



Product Change Notification

113073 - 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: apacgccb@intel.com

Europe Email: eccb@intel.com

Japan Email: jccb.ijkk@intel.com

Copyright © Intel Corporation 2014. Other names and brands may be claimed as the property of others.

BunnyPeople, Celeron, Celeron Inside, Centrino, Centrino Inside, Cilk, Core Inside, i960, Intel, the Intel logo, Intel AppUp, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Insider, the Intel Inside logo, Intel NetBurst, Intel NetMerge, Intel NetStructure, Intel SingleDriver, Intel SpeedStep, Intel Sponsors of Tomorrow, the Intel Sponsors of Tomorrow logo, Intel StrataFlash, Intel vPro, Intel XScale, InTru, the InTru logo, the InTru Inside logo, InTru soundmark, Itanium, Itanium Inside, MCS, MMX, Moblin, Pentium, Pentium Inside, Puma, skool, the skool logo, Sound Mark, The Creators Project, The Journey Inside, Thunderbolt, vPro Inside, VTune, Xeon, and Xeon Inside are trademarks of Intel Corporation in the U.S. and/or other countries.

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



Product Change Notification

Change Notification #: 113073 - 00
Change Title: Intel® True Scale Fabric Director Switch
12800180BS01

**Intel® True Scale Fabric Director Switch
Chassis 12800180CH01**

**Intel® True Scale Fabric Director Switch
Bundle 12800180BLHD**

**Intel® True Scale Fabric Director Switch
Bundle 12800180BLHP**

**PCN 113073-00 Product Design,
Documentation, Label, Product Marking**

**Update 12800180 Product Marking, Labeling,
Documentation and Firmware to change the
brand from QLogic* to Intel**

Date of Publication: July 25, 2014

Key Characteristics of the Change:

Product Design, Documentation, Label, Product Marking

Forecasted Key Milestones:

Date of Samples Availability:	Aug 08, 2014
Date Customer Must be Ready to Receive Post-Conversion Material:	Aug 11, 2014
Date of First Availability of Post-Conversion Material:	Aug 11, 2014

The date of "First Availability of Post-Conversion Material" is the projected date that a customer may expect to receive the Post-Conversion Materials. This date is determined by the projected depletion of inventory at the time of the PCN publication. The depletion of inventory may be impacted by fluctuating supply and demand, therefore, although customers should be prepared to receive the Post-Converted Materials on this date, Intel will continue to ship and customers may continue to receive the pre-converted materials until the inventory has been depleted.

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

Description of Change to the Customer:

Affected Product Code	Former Product Code	Product Description
12800180BS01	12800-180-BS01	Intel® True Scale Fabric Director Switch 12800180BS01
12800180CH01	12800-180-CH01	Intel® True Scale Fabric Director Switch Chassis 12800180CH01
12800180BLHD	NA	Intel® True Scale Fabric Director Switch Bundle 12800180BLHD
12800180BLHP	NA	Intel® True Scale Fabric Director Switch Bundle 12800180BLHP

Overview of Changes

The 12800180 Switch models listed in this PCN were revised to change their branding from QLogic to Intel. This branding change affects the following:

1. Product logos on overlay and fascia
2. Product regulatory and compliance labels
3. Product documentation
4. Product firmware



Product Overlay and Fascia Change Details:

The QLogic logo has been replaced by the Intel logo.

12800180 Overlay and Fascia Changes

From

To


From

To


Product Regulatory and Compliance Label Change Details:

The Regulatory and Compliance Label for each of the listed products was updated to reflect the registrations and certificates acquired for the Intel branding change. In addition, new symbols and warnings were added to reflect additional certifications acquired for these products.

