



Product Change Notification

Change Notification #: 119095-00
Change Title: Select Intel® SSD D7-P5520 Series SKUs,
PCN 119095-00, Product Material,
Alternate source component update
Date of Publication: June 14, 2022

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material	September 12, 2022
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Description of Change to the Customer:

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

To provide increased mitigation for a shortage of Intel® SSD D7 P5520 Series SKUs. Intel is adding an alternative 1.92TB SKU option. This alternative SKU supports voltage regulators from both Texas Instruments (TI) and Monolithic Power Systems (MPS) that Intel has used in other SSD products. Customers now receive the alternative 1.92TB SKU supporting both TI and MPS voltage regulators.

The specific changes for this alternative solution are:

1. Isolated change to the PCB to align to the dual source voltage regulator support
2. MPS voltage regulator
3. 6 new passive components
4. New MM# and Product Code for Intel manufacturing tracking (See Products Affected Table)

The new SKU will be adding the following alternate components:

Component	Current Source Manufacturer (Part Number)	Alternate Source Manufacturer (Part Number)
MOSFET	On Semi (J90271-001)	AOS (H79742-001)
MOSFET	Nexperia (H75826-001)	Toshiba (M67972-001)
	Diodes (K41819-001)	
MOSFET	Toshiba (K54006-001)	Nexperia (M77415-001)
	Diodes (H95739-001)	
MOSFET	Diodes (J24826-001)	Cystek (M80996-001)
Circuit Protection Diode	On Semi (E76666-001)	Nexperia (M70252-001)
Diode Array Schottky	On Semi (J82424-001)	Panjit (M74156-001)
	On Semi (E11457-001)	
eFuse – Voltage Protection	TI (K60448-002)	Silergy (M75765-001)
Voltage Regulator (New PCB)	TI (J80186-001)	MPS (M47753-002)

Customer Impact of Change and Recommended Action:

Intel anticipates no impact to customers.

The alternative MPS voltage regulator solution is currently widely in use by Intel 144L NAND based SSD solutions, like the Intel® SSD D7 P5510 Series. Intel is ensuring adequate validation of the alternative solutions for enhanced customer support and confidence. 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	Current MM#	New Product Code	New MM#
Intel® SSD D7-P5520 Series (1.92TB, 2.5in PCIe 4.0 x4, 3D4, TLC) Generic No OPAL Single Pack	SSDPF2KX019T1N1	99AH2L	SSDPF2KX019T1M1	99AZM7

PCN Revision History:

Date of Revision:

June 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.

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