



Product Change Notification

106743 - 01

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: jcb.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 #: 106743 - 01
Change Title: Intel NetStructure® MPCBL0040 Single Board Computer, PCN 106743-01, Product Design, Change 3.3V DC/DC power conversion circuit and firmware, Reason for Revision: Changed items implemented and firmware versions.
Date of Publication: April 20, 2007

Key Characteristics of the Change:
Product Design

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	May 04, 2007
---	--------------

Description of Change to the Customer:

Reason for Revision: Changed items implemented and firmware versions.

- 1) Changed 3.3V DC/DC converter to improved industrial version that supports higher temperature. Changed 3.3V DC/DC conversion soft start and OCP (over current protection) circuit to reduce in-rush current. This change was made to accommodate the increased current when an AdvancedMC* and/or Rear Transmission Module is installed.
- 2) Changed firmware loaded on the board to April 2007 firmware release bundle.
 - a) IPMC boot block, change from boot block version 1.05 to bootloader version 1.01. The complete boot block is included as part of the IPMC firmware.
 - b) IPMC Firmware, change from version 1.03.01 to 1.11.0C
 - c) BIOS, change from version P02-0014 to P09-0027
 - d) LSI SAS Firmware, change from version 0.06.08.00 to 1.15.00.00
 - e) LSI SAS BIOS, change from version 6.04.07.00 to 6.08.05.00
 - f) FRU, change from version 0.14 to 0.16
 - g) SDR, change from version 1.01 to 1.07

Customer Impact of Change and Recommended Action:

The following customer actions are recommended for each of the changed areas:

- 1) No customer action required.
- 2) Customers should validate with new versions of firmware. Customers can find release notes and download new firmware and firmware update utilities at:
<http://www.intel.com/support/telecom/computeboards/mpcbl0040/software.htm>

Products Affected / Intel Ordering Codes:

Pre Change Product Code	Pre Change MM#	Pre Change TA	Pre Change PBA	Post Change TA	Post Change PBA
MPCBL0040N01Q	875467	D24178-007	D32118-301	D24178-008	D32118-303 (D32118-302 alternate)

Reference Documents / Attachments:

Document:

MPCBL0040 Firmware and Utilities

Location #:<http://www.intel.com/support/telecom/computeboards/mpcbl0040/software.htm>

PCN Revision History:

Date of Revision:

September 22, 2006

April 20, 2007

Revision Number:

00

01

Reason:

Originally Published PCN

Changed items implemented and firmware versions.