



Product Change Notification

108840 - 01

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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.

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Product Change Notification

Change Notification #: 108840 - 01
Change Title: Mobile Intel® GE45 Express Chipset, PCN 108840-01, Product Design, Stepping Conversion, Reason for Revision: Conversion Cancelled, GE45 will Remain on Current Stepping
Date of Publication: January 30, 2009

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date of Samples Availability:	Oct 10, 2008
Date of Qualification Data Availability:	Oct 31, 2008
Date Customer Must be Ready to Receive Post-Conversion Material:	Dec 19, 2008
Date of First Availability of Post-Conversion Material:	Dec 12, 2008

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:

Reason for Revision: The stepping conversion for GE45 Express Chipset has been cancelled.

The GE45 will remain on current stepping.

The Mobile Intel® GE45 Express Chipset will undergo a stepping conversion synchronized with the previously announced Intel® Core™2 Duo processors T9600, T9400, P9500, P8600, P8400 and the Intel® Core™2 Extreme Processor X9100 CPU conversion. There is no form, fit, or function change between the stepping conversions. Specifics of the stepping change are:

- No change in terms of electrical, mechanical, and thermal specifications between stepping conversions
- Revision ID will change from 07h to 09h
- BIOS changes and MRC (Memory Reference Code) update are required for the converting products

- New S-Spec and MM numbers for converting products
- Contact your local Intel Corporation field representative for the latest chipset specification information

Customer Impact of Change and Recommended Action:

Intel anticipates a minimal validation effort for this conversion due to no form, fit, and function changes between stepping conversions. Customers will need a BIOS update and an MRC update. Once BIOS and MRC are updated, customers will be able to accept both new stepping and previous stepping product.

Customers should be prepared to receive a combination of both new stepping and previous stepping material by the Ready-to-Receive date.

Products Affected / Intel Ordering Codes:

Processor#	Pre Conversion Product Code	Pre Conversion S-Spec	Pre Conversion MM#	Post Conversion Qualification Samples QDF#	Post Conversion Qualification Samples MM#	Post Conversion S-Spec	Post Conversion MM#
Mobile Intel® GE45 Express Chipset	AC82GE45	S LB96	898202	QV09	899277	S LGGL	900099

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

September 20, 2008

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Originally Published PCN

January 30, 2009

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Conversion Cancelled, GE45 will Remain on Current Stepping