



Product Change Notification

Change Notification #: 116401 - 00
Change Title: Intel® Omni-Path Passive Copper Cable QSFP-QSFP, Cable Assemblies
PCN 116401-00, Product Discontinuance and Transition
Date of Publication: August 6, 2018

Key Characteristics of the Change:

Product Discontinuance and Transition

Forecasted Key Milestones:

Last Product Discontinuance Order Date:	November 30, 2018
Orders are Non-Cancelable and Non-Returnable After:	November 30, 2018
Last Product Discontinuance Shipment Date:	March 31, 2019
Last Spare Availability Date:	September 30, 2019
End of Service Date:	March 31, 2022

Description of Change to the Customer:

Affected Product Code	Product Description
100CQQH3005	Intel® Omni-Path Cable Passive Copper Cable QSFP-QSFP H 30AWG 0.5M 100CQQH3005
100CQQH3010	Intel® Omni-Path Cable Passive Copper Cable QSFP-QSFP H 30AWG 1.0M 100CQQH3010
100CQQH3015	Intel® Omni-Path Cable Passive Copper cable QSFP-QSFP H 30 AWG 1.5M 100CQQH3015
100CQQH2615	Intel® Omni-Path Cable Passive Copper Cable QSFP-QSFP H 26AWG 1.5M 100CQQH2615
100CQQH2620	Intel® Omni-Path Cable Passive Copper Cable QSFP-QSFP H 26AWG 2.0M 100CQQH2620
100CQQH2630	Intel® Omni-Path Cable Passive Copper Cable QSFP-QSFP H 26AWG 3.0M 100CQQH2630

Overview of Changes:

Intel is discontinuing one of our approved passive copper cables for use on Intel® Omni-Path Architecture (OPA). This action results from a change in business strategy announced by the supplier to exit the high speed cable business. Intel recommends that you transition to our other approved cable source for all QSFP 100G copper cable requirements. SKUs and alternate PNs are listed in the Products Affected/Intel Ordering Codes table below.

Refer to the Forecasted Key Milestones table shown above for key milestone dates. Existing inventory is limited and may be unavailable for additional orders after the "Last Product Discontinuance Order Date" OR as soon as current inventories are depleted. All orders will be filled on a first-come, first-served basis.

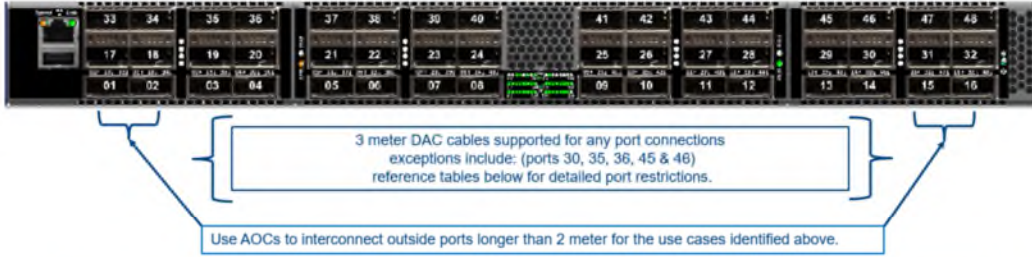
Limitations on specific port connections of the recommended 3-meter replacement cable, MM 959843, are for the following use cases:

- 48-port Edge Switch to 32-port Director Leaf Module
- 48-port Edge Switch to 48-port Edge switch

Reference **Figure 1** below for the limitations on specific port connections.

Figure 1. Interconnect Port Limitations

Interconnect port configuration limitations for the 3 meter replacement cable
100SWE48xxx to 100SWE48xxx & 100SWE48xxx to 100SWDLF32Q



Port number on source 100SWE48xxx switch	Restricted Ports on Connected 100SWE48xxx When Using 100CQQF2630 (MM 959843)	Port number on source 100SWE48xxx switch	Restricted Ports on Connected 100SWDLF32Q When Using 100CQQF2630 (MM 959843)
30	35	30	8
35	30,35,36,45,46	35	8
36	35	36	8
45	35	45	8,9
46	35,46,19	46	8,9

DAC refers to Direct Attach Copper Cable

Customer Impact of Change and Recommended Action:

Orders are Non-Cancelable and Non-Returnable after November 30, 2018.

Contact Intel® Omni-Path technical support at fabricsupport@intel.com for the recommended interconnect solutions on the above use cases or your local Intel Field Sales Representative if you have any questions about this change.

Update ordering systems to reflect new part numbers for the Intel MM#s listed in the Products Affected/Intel Ordering Codes table above to facilitate smooth transition to the new Intel MMs.

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

* Other names and brands may be claimed as the property of others.

Products Affected / Intel Ordering Codes:

Affected Product Code	Affected MM#	Recommended Replacement Product Code	Recommended Replacement MM#
100CQQH3005	947001	100CQQF3005	947013
100CQQH3010	947005	100CQQF3010	947012
100CQQH3015	952372	100CQQF3015	952162
100CQQH2615	947791	100CQQF3015	952162
100CQQH2620	947010	100CQQF3020	952163
100CQQH2630	947011	100CQQF2630	959843

PCN Revision History:

Date of Revision:

August 6, 2018

Revision Number:

00

Reason:

Originally Published PCN



Product Change Notification

116401 - 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: asmo.pcn@intel.com

Asia Pacific/PRC Contact: apagccb@intel.com

Europe Email: eccb@intel.com

Japan Email: jccb.ijkk@intel.com

Copyright © Intel Corporation 2018. 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>.