



Product Change Notification

Change Notification #: 118747-00
Change Title: Select Intel® SSD DC P4510 Series, Intel® SSD DC P4610 Series, Intel® SSD D5-P4326 Series, and Intel® SSD D5-P4320 Series PCN 118747-00, Product Material, Add alternate components
Date of Publication: December 09, 2021

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material	February 09, 2022
---	-------------------

Description of Change to the Customer:

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

Change Summary: Add 4 IC as 2nd source

Type	Use Case	Current Component(s)	Alternate Component(s)
Circuit Protection Diode	3.3V Aux	Diodes, Inc./ON Semi (G24376-001)	Nexperia (M59419-001)
MOSFET	Reverse current protection	ON Semi (G58136-001)	ON Semi (M61655-001)
MOSFET	VPP_NF logic FET & LED Switch	ON Semi (E76744-001)	Toshiba (M58901-001)
		Diodes, Inc. (J50494-001)	
Voltage Regulator	N/A	MPS (J78028-001)	MPS (J78028-002) *

*The alternate MPS voltage regulator (IPN: J78028-002) is a document-up version of the current MPS V-Reg (IPN: J78028-001); the only spec difference is the reverse current spec, which does not affect the component in its current use case in Intel® SSDs. Per NPSG policy, a new IPN is required for the “rev-up” part and the part is included in this PCN.

Customer Impact of Change and Recommended Action:

Intel anticipates no impact to customers.

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® SSD DC P4510 Series (1.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KX010T801	959391
Intel® SSD DC P4510 Series (1.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack	SSDPE2KX010T810	959392
Intel® SSD DC P4510 Series (2.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KX020T801	959393
Intel® SSD DC P4510 Series (2.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack	SSDPE2KX020T810	959394
Intel® SSD DC P4510 Series (4.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KX040T801	959395
Intel® SSD DC P4510 Series (4.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack	SSDPE2KX040T810	959396
Intel® SSD DC P4510 Series (8.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KX080T801	959397
Intel® SSD DC P4510 Series (8.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack	SSDPE2KX080T810	959398
Intel® SSD DC P4610 Series (7.6TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KE076T801	963520
Intel® SSD DC P4610 Series (1.6TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KE016T801	978083
Intel® SSD DC P4610 Series (3.2TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KE032T801	978084
Intel® SSD DC P4610 Series (6.4TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KE064T801	978085
Intel® SSD D5-P4320 Series (7.68TB, 2.5in, PCIe 3.1 x4, 3D2, QLC) Generic Single Pack	SSDPE2NV076T801	979157
Intel® SSD D5-P4320 Series (7.68TB, 2.5in, PCIe 3.1 x4, 3D2, QLC) Generic 10 Pack	SSDPE2NV076T810	979158
Intel® SSD D5-P4326 Series (15.3TB, 2.5in PCIe 3.1 x4, 3D2, QLC) Generic Single Pack	SSDPE2NV153T801	979184
Intel® SSD D5-P4326 Series (15.3TB, 2.5in PCIe 3.1 x4, 3D2, QLC) Generic 10 Pack	SSDPE2NV153T810	979185
Intel® SSD D5-P4326 Series (15.36TB, E1.L 9.5mm, PCIe 3.1 x4, 3D2, QLC) Generic Single Pack	SSDPEWNV153T801	980943
Intel® SSD D5-P4326 Series (15.36TB, E1.L 9.5mm, PCIe 3.1 x4, 3D2, QLC) Generic 10 Pack	SSDPEWNV153T810	980944
Intel® SSD D5-P4326 Series (15.36TB, E1.L 18mm PCIe 3.1 x4, 3D2, QLC) Generic Single Pack	SSDPEXNV153T801	980945
Intel® SSD DC P4510 Series (1.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack OPAL	SSDPE2KX010T8OS	984815
Intel® SSD DC P4510 Series (1.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack OPAL	SSDPE2KX010T8OP	984816
Intel® SSD DC P4510 Series (2.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack OPAL	SSDPE2KX020T8OS	984817
Intel® SSD DC P4510 Series (2.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack OPAL	SSDPE2KX020T8OP	984818
Intel® SSD DC P4510 Series (4.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack OPAL	SSDPE2KX040T8OS	984819

