



Product Change Notification

105761 – 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 #: 105761 - 02
Change Title: Intel® Pentium® D Processors 930, 940 and 950, PCN 105761-00, FFF, B-1 to C-1 Stepping Conversion, Reason for Revision: Correct the Qualification Sample Information
Date of Publication: March 2, 2006

Type of Change Notification:
FFF - (Form-Fit-Function)

Key Characteristics of the Change:
Product Design

Forecasted Key Milestones:

Date of Samples Availability:	February 24, 2006
Date of Qualification Data Availability:	April 10, 2006
Date Customer Must be Ready to Receive Post-Conversion Material:	April 24, 2006
Date of First Availability of Post-Conversion Material:	April 5, 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 2

The PCN revision is being published to correct the Qualification Sample Information. See Product Table below.

Reasons for Revision 1

This PCN revision is being published to:

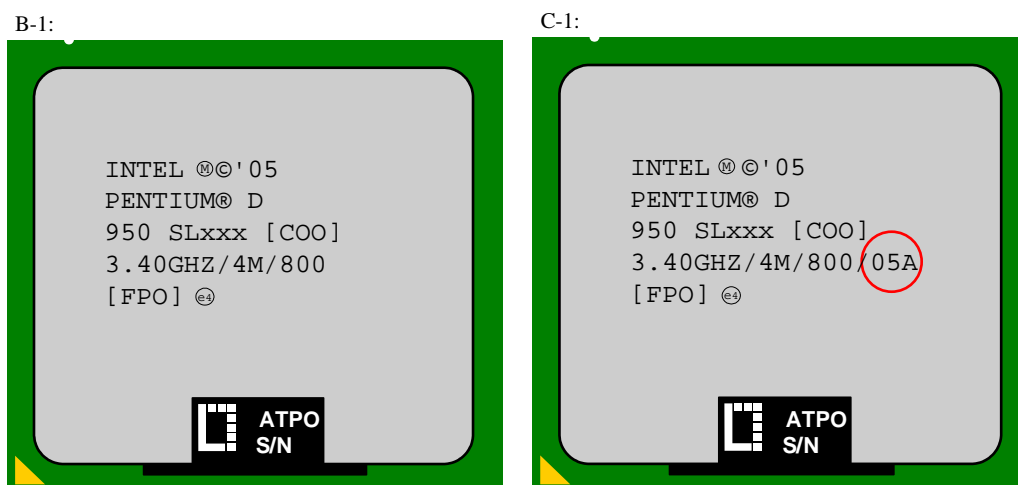
- Communicate that the Pentium D Processor 950 will also change from the 2005 Performance FMB (130W) to the 2005 Mainstream FMB (95W)
- Withdraw the B-1 to C-1 processor stepping conversion of the Pentium D Processor 920. Due to the addition of new Intel® Pentium® D Processor 900 Sequence top bin products with the C-1 stepping, Intel has decided to keep the Pentium D Processor 920 on the B-1 stepping through End of Life.

From the Original PCN

Intel® Pentium® D Processors 920, 930, 940 and 950 will undergo the following changes for the B-1 to C-1 processor stepping conversion:

- CPUID will change from F62 to F64

- C-1 is pin compatible with B-1
- New S-specs for converting products
- The advanced power management features Enhanced HALT State and Enhanced Intel SpeedStep® Technology will be enabled
- The Pentium D Processor 940 change from the 2005 Performance FMB (130W) to the 2005 Mainstream FMB (95W)
- The Platform Compatibility Guide indicating the processor FMB will be added to the processor mark as illustrated with the following example:



Please refer to the *Intel® Pentium® D Processor 900 Sequence and Intel® Pentium® Processor Extreme Edition 955 Datasheet* and the *Preliminary Intel® Pentium® Processor Extreme Edition and Intel® Pentium® D Processor on 65nm Process Specification Update - NDA* for the latest specification information.

Customer Impact of Change and Recommended Action:

Given the limited extent of the changes, only incremental application/system testing should be required on the new stepping with regard to the advanced power management features. For the Pentium D Processor 940 and 950, verification should include the 2005 Mainstream FMB test suite.

Products Affected / Intel Ordering Codes:

Intel® Pentium® D Processors

Product Code	Processor Number	Frequency	Pre-Conversion Production Units		Post-Conversion Qualification Samples		Post-Conversion Production Units	
			S-Spec	MM #	QDF #	MM #	S-Spec	MM #
HH80553PG0804M	930	3.0 GHz	SL94R	878542	QMVD	878998	SL95X	878857
HH80553PG0884M	940	3.2 GHz	SL94Q	878544	QMVA	878996	SL95W	878854
HH80553PG0964M	950	3.4 GHz	SL94P	878541	QPJT	880748	SL95V	878855

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

January 24, 2006

00

Originally Published PCN

February 08, 2006

01

Communicate that the Pentium D Processor 950 will also change from the 2005 Performance FMB to the 2005 Mainstream FMB. Withdraw the B-1 to C-1 processor stepping conversion of the Pentium D Processor 920.

March 2, 2006

02

Correct the Qualification Sample Information