



Product Change Notification

107423 - 00

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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 #: 107423 - 00
Change Title: Intel® Celeron® M Processor 520, PCN 107423-00, Product Design, Merom processor B2-Step to Merom-L processor A-Step on the Napa Refresh Platform
Date of Publication: April 6, 2007

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date of Samples Availability:	Apr 23, 2007
Date of Qualification Data Availability:	Mar 30, 2007
Date Customer Must be Ready to Receive Post-Conversion Material:	Jul 06, 2007
Date of First Availability of Post-Conversion Material:	Jun 01, 2007

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:

Intel® Celeron® M 520 will undergo the following changes for the Merom B-2 stepping to Merom-L A stepping core processor stepping change:

- CPUID will change. Merom-L A stepping will require an Micro-Code Update
- BIOS for the Merom-L A stepping 520 implementation must comprehend the Extended Family and Extended Model values of the CPUID based
- Merom-L A stepping material has minor die size decrease due to manufacturing optimizations to increase product availability.
- New QDF, S-Spec, & MM numbers will be provided for Merom L-2 Step Qualification Samples & Production units

Please refer to the Electrical, Mechanical, and Thermal Specifications - NDA (EMTS), for the latest specification information.

Customer Impact of Change and Recommended Action:

Intel anticipates no changes to customer platforms designed to Intel guidelines. Refer to Intel® Celeron® M 520 Electrical, Mechanical, and Thermal Specifications.

BIOS for the Merom-L A stepping 520 implementation must comprehend the Extended Family and Extended Model values of the CPUID based

As there are no feature changes between Merom-L A stepping and Merom B-2 Stepping, minimal validation effort for this conversion is expected. Intel® Celeron® M 520 on Merom-L A stepping will require a Micro-Code Update. Customers should be ready to receive Merom-L A stepping material by July 6th, 2007.

Products Affected / Intel Ordering Codes:

Intel® Celeron® M Processor									
Processor#	Frequency	Pre Conversion Production Units			Post Conversion Qualification Samples		Post Conversion Production Units		
		Product Code	S-Spec	MM#	QDF#	MM#	Product Code	S-Spec	MM#
520	1.60 GHz	LF80537NE0251M	S L9WT	886397	QVHD	886134	LF80537NE0251M	S L9WN	886157

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

April 06, 2007

Revision Number:

00

Reason:

Originally Published PCN