



Product Change Notification

Change Notification #: 117065 - 00
Change Title: Intel® Ethernet Converged Network Adapter X540-T1 Product Code X540T1 MM#914246,
Intel® Ethernet Converged Network Adapter X540-T1,
Product Code X540T1BLK MM#927235,
Intel® Ethernet Converged Network Adapter X540-T1, Product Code X540T1G1P5 MM#914242,
Intel® Ethernet Converged Network Adapter X540-T2 Product Code X540T2 MM#914248,
Intel® Ethernet Converged Network Adapter X540-T2 Product Code X540T2BLK MM#927245,
Intel® Ethernet Converged Network Adapter X540-T2, Product Code X540T2G1P5 MM#914244,
PCN 117065-00, Product Material, Silicon Controller Change

Date of Publication: July 29, 2019

Key Characteristics of the Change:

Product Material

Forecasted Key Milestones:

| | |
|---|-------------------|
| Date Customer Must be Ready to Receive Post-Conversion Material: | September 1, 2019 |
|---|-------------------|

Description of Change to the Customer:

The Intel® Ethernet Converged Network Adapter X540-T1 and Intel® Ethernet Converged Network Adapter X540-T2 SKUs listed in the products affected table below will be switching from the Intel® Ethernet Controller X540-BT2 to the Intel® Ethernet Controller X540-AT2. The controllers are exactly the same except typical power usage will go down from 15.8W at 10Gb to 14.3W at 10Gb. See table below.

This may result in the following changes:

| SPEED/LFM | Current Silicon (X540-BT2) | | New Silicon (X540-AT2) | |
|-----------|-------------------------------|--------|---------------------------|--------|
| | X540T2 | X540T1 | X540T2 | X540T1 |
| 10 Gbps | 15.8 | 10.5 | 14.3 | 9.4 |
| 1 Gbps | 9.8 | 7.2 | 8.7 | 6.6 |
| 100 Mbps | 7.2 | 6.1 | 6.3 | 5.5 |
| LFM | 200 | 0 | 150 | 0 |

As a result of this change, the PBA (printed board assembly) and TA (top assembly) numbers will roll as noted in the affected products table within this PCN

Customer Impact of Change and Recommended Action:

Customers can expect to receive mixed inventory until current inventory levels are depleted.

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:

| Product Name | Product Code | MM# | Pre Change TA | Pre Change PBA | Post Change TA | Post Change PBA |
|--|--------------|--------|---------------|----------------|----------------|-----------------|
| Intel® Ethernet Converged Network Adapter X540-T1 OEM Gen | X540T1G1P5 | 914242 | G54504-007 | G54369-008 | G54504-008 | G54369-009 |
| Intel® Ethernet Converged Network Adapter X540-T2 OEM Gen | X540T2G1P5 | 914244 | G45588-006 | G36748-008 | G45588-007 | G36748-009 |
| Intel® Ethernet Converged Network Adapter X540-T1, retail unit | X540T1 | 914246 | G56796-007 | G54042-008 | G56796-008 | G54042-009 |
| Intel® Ethernet Converged Network Adapter X540-T2 retail unit | X540T2 | 914248 | G45789-005 | G45270-006 | G45789-006 | G45270-007 |
| Intel® Ethernet Converged Network Adapter X540-T1, retail bulk | X540T1BLK | 927235 | G90120-004 | G54042-008 | G90120-005 | G54042-009 |
| Intel® Ethernet Converged Network Adapter X540-T2, retail bulk | X540T2BLK | 927245 | G90121-004 | G45270-006 | G90121-005 | G45270-007 |

PCN Revision History:

Date of Revision:

July 29, 2019

Revision Number:

00

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.

Americas Contact: asmo.pcn@intel.com

Asia Pacific/PRC Contact: apacgccb@intel.com

Europe Email: eccb@intel.com

Japan Email: jccb.ijkk@intel.com

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