



Product Change Notification

106206 - 01

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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 #: 106206 - 01
Change Title: Intel® Celeron® D Processors 347, 352 and 356, PCN 106206-01, Product Design, C-1 to D-0 Stepping Conversion
Date of Publication: September 13, 2006

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date of Samples Availability:	May 16, 2006
Date of Qualification Data Availability:	Nov 15, 2006
Date Customer Must be Ready to Receive Post-Conversion Material:	Dec 06, 2006
Date of First Availability of Post-Conversion Material:	Dec 06, 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:

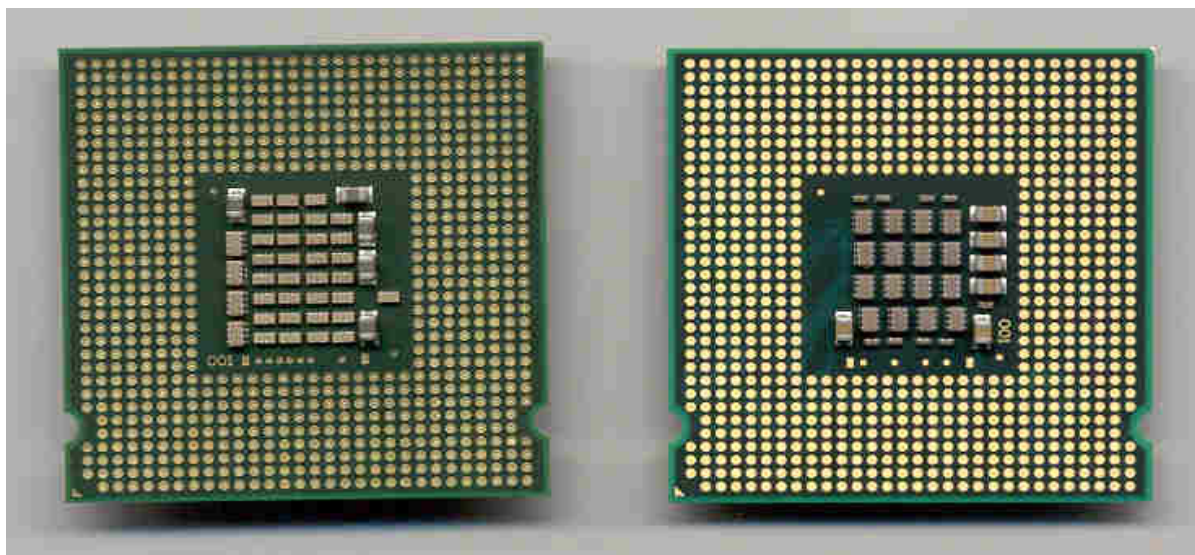
Reason for Revision: PCN republished to capture new customers and to correct S-spec information

The Intel® Celeron® D Processors 347, 352 and 356 will undergo the following changes for the C-1 to D-0 processor stepping conversion:

- CPUID will change from F64 to F65.
- New S-specs for converting products.
- Converting products will change from the 2005 Mainstream FMB (95W) to the 2006 FMB (65W)
- TDP will change from 86W to 65W, Max Icc will change from 100A to 65A, Max Icc_StopGrant will change from 50A to 40A, Max Icc_Enhanced_auto_halt will change from 40A to 25A, and thermal profile will change from 05A to 06 thermal profile.
- The Electrical, Mechanical and Thermal Specifications remain within the current specifications. Intel anticipates no changes to current customer platforms designed to Intel guidelines
- Converting products will ship in the Alternate Equivalent package only. While the packages are visually different, Intel anticipates no changes to customer platforms designed to Intel guidelines (Please see below)

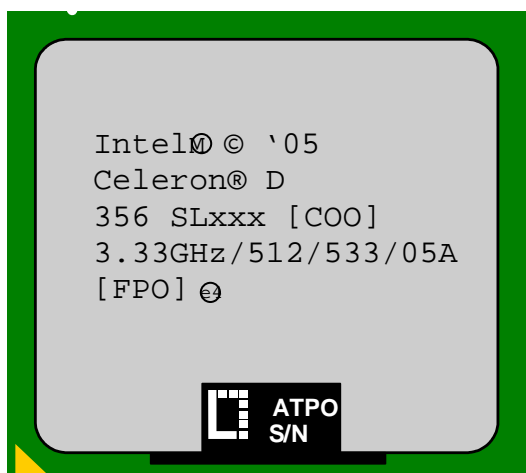
Original Package

Alternate Equivalent Package

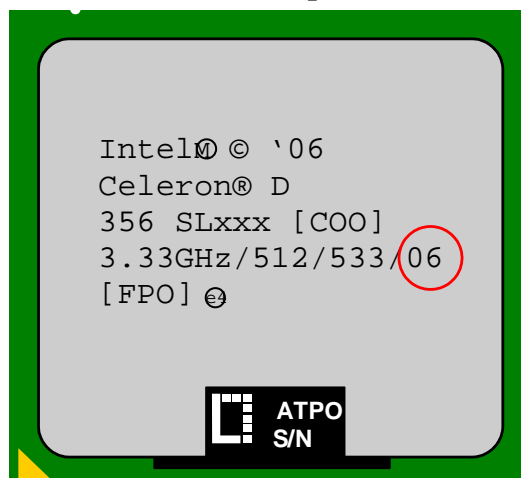


- The Platform Compatibility Guide indicating the processor FMB will be changing from 05 to 06 in the processor mark as illustrated with the following example:

C-1 Step



D-0 Step



Please refer to the Intel® Celeron® D Processor 300 Sequence Update on 65nm process - NDA for the latest specification information.

Customer Impact of Change and Recommended Action:

New BIOS update will be required for the D-0 step. Intel recommends incremental validation based on the changes listed above. This may include, but not limited to, basic functional testing, thermal/acoustics, BIOS and confidence tests using major operating systems.

Samples running at a frequency of 3.60GHz (QQIA/882091) were provided for customer validation purposes in June 2006. These samples are frequency limited, but unlocked, to support validation of the Celeron D 356, 352 and 347. Intel also recommends that customers perform validation at 3.60GHz in anticipation of possible future product introductions.

Products Affected / Intel Ordering Codes:

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 #
N/A	N/A	3.60 GHz	N/A	N/A	QQIA	882091	N/A	N/A
HH80552RE093512	356	3.33 GHz	S L96N	878873			SL9KL	882917
HH80552RE088512	352	3.20 GHz	S L96P	878874			SL9KM	882916
HH80552RE083512	347	3.06 GHz	SL9XU	886783			SL9KN	882918

Reference Documents / Attachments:

Document: _____ **Location #:** _____

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
September 06, 2006	00	Originally Published PCN
September 13, 2006	01	PCN republished to capture new customers and to correct S-spec information