Intel® SSD DC P4510 Series (4.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack OPAL	SSDPE2KX040T8OP	984820
Intel® SSD DC P4610 Series (1.6TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack OPAL	SSDPE2KE016T8OS	984821
Intel® SSD DC P4610 Series (1.6TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack OPAL	SSDPE2KE016T8OP	984822
Intel® SSD DC P4610 Series (3.2TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack OPAL	SSDPE2KE032T8OS	984823
Intel® SSD DC P4610 Series (3.2TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack OPAL	SSDPE2KE032T8OP	984824
Intel® SSD DC P4510 Series (8.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack OPAL	SSDPE2KX080T8OS	986512
Intel® SSD DC P4510 Series (8.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack OPAL	SSDPE2KX080T8OP	986513
Intel® SSD D5-P4420 Series (7.68TB, 2.5in, PCIe 3.1 x4, 3D2, QLC) Generic Single Pack	SSDPE2NU076T801	999DXN
Intel® SSD DC P4510 Series (15.3TB, EDSFF L 18mm PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPEXKX153T801	999JHN
Intel® SSD DC P4510 Series (15.3TB, EDSFF L 9.5mm PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPEWKX153T801	999JJ2
Intel® SSD DC P4510 Series (15.3TB, EDSFF L 9.5mm PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPEWKX153T810	999JJ3
Intel® SSD DC P4510 Series (1.9TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack	SSDPE2KX019T810	99A9RV
Intel® SSD DC P4510 Series (3.8TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic 10 Pack	SSDPE2KX038T810	99A9RW
Intel® SSD DC P4510 Series (1.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KX010T807	99AKZN
Intel® SSD DC P4510 Series (1.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) VROC Bundle 10 Pack	SSDPE2KX010T81V	99AKZP
Intel® SSD DC P4510 Series (4.0TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KX040T807	99AKZR
Intel® SSD DC P4610 Series (3.2TB, 2.5in PCIe 3.1 x4, 3D2, TLC) Generic Single Pack	SSDPE2KE032T807	99AKZV

PCN Revision History:

Date of Revision:

December 09, 2021

Revision Number:

00

Reason:

Originally Published PCN



Product Change Notification

118747-00

INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

A "Mission Critical Application" is any application in which failure of the Intel Product could result, directly or indirectly, in personal injury or death. SHOULD YOU PURCHASE OR USE INTEL'S PRODUCTS FOR ANY SUCH MISSION CRITICAL APPLICATION, YOU SHALL INDEMNIFY AND HOLD INTEL AND ITS SUBSIDIARIES, SUBCONTRACTORS AND AFFILIATES, AND THE DIRECTORS, OFFICERS, AND EMPLOYEES OF EACH, HARMLESS AGAINST ALL CLAIMS COSTS, DAMAGES, AND EXPENSES AND REASONABLE ATTORNEYS' FEES ARISING OUT OF, DIRECTLY OR INDIRECTLY, ANY CLAIM OF PRODUCT LIABILITY, PERSONAL INJURY, OR DEATH ARISING IN ANY WAY OUT OF SUCH MISSION CRITICAL APPLICATION, WHETHER OR NOT INTEL OR ITS SUBCONTRACTOR WAS NEGLIGENT IN THE DESIGN, MANUFACTURE, OR WARNING OF THE INTEL PRODUCT OR ANY OF ITS PARTS.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined". Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information.

The products described in this document 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.

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.

Americas Contact: asco.pcn@intel.com

Asia Pacific/PRC Contact: apacgccb@intel.com

Europe Email: eccb@intel.com

Japan Email: jccb.ijkk@intel.com

Copyright © Intel Corporation 2021. Other names and brands may be claimed as the property of others.

3D XPoint, Axxia, Basis, Basis Peak, BlueMoon, BunnyPeople, Celeron, Centrino, Cilk, Curie, Flexpipe, Intel, the Intel logo, Intel Atom, Intel CoFluent, Intel Core, Intel. Experience What's Inside, the Intel. Experience What's Inside logo, Intel Inside, the Intel Inside logo, Intel Insider, Intel Joule, Intel RealSense, Intel SingleDriver, Intel SpeedStep, Intel Unite, Intel vPro, Intel Xeon Phi, Intel XScale, InTru, the InTru logo, the InTru Inside logo, InTru soundmark, Iris, Itanium, MCS, MMX, Optane, Ostro, Pali, Pentium, picoArray, Picochip, picoXcell, Puma, Quark, SMARTi, Soletta, Sound Mark, StarPro, Stay With It, the Engineering Stay With It logo, StreamSight, Tarari, The Journey Inside, Thunderbolt, the Thunderbolt logo, Transcede, True Key, Ultrabook, VTune, Xeon, X-GOLD, XMM, X-PMU and XPOSYS are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries.

Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries. Java is a registered trademark of Oracle and/or its affiliates. Bluetooth is a trademark owned by its proprietor and used by Intel Corporation under license. Intel Corporation uses the Palm OS* Ready mark under license from Palm, Inc. OpenCL and the OpenCL logo are trademarks of Apple Inc. used by permission by Khronos.

Learn how to use Intel Trademarks and Brands correctly at <http://www.intel.com/intel/legal/tmusage2.htm>.