



Product Change Notification

106352 - 04

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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 #: 106352 - 04
Change Title: Intel® Core™ Duo Processors: T2300/T2300E (1.66GHz), L2400 (1.66GHz), L2300 (1.5GHz), Intel® Core™ Solo Processors: T1400 (1.83GHz), T1300 (1.66GHz), Intel® Celeron® M Processor 430, PCN 106352-04, 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:

	L2300/L2400	T2300/T2300E, T1400/T1300, 430
Date of Samples Availability:	Jun 23, 2006	Jun 23, 2006
Date Customer Must be Ready to Receive Post-Conversion Material:	Nov 10, 2006	Jan 26, 2007
Date of First Availability of Post-Conversion Material:	Nov 10, 2006	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 provide better product availability, Intel is adjusting the Intel(r) Core(tm) Duo Processors: T2300/T2300E (1.66GHz), Intel® Core™ Solo Processors: T1400 (1.83GHz) , T1300 (1.66GHz), Intel® Celeron® M Processor 430 ready-to-receive date from November 10, 2006 to January 26, 2007.

In order to incorporate speed enhancements for Yonah Based Processors, Intel is converting the Intel® Core™ Duo Processors T2300, T2300E, L2400, L2300, Intel® Core™ Solo Processors T1400, T1300 and Intel® Celeron M 430 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.
- To improve package quality, D-0 Stepping products use a package with Reverse Geometry Capacitors. The visible package differences are cosmetic only.

This PCN provides details for products in the Phase 2 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 November 10th, 2006 (See “Date Customer Must be Ready to Receive Post-Conversion Material” above) for Intel® Core™ Duo Processors L2400 and L2300
- 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(r) Core(tm) Duo Processors: T2300/T2300E (1.66GHz), Intel® Core™ Solo Processors: T1400 (1.83GHz) , T1300 (1.66GHz), Intel® Celeron® M Processor 430
- New QDF#, S-Spec, MM numbers will be provided for D-0 Step Qualification Samples and Production units.

Products Affected / Intel Ordering Codes:

L2300/L2400 Tray Product Table

Pre – Conversion Product Code	Processor Number	Frequency	Pre-Conversion Production Units		Post-Conversion Qualification Samples		Post-Conversion Product Code	Post-Conversion Production Units	
			S-Spec	MM#	QDF #	MM#		S-Spec	MM#
LE80539LF0282M	L2400	1.66 GHz / 667 MHz	SL8VW	876121	QOAA	879925	LE80539LF0282M	SL9JT	882790
LE80539LF0212M	L2300	1.5 GHz / 667 MHz	SL8VX	876122	QOAK	879932	LE80539LF0212M	SL9JS	882789

T2300/T2300E, T1400/T1300, 430 Tray Product Table

Pre – Conversion Product Code	Processor Number	Frequency	Pre-Conversion Production Units		Post-Conversion Qualification Samples		Post-Conversion Product Code	Post-Conversion Production Units	
			S-Spec	MM#	QDF #	MM#		S-Spec	MM#
LF80539GF0282M	T2300	1.66GHz / 667 MHz	SL8VR	876116	QNOR	879873	LF80539GF0282M	SL9JL	882784
LE80539GF0282M	T2300	1.66GHz / 667 MHz	SL8VV	876120	QNTC	879914	LE80539GF0282M	SL9JY	882796
LF80539GF0282ME	T2300E	1.66 GHz / 667 MHz	SL9DM	881564	QQPK	882839	LF80539GF0282ME	SL9JE	882778
LE80539GF0282ME	T2300E	1.66 GHz / 667 MHz	SL9DN	881587	QQQO	882864	LE80539GF0282ME	SL9JV	882792
LF80538GF0342M	T1400	1.83 GHz / 667 MHz	SL92V	877429	QNDY	879432	LF80538GF0342M	SL9L5	883398
LE80538GF0342M	T1400	1.83 GHz / 667 MHz	SL92X	877425	QNFM	879659	LE80538GF0342M	SL9LJ	884047
LF80538GF0282M	T1300	1.66 GHz / 667 MHz	SL8VY	876099	QNEE	879438	LF80538GF0282M	SL9L4	883419
LE80538GF0282M	T1300	1.66 GHz / 667 MHz	SL8W3	876102	QPAS	880227	LE80538GF0282M	SL9LH	884039
LE80539LF0282M	L2400	1.66 GHz / 667 MHz	SL8VW	876121	QOAA	879925	LE80539LF0282M	SL9JT	882790
LE80539LF0212M	L2300	1.5 GHz / 667 MHz	SL8VX	876122	QOAK	879932	LE80539LF0212M	SL9JS	882789
LF80538NE0301M	430	1.73 GHz / 533 MHz	SL92F	877246	QNKR	879539	LF80538NE0301M	SL9KV	883487

Product Code/SAP Translation Table

Product Name	Product Code on PCN	Product Code on System (SAP)	MM#
Core Duo T2300 (1.66GHz) D-0 stepping PGA	LF80539GF0282M SL9JL	LF80539GF0282M X SL9JL	882784
Core Duo T2300 (1.66GHz) D-0 stepping BGA	LE80539GF0282M SL9JY	LE80539GF0282M X SL9JY	882796
Core Solo T1400 (1.83GHz) D-0 stepping PGA	LF80538GF0342M SL9L5	LF80538GF0342M E SL9L5	883398
Core Solo T1300 (1.66GHz) D-0 stepping PGA	LF80538GF0282M SL9L4	LF80538GF0282M E SL9L4	883419
Celeron M 430 (1.73GHz) D-0 stepping PGA	LF80538NE0301M SL9KV	LF80538NE0301M E SL9KV	883487
Core Solo T1400 (1.83GHz) D0-Stepping BGA	LE80538GF0342M SL9LJ	LE80538GF0342M E SL9LJ	884047
Core Solo T1300 (1.66GHz) D0-Stepping BGA	LE80538GF0282M SL9LH	LE80538GF0282M E SL9LH	884039
Core Duo LV (1.5GHz) D-0 stepping BGA	LE80539LF0282M SL9JT	LE80539LF0282M X SL9JT	882790
Core Duo LV (1.33GHz) D-0 stepping BGA	LE80539LF0212M SL9JS	LE80539LF0212M X SL9JS	883487

Boxed Product Table

Product Code	Processor Number	Frequency	Pre-Conversion Production Units		Post-Conversion Production Units	
			S-Spec	MM#	S-Spec	MM#
BX80539T2300	T2300	1.66GHz / 667 MHz	SL8VR	878612	SL9JL	883286
BX80539T2300E	T2300E	1.66 GHz/ 667 MHz	SL9DM	882668	SL9JE	883288
BX80538T1400	T1400	1.83 GHz/ 667 MHz	SL92V	882674	SL9L5	884484
BX80538T1300	T1300	1.66 GHz/ 667 MHz	SL8VY	878614	SL9L4	884479
BX80538430	430	1.73 GHz/ 533 MHz	SL92F	880419	SL9KV	884486

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

May 19, 2006

00

Originally Published PCN

May 26, 2006

01

Corrections made to affected products

August 24, 2006

02

Incorrect Product Code Information; Adjusted the Intel® Core™ Duo Processors: T2300/T2300E (1.66GHz), T1400 (1.83GHz), T1300 (1.66GHz), Intel® Celeron® M Processor 430 ready-to-receive date from November 10, 2006 to January 26, 2007

September 12, 2006

03

Corrected T2300E Post-Conversion Qualification Sample information

February 22, 2007

04

Adding Product Code/SAP Translation Table