



# Product Change Notification

**Change Notification #:** 119352-00

**Change Title:** Intel® Optane™ SSD DC P5800X Series,  
PCN 119352-00, Product Design, Product Material,  
Firmware Update, Component Removal & 2nd  
Source Component

**Date of Publication:** December 02, 2022

## Key Characteristics of the Change:

Product Design, Product Material

## Forecasted Key Milestones:

<b>Date Customer Must be Ready to Receive Post-Conversion Material</b>	February 17, 2023
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## Description of Change to the Customer:

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

- The firmware version is being updated from L0310200(400GB/800GB/1.6TB) and L0310400(3.2TB) to L0310600. The changes in the new firmware version are incremental improvements from previous version. Inventory will transition in the Intel factory on or beyond the above date to replace older firmware version with the latest version.
- 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:

For firmware changes, because the firmware update has incremental improvement over the previous version, Intel anticipates no product impact with this firmware, and re-qualification is not recommended.

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 2<sup>nd</sup> 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#	Pre Change TA	Pre Change SA	Post Change TA	Post Change SA
Intel® Optane™ SSD DC P5800X Series (400GB, 2.5in PCIe x4, 3D XPoint™) 15mm Generic Single Pack	SSDPF21Q400GB01	99A6PN	M20175-001	M20189-001	M20175-002	M20189-002
Intel® Optane™ SSD DC P5800X Series (800GB, 2.5in PCIe x4, 3D XPoint™) 15mm Generic Single Pack	SSDPF21Q800GB01	99A6PT	M20177-001	M20191-001	M20177-002	M20191-002
Intel® Optane™ SSD DC P5800X Series (1.6TB, 2.5in PCIe x4, 3D XPoint™) 15mm Generic Single Pack	SSDPF21Q016TB01	99A6PV	M20178-001	M20192-001	M20178-002	M20192-002
Intel® Optane™ SSD DC P5800X Series (3.2TB, 2.5in PCIe x4, 3D XPoint™) Generic Single Pack	SSDPF21Q032TB01	99AK5A	M42862-000	M42863-000	M42862-001	M42863-001

### PCN Revision History:

**Date of Revision:**

December 02, 2022

**Revision Number:**

00

**Reason:**

Originally Published PCN



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## 119352-00

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

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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.

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