



Product Change Notification

104003 - 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 geography 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.

Copyright © Intel Corporation 2004. Other names and brands may be claimed as the property of others.

AlertVIEW, AnyPoint, AppChoice, EtherExpress, FlashFile, i386, i486, i960, Intel, Celeron, Intel486, Intel740, IntelDX2, IntelDX4, IntelSX2, Itanium, LANDesk, LanRover, Pentium, Xeon, Intel Xeon, NetMerge, NetStructure, OverDrive, Paragon, PDCharm, StrataFlash is a trademark 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 #: 104003 - 02
Change Title: D865GLC & D865GBF, PCN 104003-02, FFF, Add alternate FWH and add required BIOS update, FET change
Date of Publication: April 17, 2004

Type of Change Notification:

FFF - (Form-Fit-Function)

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date of First Availability of Post-Conversion Material:	May 06, 2004
--	--------------

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.

Description of Change to the Customer:

1. Add an alternate Firmware Hub (FWH) part to ensure continued component supply for manufacturing. A new BIOS is required to support this part.
2. Upgrading the BIOS to revision P16. This BIOS change is required with this FWH change. The latest BIOS, and release notes are available at: http://developer.intel.com/design/motherbd/lc/lc_bios.htm and http://developer.intel.com/design/motherbd/bf/bf_bios.htm
3. The VCCP FETs (Q2B1, Q2B2, Q3B1 and Q4B1) for the CPU VREG circuit are being converted to a different manufacturer. Conversion of this component is required to ensure manufacturing supply and only affected to LA sku only.

Customer Impact of Change and Recommended Action:

Note: The P16 BIOS will be required with this FWH change. It will not be possible to flash back to an earlier BIOS release. It is recommended that customers begin reviewing the P16 BIOS to be assured it will integrate smoothly with customer production lines.

Note: The FETs changed only affected to these MM#852406, MM#852407, MM#852408, MM#852399, MM#852403, MM#852405 only.

These changes are not expected to affect the Microsoft* Windows* operating system's software driver stack. The changes have been thoroughly evaluated to ensure that there is no quality, reliability or functional implications to our customers.

These hardware changes are being thoroughly evaluated to ensure that there is no quality, reliability or functional implications to our customers. DPSD is not recommending additional qualification of these changes on platforms received from Intel.

Products Affected / Intel Ordering Codes:

Board Products Table

Affected Product Code	Pre-Change MM#	Pre-Change TA or AA	Post-Change TA or AA
BLKD865GBF 852432	852432	C25827-407	C25827-408
BLKD865GBFL 852434	852434	C25843-407	C25843-408
BLKD865GBFLK 852437	852437	C28142-408	C28142-409
BLKD865GLC 852439	852439	C28903-407	C28903-408
BLKD865GLCL 852441	852441	C28906-407	C28906-408
BLKD865GLCLK 852443	852443	C28909-409	C28909-410
BOXD865GBF 852431	852431	C25827-407	C25827-408
BOXD865GBFL 852433	852433	C25843-407	C25843-408
BOXD865GBFLK 852436	852436	C28142-408	C28142-409
BOXD865GLC 852438	852438	C28903-407	C28903-408
BOXD865GLCL 852440	852440	C28906-407	C28906-408
BOXD865GLCLK 852442	852442	C28909-409	C28909-410
LAD865GBF 852399	852399	C25840-406	C25840-407
LAD865GBFL 852403	852403	C28140-406	C28140-407
LAD865GBFLK 852405	852405	C28144-408	C28144-409
LAD865GLC 852406	852406	C27498-407	C27498-408
LAD865GLCL	852407	C27499-407	C27499-408

Affected Product Code	Pre-Change MM#	Pre-Change TA or AA	Post-Change TA or AA
852407			
LAD865GLCLK 852408	852408	C27500-408	C27500-409

PCN Revision History:

Date of Revision:

March 31, 2004

April 2, 2004

April 17, 2004

Revision Number:

00

01

02

Reason:

Originally Published PCN

Update some of the AA numbers

FET change and Add P16 Bios