



# Product Change Notification

## # 102656 - 00

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**Change Notification #:** 102656 - 00  
**Change Title:** **Boxed Intel® Pentium® III Processor and Boxed Intel® Celeron® Processor, PCN 102656-00, FYI, A-1 to B-1 Stepping Conversion**  
**Date of PCN Publication:** **Wednesday, June 26, 2002**

**Type of Change Notification:**

FYI (for-your-information)

**Key Characteristics of the Change:**

Product Design

**Forecasted Key Milestones:**

**Date Customer Must be Ready to Receive Post-Conversion Material:** July 15, 2002

**Date of First Availability of Post-Conversion Material:** July 15, 2002

*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:**

The Intel® Pentium® III processors and Intel® Celeron® processors will undergo the following changes:

- A-1 to B-1 core processor stepping change
- CPUID change. B-1 step processors will have a return value of 0x06B4
- Brand ID Index changes
- The number of capacitors on the bottom side of the FCPGA2 package has been reduced from twelve 1.0 uF capacitors to nine 1.5 uF capacitors while maintaining equivalent performance
- B-1 step processors will have a Vcc of 1.5 volts
- Correction of errata

The Intel® Pentium® III processor with 512KB L2 Cache will undergo the following changes:

- A-1 to B-1 core processor stepping change
- CPUID change. B-1 step processors will have a return value of 0x06B4
- Brand ID Index changes
- The number of capacitors on the bottom side of the FCPGA2 package has been reduced from twelve 1.0 uF capacitors to nine 1.5 uF capacitors while maintaining equivalent performance. The Low Voltage Intel® Pentium® III Processor 800 MHz with 512KB L2 Cache (DP) in Micro-FCBGA package is not affected by this change
- Correction of errata

For further technical information and detailed descriptions of this change, please refer to the appropriate Specification Update and Datasheet from your Intel representative or on the internet at <http://developer.intel.com>.

## Customer Impact of Change and Recommended Action:

None

## Products Affected / Intel Ordering Codes:

### Component Products Table

#### Boxed Intel® Pentium® III Processor

Pre-Conversion Product Code		Pre-Conversion Production Units Core Stepping: A-1 CPUID: 0x06B1		Post-Conversion Production Units Core Stepping: B-1 CPUID: 0x06B4	
Product Code	Frequency	S-Spec	MM#	S-Spec	MM#
BX80530C1133512	1.13 GHz	SL5LV	836384	SL6JM	849052
BX80530C1266512	1.26 GHz	SL5LW	836583	SL6JN	849044
BX80530C1400512	1.40 GHz	SL657	843849	SL6JP	849020
BX80530C1133256	1.13 GHz	SL5LT SL5GQ	836397 837929	SL6JK	849054
BX80530C1200256	1.20 GHz	SL5PM SL5GN	836605 837930	SL6JL	849053

#### Boxed Intel® Celeron® Processor

Pre-Conversion Product Code		Pre-Conversion Production Units Core Stepping: A-1 CPUID: 0x06B1		Post-Conversion Production Units Core Stepping: B-1 CPUID: 0x06B4	
Product Code	Frequency	S-Spec	MM#	S-Spec	MM#
BX80530F1000256	1A GHz	SL5ZF SL5VP	839625 840749	SL6JQ	849024
BX80530F1100256	1.10A GHz	SL5ZE SL5VQ	839626 841188	SL6JR	849023
BX80530F1200256	1.20GHz	SL5Y5 SL5XS SL68P	838630 840732 845497	SL6JS	849022
BX80530F1300256	1.30 GHz	SL5ZJ	839623	SL6JT	849021
BX80530F1400256	1.40 GHz	SL68G SL6E4	845435 847464	SL6JU	849019

## Reference Documents / Attachments:

Document:

Location #:

## PCN Revision History:

Date of Revision:

Revision Number:

Reason:

Jun 26, 2002

00

Originally Published PCN

