



Product Change Notification

109318 - 02

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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 #: 109318 - 02
Change Title: Intel® Core™2 Duo Processor P7450, PCN 109318-02, Product Design, M-0 to R-0 Stepping Conversion, Reason for Revision: Clarify Sample Information
Date of Publication: June 19, 2009

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date of Samples Availability:	Jun 08, 2009
Date of Qualification Data Availability:	Jun 08, 2009
Date Customer Must be Ready to Receive Post-Conversion Material:	Jul 31, 2009
Date of First Availability of Post-Conversion Material:	Jul 20, 2009

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: Clarify Sample Information

The Intel® Core™2 Duo P7450 will undergo a stepping conversion to incorporate speed enhancements. Specifics of the stepping change are:

- No change in terms of electrical, mechanical, and thermal specification between stepping conversions
- New stepping incorporates speed path improvements to enable higher frequency bins
- CPUID will change from 00010676h to 0001067Ah
- BIOS changes are required to implement new CPUID
- New S-Spec and MM numbers for converting products
- Parametric details are in the processor specifications update

Contact your local Intel Corporation field representative for schedules to obtain latest specification information.

Customer Impact of Change and Recommended Action:

Intel anticipates a minimal validation effort for this conversion. Customers will need BIOS update. Once BIOS is 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:

Marketing Name	Processor #	Freq	Step	Pre Conversion Product Code	Pre Conversion S-Spec	Pre Conversion MM#	Qual Product Code	Qual Sample QDF#	Qual Sample MM#	Post Conversion Step	Pot Conversion Product Code	Post Conversion S-Spec	Post Conversion MM#
Intel® Core™2 Duo Processor	P7450	2.13 GHz	M-0	AW80577SH0463M	S LB54	897724	AW80577GH0463M	Q JAW	898726	R-0	AW80577SH0463M	S LGF7	899831

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

June 8, 2009

00

Originally Published PCN

June 9, 2009

01

Correcting Processor Number in Product Table

June 19, 2009

02

Clarify Sample Information