12800180 Switch Compliance Label Changes are:

1. QLogic logo and product name were replaced by the Intel registered mark and product name
2. Australian C-tick registration number was changed from N1604 to N232
3. Russian Gost-R symbol was replaced by the Eurasian Customs Union symbol
4. Taiwan BSMI symbol was added with registration number D33025
5. The National Conformity Mark symbol for Ukraine was added
6. Korean registration was changed from KCC, with registration number QLG-12800-360 (A), to MSIP, with registration number MSIP-REM-CPU-12800360.
7. Mexican NOM symbol was added
8. Intel address was added per CE requirements
9. Class A warnings were added for Korea and Taiwan
10. China warnings for altitude and tropical climates were added
11. NRTL symbol was updated to reflect a TUV corporate brand change to TUV SUD

From

QLOGIC® 12800 Series Director Class InfiniBand Switch

Model	Electrical rating per cord	# AC cords
12800-360	100-240 VAC, 15 A, 50/60 Hz	1 to 12
12800-180	100-240 VAC, 15 A, 50/60 Hz	1 to 6
12800-120	100-240 VAC, 15 A, 50/60 Hz	1 to 4
12800-040	100-240 VAC, 15 A, 50/60 Hz	1 to 4

FCC Part 15 Class A
 This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:
 (1) This device may not cause harmful interference, and
 (2) this device must accept any interference received, including interference that may cause undesired operation.
 This Class A digital apparatus complies with Canadian ICES-003
 Cet appareil numérique de la classe A est conforme a la norme NMB-003 du Canada

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。 VCCI - A

Laito on liitettävä suojamaadoituskoskettimilla varustettuun pistorasiaan
 Apparater må tilkoples jordat stikkontakt
 Apparaten skall anslutas till jordat uttag

Warning!
 This unit may have more than one power cord. To reduce the risk of electric shock disconnect all cords before servicing the unit.

Label ID 12817-03 B

To

Intel® True Scale Fabric Director Switch 12800 Series

Model	Electrical rating per cord	# AC cords
12800360	100-240VAC, 15 A, 50/60 Hz	1 to 12
12800180	100-240VAC, 15 A, 50/60 Hz	1 to 6
12800120	100-240VAC, 15 A, 50/60 Hz	1 to 4
12800040	100-240VAC, 15 A, 50/60 Hz	1 to 4

FCC Part 15 Class A
 This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:
 (1) This device may not cause harmful interference, and
 (2) this device must accept any interference received, including interference that may cause undesired operation.
 This Class A digital apparatus complies with Canadian ICES-003
 Cet appareil numérique de la classe A est conforme a la norme NMB-003 du Canada

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。 VCCI - A

Warning!
 This unit may have more than one power cord. To reduce the risk of electric shock disconnect all cords before servicing the unit.

Laito on liitettävä suojamaadoituskoskettimilla varustettuun pistorasiaan.
 Apparater må tilkoples jordat stikkontakt.
 Apparaten skall anslutas till jordat uttag.

