the supply flexibility. eFuse is for Inrush control: Host over current and short circuit protection.

Customer Impact of Change and Recommended Action:

Intel will attempt to deplete pre-conversion material before shipping post-conversion material but there is a possibility of Intel shipping mixed inventory. Therefore, customers will need to manage and migrate to the post-conversion material as soon as possible.

Intel risk assessment for Comparator removal is low:

- No impact to thermal and mechanical testing as this is small IC removed
- ESD/EMI low risk as this is very slow speed signal and signal not accessed by host.

Intel risk assessment for 2nd source component is low:

- Electrical validation, ESD/EMI test passed
- No product specification will be impacted

Based on Intel RDT test results, no further qualification is required. The product meets AFR target.

Milestone dates are estimates and subject to change based on business and operational conditions

Please contact your local Intel Field Sales Rep if you have any further questions about these changes.

Products Affected/Intel Ordering Codes:

Marketing Name	Product Code	MM#
Intel® Optane™ SSD DC P5800X Series (400GB, 2.5in PCIe x4, 3D XPoint™) Generic Single Pack	SSDPF21Q400GB07	99AP7V
Intel® Optane™ SSD DC P5800X Series (800GB, 2.5in PCIe x4, 3D XPoint™) Generic Single Pack	SSDPF21Q800GB07	99AP7W
Intel® Optane™ SSD DC P5800X Series (1.6TB, 2.5in PCIe x4, 3D XPoint™) Generic Single Pack	SSDPF21Q016TB07	99AP7X

PCN Revision History:

Date of Revision:

December 02, 2022

Revision Number:

00

Reason:

Originally Published PCN



Product Change Notification

119364-00

Notices & Disclaimers

No license (express or implied, by estoppel or otherwise) to any intellectual property rights is granted by this document.

Intel disclaims all express and implied warranties, including without limitation, the implied warranties of merchantability, fitness for a particular purpose, and non-infringement, as well as any warranty arising from course of performance, course of dealing, or usage in trade, except as provided in a separate written agreement.

You may not use or facilitate the use of this document in connection with any infringement or other legal analysis concerning Intel products described herein. You agree to grant Intel a non-exclusive, royalty-free license to any patent claim thereafter drafted which includes the subject matter disclosed herein.

The products described may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

Statements in this document that refer to future plans or expectations are forward-looking statements. These statements are based on current expectations and involve many risks and uncertainties that could cause actual results to differ materially from those expressed or implied in such statements. For more information on the factors that could cause actual results to differ materially, see our most recent earnings release and SEC filings at www.intc.com.

Customer is responsible for safety of the overall system, including compliance with applicable safety-related requirements or standards.

Intel technologies may require enabled hardware, software or service activation.

No product or component can be absolutely secure.

Your costs and results may vary.

©Intel Corporation. Intel, the Intel logo, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.

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