



# Product Change Notification

## 106341 - 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](mailto:asmo.pcn@intel.com)

**Asia Pacific Contact:** [apacgccb@intel.com](mailto:apacgccb@intel.com)

**Europe Email:** [eccb@intel.com](mailto:eccb@intel.com)

**Japan Email:** [jcb.ijkk@intel.com](mailto:jcb.ijkk@intel.com)

Copyright Intel Corporation 2006. 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 #:** 106341 - 02  
**Change Title:** MPCBL0001, PCN 106341-02, Product Material, Product Material, Product migration to comply with the restriction of the use of certain hazardous substances in electrical and electronic equipment (Pb-free SLI ), Reason for Revision: Change of delivery date  
**Date of Publication:** September 16, 2006

## Key Characteristics of the Change:

Product Material

## Forecasted Key Milestones:

October 15, 2006 will be the last date to submit orders for pre-conversion non-RoHS compliant product (Non-RoHS Product) with delivery dates through March 2007. Intel will make reasonable effort to fulfill orders for such forecasted Non-RoHS Product provided such orders are received prior to October 15, 2006 with delivery prior to March 30, 2007, however, due to potential limited component availability cannot guarantee availability of the Non-RoHS Product.

<b>Date Customer Must be Ready to Receive Post-Conversion Material:</b>	Oct 16, 2006
---	--------------

*Intel will use commercially reasonable efforts to maintain availability of both Post-Conversion (RoHS) and Pre-Conversion (non-ROHS) products until the March 30, 2007.*

*Customers requiring Non-ROHS Product through March 30, 2007, must place orders before October 15, 2006.*

## **Description of Change to the Customer:**

### **Reason for Revision: Change of delivery date**

MCPBL0001 product will be undergoing changes to several of components and to the solder process. These changes are to remove or reduce a number of banned substances below the acceptable levels as identified by the "DIRECTIVE 2002/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment" and the APPROVED RoHS Exemption List as of December 10, 2004. This is frequently referred to as RoHS (Reduction of Hazardous Substances) compliance and includes, but is not limited to, the removal of lead (Pb), mercury (Hg), cadmium (Cd), hexavalent chromium (Cr VI), polybrominated biphenyls (PBB), or polybrominated diphenyl ethers (PBDE). These products will be Pb-free SLI.

### **Customer Impact of Change and Recommended Action:**

The customer will have until March 30, 2007 to qualify the replacement RoHS compliant products. No change to form, fit, or function as a result of the transition from a non-RoHS compliant product to a RoHS compliant product is expected. Intel will make reasonable efforts to maintain both RoHS and non-RoHS product active until March 30, 2007.

#### **Recommended Action:**

1. Customers are encouraged to place their orders for the RoHS compliant product in order to start product qualification.
2. Customers must submit orders before October 15, 2006, if they require non-RoHS compliant product post-October 2006 through March, 2007.
3. Customer must install Intel (R) PRO / 1000 Network Driver version 5.2.30 or newer. Intel has released an updated driver to accommodate RoHS Ethernet controller device ID change.
4. The RoHS version of MPCBL0001 board is at default installed with BIOS P12-0027 or newer. Please take note that BIOS P12-0027 or newer is required to accommodate RoHS Ethernet controller device ID change.

#### **Product Codes and Markings:**

The replacement products will be marked such that one will be able to tell from reading the box labels or the product labels if a product is Pb-free SLI or not. Pb-free SLI products are appended with the letter "Q" (see the product code list below). The Product Code is both on the shipping box and on the board front panel bracket.

If you require a product that is in compliance with the referenced Directive above, it is important that you contact your local Intel representative and place orders for the replacement Pb-free SLI product in enough time to meet the July 2006 deadline.

If customers should require a document from Intel that states the level of RoHS compliance for these products, a Material Declaration Datasheet (MDDS) will be available for each product on this PCN after July 1, 2006.

See the table below for new Product Codes and MM numbers. The Pb-free SLI products will be orderable after May 8, 2006 with delivery on June 5, 2006. The pre change (Non-RoHS) products will be available to order until October 15, 2006, with delivery dates available until March 30, 2007. Intel will make commercially reasonable effort to fulfill orders for Non-RoHS Product which are ordered prior to October 15, 2006 and for delivery no later than March 30, 2007; however Intel can not guarantee their availability.

Contact your sales representative for additional migration information and/or any issues you may have with this plan.

## Products Affected / Intel Ordering Codes:

Board Products Table

Pre-Change Product Code	Pre-Change MM#	Post-Change Product Code	Post-Change MM#
MPCBL0001N04	855964	MPCBL0001N04Q	875602
MPCBL0001F04	855965	MPCBL0001F04Q	875601

## Reference Documents / Attachments:

Document:	Location #:
Intel MDDS	Technical Product Specification under <a href="http://www.intel.com/design/telecom/products/cbp/atca/9590/techdocs.htm">http://www.intel.com/design/telecom/products/cbp/atca/9590/techdocs.htm</a>
Intel RoHS / Lead (Pb) Compliant Product Search	<a href="http://indigo.intel.com/leadfree/Public/LeadfreeProductSearch.aspx">http://indigo.intel.com/leadfree/Public/LeadfreeProductSearch.aspx</a>
Intel RoHS / Lead (Pb) Free Site	<a href="http://www.intel.com/technology/silicon/leadfree.htm">http://www.intel.com/technology/silicon/leadfree.htm</a>

## PCN Revision History:

Date of Revision:	Revision Number:	Reason:
May 22, 2006	00	Originally Published PCN
August 30, 2006	01	Requirement of new driver and BIOS
September 16, 2006	02	Change of delivery date