Product Change Notification

112155 - 00

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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

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Product Change Notification

Change Notification #:	**112155 - 00**
Change Title:	**Intel® Ethernet Server Adapter X520-DA1 (Spring Fountain) SKU E10G41BTDAPG1P5 MM#927066** **PCN 112155-00** **Product Design, Product Material & Label** **Silicon Change, Update heatsink and Product Name Change**
Date of Publication:	**April 29, 2013**

Key Characteristics of the Change:
Product Design
Product Material
Label

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	May 15, 2013

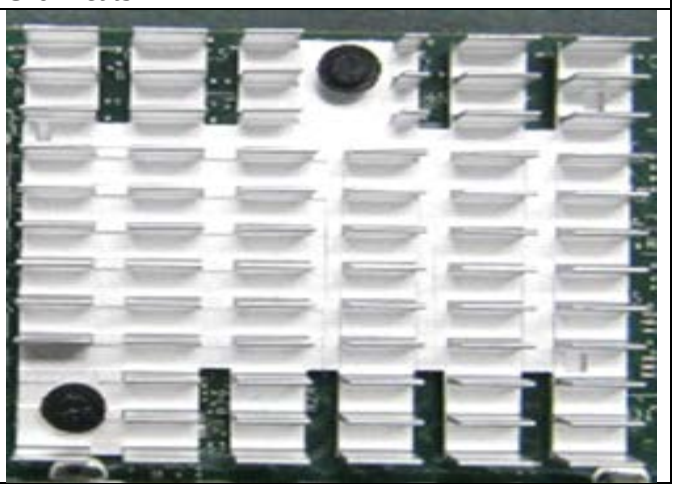
Description of Change to the Customer:

The following changes will be made to the Intel® Ethernet Server Adapter X520-DA1:

1. The ECO change institutes the proper configuration of the Single Port Silicon with a Single Port Adapter

Power Numbers for 10GBASE SR/1000BASE SX:
• Dual Port à Max/Typical power = 6.8W / 6.5W
• Single Port à Max/Typical power = 6.0W / 4.5W

2. Updates have been made to the heat sink for the X520 adapters to allow for easier manufacturing of the heat sink part. The new heat sink is form, fit, function compatible and has been fully tested and qualified by Intel. Please see pictures below showing the visual difference of the old/new heat sink.

New Heatsink	Old Heatsink
	

3. Product Name Change
   To further highlight Intel's Unified Networking Support on the latest 10GbE NICs, Intel has changed the brand name for Spring Fountain family of adapters. The Intel® Ethernet Server Adapter X520 family of adapters are now the Intel® Ethernet Converged Network Adapter X520 family. "Converged Network Adapter," typically abbreviated as "CNA" is a category created and marketed by Cisco* for 10GbE adapters that also support the storage protocols, iSCSI and/or FCoE. This acronym has become well-known in the industry for devices that support LAN and block and SAN storage.

4. 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 notice. If the PBA/TA numbers are printed on any product or box labels, those will show the PBA/TA dash roll as well.

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:

Product Name (New)	**Product Code**	**MM#**	**Pre Change TA**	**Post Change TA**	**Pre Change PBA**	**Post Change PBA**
Intel® Ethernet Server Adapter X520-DA1 *Intel® Ethernet Converged Network Adapter X520-DA1*	E10G41BTDAPG1P5	927066	G83817-001	G83817-002	G83818-001	G83818-002

PCN Revision History:

Date of Revision:	**Revision Number:**	**Reason:**
April 29, 2013	00	Originally Published PCN