



Product Change Notification

106520 - 06

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 #: 106520 - 06
Change Title: Intel® Pentium® M processors 745, 738 and 733, PCN 106520-06, Product Design, B-1 to C-0 Stepping Conversion, Reason for Revision: Change B-0 Stepping to Correct Stepping of B-1
Date of Publication: April 02, 2007

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date of Samples Availability:	Aug 11, 2006
Date of Qualification Data Availability:	Oct 20, 2006
Date Customer Must be Ready to Receive Post-Conversion Material:	Mar 30, 2007
Date of First Availability of Post-Conversion Material:	Nov 03, 2006

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: Change B-0 Stepping to Correct Stepping of B-1

The Intel® Pentium® M processors 745, 738 and 733 will undergo the following changes for the B-1 Step to C-0 Step processor stepping changes:

CPUID will change from 06D6h to 06D8h in C-0 Step. No other software/hardware change is required by the customer.

New S-spec and MM numbers for qualification and production units for the converting products.

Intel anticipates no changes to customer platforms designed to Intel guidelines.

Customer Impact of Change and Recommended Action:

Minimal validation effort for this conversion is expected as there are no logic changes between B-1 Stepping and C-0 Stepping.

C-0 stepping will require a BIOS Update.

No platform thermal changes expected.

Customers should be ready to receive a combination of both B-1 Step material and C-0 Step material by November 3, 2006.

New S-Spec and MM numbers will be provided for C-0 Step Qualification Samples and Production units.

Products Affected / Intel Ordering Codes:

Pre – Conversion Product Code	Processor Number	Frequency	Pre- Conversion Production Units		Post- Conversion Qualification Samples		Post-Conversion Product Code	Post-Conversion Production Units			
			S-Spec	MM#	S-Spec	MM#		S-Spec	MM#		
										S-Spec	MM#
RH80536GC0332M	745	1.80 GHz	SL7EN	860564	SL8U6	875183	RH80536GC0332M	SL8U6			875183
LE80536GC0332M	745	1.80 GHz	SL7Q6	863256	SL8U8	875186	LE80536GC0332M	SL8U8			875186
LE80536LC0172M	738	1.40 GHz	SL7P9	862696	SL8XX	876562	LE80536LC0172M	SL89N			868295
RJ80536UC0052M	733	1.10 GHz	SL7F4	860555	SL8LM	871722	RJ80536UC0052M	SL8LM			871722
LE80536UC0052M	733	1.10 GHz	SL7PA	862698	SL89Q	868297	LE80536UC0052M	SL89Q			868297

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

July 27, 2006

00

Originally Published PCN

September 6, 2006

01

Updated Product Code Information

October 11, 2006

02

Product notification is for Embedded Customer Applications.

December 7, 2006

03

Extending Date Customer Must be Ready to Receive Post-Conversion Material

January 12, 2007

04

Revising Sample Date and Ready to Receive Date for Processor #738/MM#862696

February 22, 2007

05

Correcting Post-Conversion Product Code for MM#875186

April 02, 2007

06

Change B-0 Stepping to Correct Stepping of B-1