



Product Change Notification

Change Notification #: 118352-00
Change Title: Select Intel® SSD DC P4610 Series and Intel® SSD DC P4510 Series, PCN 118352-00, Order Code, Product Material Alternative source 1TB and 4TB U.2 Intel® SSD DC P4510 Series and 3.2TB U.2 Intel® SSD DC P4610 Series Products with second source Voltage Regulator
Date of Publication: June 27, 2021

Key Characteristics of the Change:

Order Code, Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	July 12, 2021
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Description of Change to the Customer:

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

New SKUs added to select P4510 & P4610 U.2 SSDs containing an alternative voltage regulator circuit. Alternative 1TB and 4TB U.2 Intel® SSD DC P4510 Series and 3.2TB U.2 Intel® SSD DC P4610 products will be offered.

To provide increased mitigation for a shortage of Intel® SSD DC P4510 Series and Intel® SSD DC P4610 Series SKUs due to a Texas Instruments (TI) voltage regulator supply shortage, Intel is adding a select number of alternative SKU options. These alternative SKUs use a voltage regulator from Monolithic Power Systems (MPS) that Intel has used in other SSD products. Alternative 1TB and 4TB U.2 Intel® SSD DC P4510 Series and 3.2TB U.2 Intel® SSD DC P4610 products will be offered.

The specific changes for these alternative solutions are:

1. Isolated change to the PCB to align to the MPS voltage regulator
2. MPS voltage regulator
3. 5 new passive components to adjust to MPS and
4. new MM# and Intel Product Code for Intel manufacturing tracking.

Customer Impact of Change and Recommended Action:

Intel views these alternative SSDs as low risk to be used in solutions using the current Intel P4510 and Intel P4610 SSDs. The alternative MPS voltage regulator solution is currently widely in use by other Intel solutions, including the Intel® SSD DC P4510 E.1L 15.36TB product, and our current 144L NAND based SSD solutions. Intel is ensuring adequate validation of the alternative solutions for enhanced customer support and confidence.

This alternative voltage regulator solution is already widely used in production on other Intel SSD products and overall change risk seen as low.

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	Current Product Code with TI part	Current MM# with TI part	New Product Code with MPS part	New MM# with MPS part
Intel® SSD DC P4510 Series (1.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KX010T801	959391	SSDPE2KX010T807	99AKZN
Intel® SSD DC P4510 Series (1.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack	SSDPE2KX010T810	959392	SSDPE2KX010T81V	99AKZP
Intel® SSD DC P4510 Series (4.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KX040T801	959395	SSDPE2KX040T807	99AKZR
Intel® SSD DC P4610 Series (3.2TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KE032T801	978084	SSDPE2KE032T807	99AKZV

PCN Revision History:

Date of Revision:

June 27, 2021

Revision Number:

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Reason:

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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