Product Change Notification

106709 - 02

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. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

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 Contact: apacgccb@intel.com

Europe Email: eccb@intel.com

Japan Email: jccb.ijkk@intel.com

Copyright © Intel Corporation 2007. Other names and brands may be claimed as the property of others.

Celeron, Centrino, Intel, the Intel logo, Intel Core, Intel NetBurst, Intel NetMerge, Intel NetStructure, Intel SingleDriver, Intel SpeedStep, Intel StrataFlash, Intel Viiv, Intel XScale, Itanium, MMX, Paragon, PDCharm, Pentium, and Xeon are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Learn how to use Intel Trade Marks and Brands correctly at http://www.intel.com/intel/legal/tmusage2.htm.

Product Change Notification

Change Notification #:	**106709 - 02**
Change Title:	**Intel NetStructure(R) MPCMM0002Q Chassis Management Module, PCN 106709-02, Product Design, changes to faceplate, front panel LED, EMI filter, ejector handle, new firmware, changes to faceplate, front panel LED, EMI filter, PCB layout, capacitors 16V and 100V, RJ45 connector, substituted RoHS label, Reason for Revision: Label change, additional details on faceplate changes, Safety Note**
Date of Publication:	**July 27, 2007**

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Aug 27, 2007

Description of Change to the Customer:

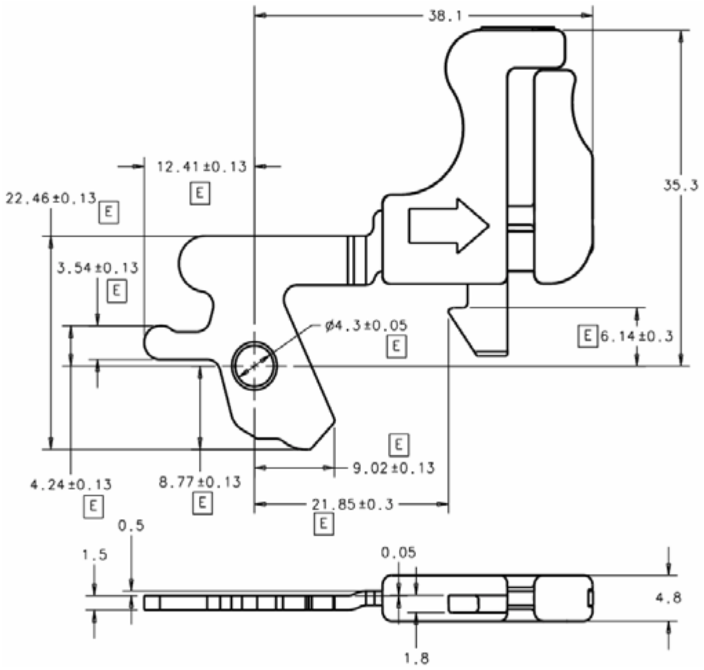
Reason for Revision: Label change, additional details on faceplate changes, Safety Note

1. Following changes were made to the faceplate to accommodate new ejector handle and changes to DSUB15 connector for telecom alarm:
    a. Added hex slot to DSUB15 connector
    b. Added chamfer to accommodate new ejector handle
    c. Changed guide pin to resolve deformation of front panel
    d. Changed thumb screw size to use standard AdvancedTCA thumb screw.
    e. Changed faceplate overlay to accommodate new thumb screw and new ejector handle.
    f. Removed spring washer as not needed for new ejector handle.

2. Front panel LEDs changed from tri-color LED to bi-color LED due to supplier discontinuation of product. The wavelengths of original and new LEDs are as follows:

Dominant Wavelength	Original tri-color LED	New bi-color LED
Green	570nm	570nm
Red	645nm	628nm
Blue	466nm	470nm

3. Removed EMI filter from DSUB15 connector and implemented filter cap.
4. Optimized component locations on board for yield improvements.
5. Changed ejector handle to improve ease of operation and reliability. New ejector handle drawing is shown below.



The below changes were introduced in PCN106709-01:

6. Chassis management firmware version changed from 6.1.0.2779 to 6.1.4.39. Please refer to the following web site for Software Specification Update and other technical documentation: http://www.intel.com/design/telecom/products/cbp/atca/9634/techdocs.htm
7. Capacitor 16V changed to extend lifetime in high temperature condition.
8. Capacitor 100V changed to extend lifetime in high temperature condition.
9. RJ45 connector changed to improve manufacturing yield.
10. RoHS regulatory label removed as the logo is printed on PCB.
11. PCB layout changed to accommodate new DSUB15 EMI filter and support tri-color and bi-color LED.

The below changes were introduced in PCN106709-02:

12. Product label changed. New label is shown below.

PRODUCT CODE: MPCMM0002Q

TOP ASSEMBLY: D69470-XXX

SERIAL No.: VSPPYWWXXXXX

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) The device may not cause harmful interference, and (2) This device must accept any interference received, including interference which may cause undesired operation.

Verified FCC Class A

Canada ICES-003 Class A / Canada NMB-003 Classe A

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障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に
要求されることがあります。 VCCI-A

Made in Malaysia with partial
Foreign content.
D52606-XXX

13. Perchlorate Material Safety Note added inside the packaging box.

Customer Impact of Change and Recommended Action:

1. No impact to customer.
2. No impact to customer.
3. L-COM filter is no longer required when using Telecom Alarm port, as documented in the Technical Specification Update.
4. No impact to customer.
5. Please refer to the Technical Product Specification for operating instructions of the new handle.
6. Please review Software Specification Update document for details on firmware 6.1.4.39.
7. No impact to customer.
8. No impact to customer.
9. No impact to customer.
10. No impact to customer.
11. No impact to customer.
12. No impact to customer.
13. No impact to customer.

Products Affected / Intel Ordering Codes:

Pre Change Product Code	Pre Change MM#	Pre Change TA	Pre Change PBA	Post Change Product Code	Post Change MM#	Post Change TA	Post Change PBA
MPCMM0002Q	875468	D52412-003	D37185-203	MPCMM0002Q	875468	D69470-004	D37185-303

Reference Documents / Attachments:

Document:	Location #:
Software Specification Update	http://www.intel.com/design/telecom/products/cbp/atca/9634/techdocs.htm

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
September 28, 2006	00	Originally Published PCN
May 24, 2007	01	Changed PCB layout, capacitors 16V and 100V, RJ45 connector, Updated FW and substituted RoHS label, deleted color change of jumper J3.
July 24, 2007	02	Label change, additional details on faceplate changes, Safety Note