仅适用于海拔2000m 以下地区安全使用
 仅适用于非热带气候条件下安全使用

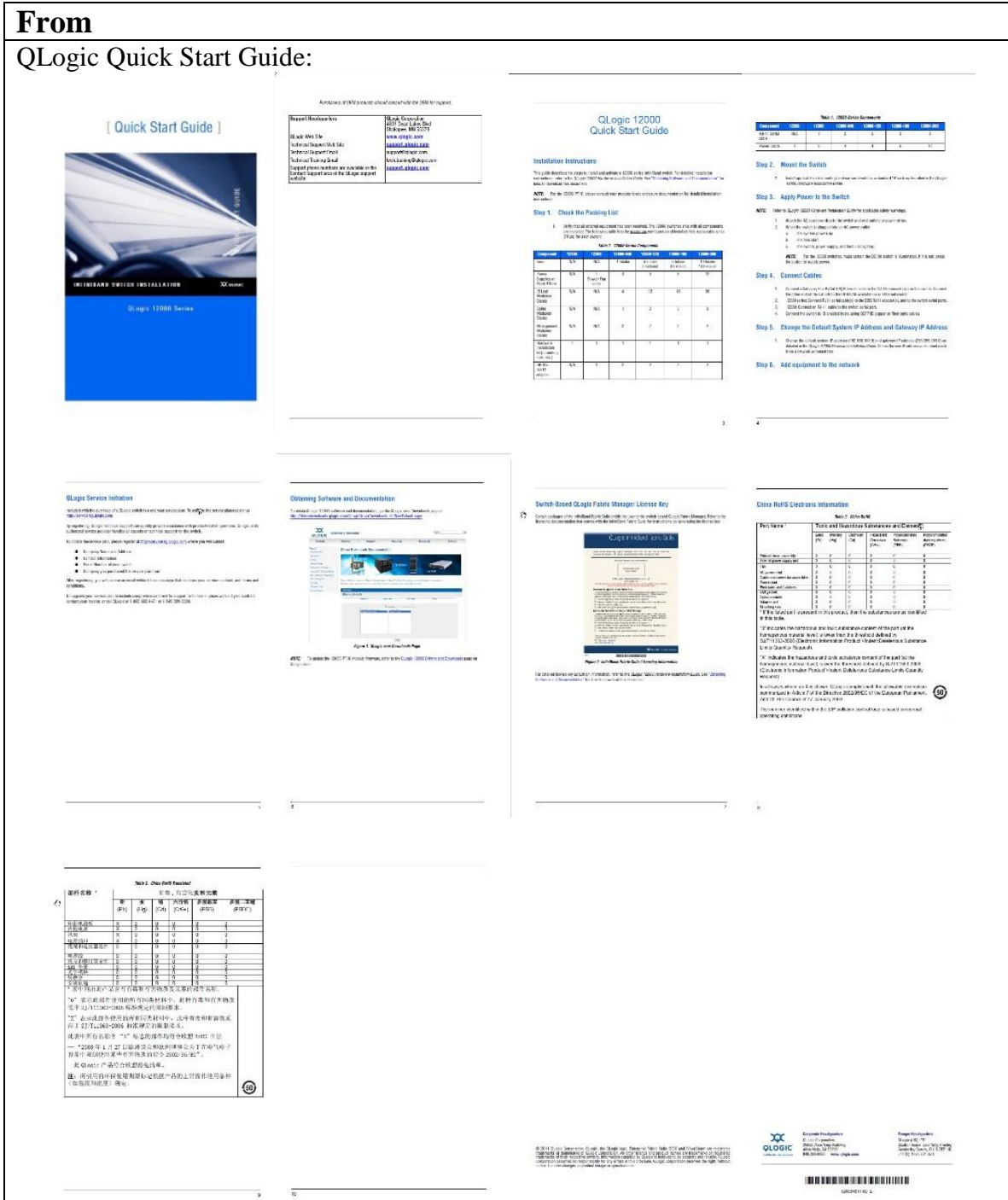
Label PN Q12817-03 Rev C

Product Documentation Change Details:

The documentation has changed as follows:

1. The QLogic-branded Read Me First Document, Safety & Compliance Guide and Quick Start Guide have been replaced by a consolidated Intel-branded Read Me First Document
2. Per Eurasian Customs Union requirements, a Russian manual was added

From QLogic Quick Start Guide:



From (cont)

QLogic Safety & Compliance Guide:

QLogic 12800 InfiniBand Switches Safety and Compliance Guide



Federal Communications Commission (FCC) Class A Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against interference when this equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not properly installed and used, may cause interference to radio communications. Operation of this equipment in a residential area may cause unacceptable interference, in which case the user will be required to take the necessary steps to resolve the interference at their own expense.

Notwithstanding to whom this manufacturer is responsible for any radio or television interference that is caused by this equipment, it is authorized to accept the responsibility for any such interference that may be caused by this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

The device complies with Part 15 of the FCC Rules. Operator is subject to the following two conditions:

- This device must accept any interference received, including interference that may cause erroneous operation.

