



Product Change Notification

103930 – 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 geography 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

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Product Change Notification

Change Notification #: 103930 - 00
Change Title: Intel® Pentium® 4 Processor Extreme Edition Supporting Hyper-Threading Technology: Cross Shipment of Six & Eight Interconnect Metal Layers, PCN 103930-00, FYI
Date of Publication: March 02, 2004

Type of Change Notification:
FYI - (For Your Information)

Key Characteristics of the Change:
Product Design

Forecasted Key Milestones:

Customers Must be Ready to Receive by:	April 2, 2004
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Description of Change to the Customer:

Intel® Pentium® 4 processor Extreme Edition supporting Hyper-Threading Technology, built on two 0.13 micron processes will be shipping to customers. The following describes the two 0.13 micron processes:

- The original and the alternate processes differ in the following:

Original 0.13 micron process	Alternate 0.13 micron process
6 interconnect metal layers	8 interconnect metal layers
- Processors built on both 0.13 micron processes will implement the same CPUID
- There are no logic changes and no re-design of the circuits.
- The processors' electrical, thermal and mechanical properties are equivalent in form-fit-function.
- Revision 2.7 of the *Intel® Pentium® 4 Processor with 512-KB L2 Cache on 0.13 Micron Process and Intel® Pentium® 4 Processor Extreme Edition Supporting Hyper-Threading Technology, Electrical, Mechanical, and Thermal Specifications (EMTS)* is not affected.

Customer Impact of Change and Recommended Action:

No additional qualification activity is required since processors built on both 0.13 micron processes are equivalent. Customers are expected to receive cross shipments of processors with the same S-Spec and MM# for Intel® Pentium® 4 processors Extreme Edition supporting Hyper-Threading Technology.

Please contact your local field representative for further information.

Products Affected / Intel Ordering Codes:

Intel® Pentium® 4 Processor

Marketing Name	Frequency	Product Code	S-Spec	Material Master #	Stepping
Intel® Pentium® 4 Processor Extreme Edition Supporting Hyper-Threading Technology	3.20 GHz	RK80532PG0882M	SL7AA	857360	M-0
Intel® Pentium® 4 Processor Extreme Edition Supporting Hyper-Threading Technology	3.40 GHz	RK80532PG0962M	SL7CH	858099	M-0

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

March 2, 2004

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Originally Published PCN