



Product Change Notification

106751 - 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 #: 106751 - 01
Change Title: Intel® Core™ Duo ULV processors U2500 and U2400, Intel® Core™ Solo ULV processors U1400 and U1300, PCN 106751-01, Order Code, C-0 to D-0 Stepping Conversion, Reason for Revision: Adding Product Code/SAP Translation Table
Date of Publication: February 22, 2007

Key Characteristics of the Change:

Order Code

Forecasted Key Milestones:

Date of Samples Availability:	Nov 17, 2006
Date Customer Must be Ready to Receive Post-Conversion Material:	Jan 26, 2007
Date of First Availability of Post-Conversion Material:	Jan 26, 2007

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: Adding Product Code Translation Table – Please see Product Code/SAP Translation table below Products Affected / Intel Ordering Codes

In order to incorporate speed enhancements for Yonah Based Processors, Intel is converting the Intel® Core™ Duo ULV Processors U2500 and U2400, Intel® Core™ Solo ULV Processors U1400 and U1300 from C-0 Stepping to D-0 Stepping.

- A BIOS update is required for D-0 Step Products.
- The D-0 stepping is backwards compatible with the C-0 stepping.
- All C-0 products supported under Intel's Stable Image Platform Program (ISIPP) will continue to be supported on D-0 stepping.
- Intel® Core™ Duo ULV processors U2500 and U2400 will be offered on D-0 Stepping material using a package with Reverse Geometry Capacitors.

- Intel® Core™ Solo ULV processors U1400 and U1300 will be offered on D-0 Stepping material using a package with Inter-digitated Capacitors.
- The visible package differences are cosmetic only.

This PCN provides details for products in the Phase 3 Conversion Timeline. Intel plans to conduct conversion of Intel® Core™ Duo Processors, Intel® Core™ Solo Processors and Intel® Celeron® M C-0 processors over three phases. A PCN will be provided for each phase.

Customer Impact of Change and Recommended Action:

- Minimal validation effort for this conversion is expected as there are no logic changes between C-0 Stepping and D-0 Stepping.
- D-0 stepping will require a BIOS Update.
- No platform thermal changes expected.
- Customers should be ready to receive a combination of both D-0 step material and C-0 step material by January 26th, 2007 (See "Date Customer Must be Ready to Receive Post-Conversion Material" above) for Intel® Core™ Duo ULV Processors U2500 and U2400, Intel® Core™ Solo ULV Processors U1400 and U1300.
- New QDF#, S-Spec, MM numbers will be provided for D-0 Step Qualification Samples and Production units.

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#
LE80539UE0092M	U2500	1.20 GHz / 533 MHz	SL99V	879592	QOBV	879948	SL9JQ	882751
LE80539UE0042M	U2400	1.06 GHz / 533 MHz	SL99W	879593	QOBN	879944	SL9UR	885507
LE80538UE0092M	U1400	1.20 GHz / 533 MHz	SL8W6	876105	QNBR	879698	SL9LB	883592
LE80538UE0042M	U1300	1.06 GHz / 533 MHz	SL8W7	876106	QNBZ	879703	SL9LA	883587

Product Code/SAP Translation Table:

<u>Product Name</u>	<u>Product Code on PCN</u>	<u>Product Code on System (SAP)</u>	<u>MM#</u>
Core Duo U2500 (1.20GHz) D-0 stepping	LE80539UE0092M SL9JQ	LE80539UE0092M X SL9JQ	882751
Core Solo U1400 (1.20GHz) D-0 stepping	LE80538UE0092M SL9LB	LE80538UE0092M X SL9LB	883592
Core Solo U1300 (1.06GHz) D-0 stepping	LE80538UE0042M SL9LA	LE80538UE0042M X SL9LA	883587

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

September 28, 2006

February 22, 2007

Revision Number:

00

01

Reason:

Originally Published PCN

Adding Product Code Translation
Table