Canadian Department of Communications Class A Compliance Statement

This equipment does not exceed Class A limits for radio emissions for digital devices, pursuant to the Interference-causing Equipment Regulations of the Communications Act of 1993. These limits are designed to provide reasonable protection against interference when this equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not properly installed and used, may cause interference to radio communications. Operation of this equipment in a residential area may cause unacceptable interference, in which case the user will be required to take the necessary steps to resolve the interference at their own expense.

CE Statement

This equipment complies with the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC). This equipment includes the following safety features:

- Electromagnetic Compatibility (EMC) - This equipment complies with the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC). This equipment includes the following safety features:
- Electromagnetic Compatibility (EMC) - This equipment complies with the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC). This equipment includes the following safety features:
- Electromagnetic Compatibility (EMC) - This equipment complies with the EMC Directive (2004/108/EC) and the Low Voltage Directive (2006/95/EC). This equipment includes the following safety features:

VCCI Class A Statement

This equipment complies with the VCCI Class A Statement. It is designed to minimize radio frequency interference to other electronic equipment.

D001127-000

Laser Safety Information

This product complies with IEC 60825-1:2014 and IEC 60825-2:2015 and Class II laser safety requirements. For more information, see the Laser Safety Information (LSI) document located in the product documentation.

Caution: Do not look into the laser beam. The laser beam is invisible and can cause eye damage. Do not use the laser beam for any purpose other than that intended by the manufacturer.

Caution: Do not use the laser beam for any purpose other than that intended by the manufacturer.

Electrostatic Discharge Sensitivity (ESDS) Precautions

This equipment is sensitive to electrostatic discharge (ESD). To help protect this equipment, handle it according to the following ESD precautions:

- Do not touch the board or components when the board is not properly grounded.
- Do not touch the board or components when the board is not properly grounded.

Switch Power Requirements

This equipment requires a power source that meets the following requirements:

- Input Voltage: 100-240 VAC, 50/60 Hz, 10A (maximum)
- Input Power: 2400W (maximum)

Environmental Conditions

This equipment is designed to operate in the following environmental conditions:

- Operating Temperature: 0°C to 40°C (32°F to 104°F)
- Storage Temperature: -40°C to 70°C (-40°F to 158°F)
- Humidity: 5% to 95% (non-condensing)

Mount the Switch

The switch must be installed in a 19" EIA rack. The rack must be grounded to earth ground.

WARNING

Do not touch the board or components when the board is not properly grounded.

CAUTION

Do not touch the board or components when the board is not properly grounded.

CAUTION

Do not touch the board or components when the board is not properly grounded.

QLogic 12800 InfiniBand Switches Safety and Compliance Guide



Connect the Switch to AC Power

WARNING: The 12800 is supplied with a 3-wire power cable and plug for the user's safety. Use the power cable and connector with a properly grounded outlet to avoid electrical shock. Do not use a 2-wire power cable and plug. Do not use a 3-wire power cable and plug with a 2-wire outlet. Do not use a 3-wire power cable and plug with a 2-wire outlet.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

WARNING: Do not touch the board or components when the board is not properly grounded.

Customer Impact of Change and Recommended Action:

The branding-related changes to overlays, labels and documentation outlined above have no impact to product fit or function. Minor impacts to form are visible as branding and labeling changes. The firmware changes affect branding and function.

There are no changes to Intel MM numbers.

Please contact your local Intel Field Sales Representative if you have any further questions about this change.

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

Products Affected / Intel Ordering Codes:

Product Code	MM#	Pre Change MM Version	Post Change MM Version	Pre Change Top Assembly (TA)	Post Change Top Assembly (TA)
12800180BLHD	933928	1	2	H30741-001 Rev 01	H30741-001 Rev 02
12800180BLHP	933929	1	2	H30742-001 Rev 01	H30742-001 Rev 02
12800180BS01	924554	2	3	12800-180-BS01 Rev L	12800-180-BS01 Rev M
12800180CH01	924557	1	2	12800-180-CH01 Rev F	12800-180-CH01 Rev G

PCN Revision History:

Date of Revision:
July 25, 2014

Revision Number:
00

Reason:
Originally Published PCN