



Product Change Notification

111850 - 01

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Product Change Notification

Change Notification #: 111850 - 01
Change Title: Intel® Desktop Board D2500CC, Boxed and Bulk
PCN 111850-01, Product Design, Documentation, PCB Change, BIOS Update, and Attention Flyer Update
Reason for Revision: BIOS Update
Date of Publication: December 26, 2012

Key Characteristics of the Change:
Product Design

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Jan 14, 2013
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Description of Change to the Customer:

Reason for Revision: BIOS Update

The PCB is being updated as follows:

- 1) To support the 2013 EU eco-design directive Energy-related Products (ErP) Lot 6
- 2) To enhance the Backlight Control circuitry
- 3) To swap LVDS Channel 0/1. As a result, the LVDS 40-pin connector definition will be changed to the following:

Pin	Signal Name	Pin	Signal Name
1	ODD_Lane3_P	21	N/C
2	ODD_Lane3_N	22	EDID_3.3 V
3	ODD_Lane2_P	23	LCD_GND
4	ODD_Lane2_N	24	LCD_GND
5	ODD_Lane1_P	25	LCD_GND
6	ODD_Lane1_N	26	ODD_CLK_P
7	ODD_Lane0_P	27	ODD_CLK_N
8	ODD_Lane0_N	28	BKLT_GND
9	EVEN_Lane3_P	29	BKLT_GND
10	EVEN_Lane3_N	30	BKLT_GND
11	EVEN_Lane2_P	31	EDID_CLK
12	EVEN_Lane2_N	32	BKLT_ENABLE
13	EVEN_Lane1_P	33	BKLT_PWM_DIM
14	EVEN_Lane1_N	34	EVEN_CLK_P
15	EVEN_Lane0_P	35	EVEN_CLK_N
16	EVEN_Lane0_N	36	BKLT_PWR
17	EDID_GND	37	BKLT_PWR
18	LCD_VCC	38	BKLT_PWR
19	LCD_VCC	39	N/C
20	LCD_VCC	40	EDID_DATA

- 4) Update BIOS from CCCDT10N.86A.0035 to **CCCDT10N.86A.0037**. To access the release notes or get a copy of the BIOS for evaluation, go to <http://downloadcenter.intel.com>.

Additionally, the Attention Flyer is being updated.

Customer Impact of Change and Recommended Action:

It is recommended that customers evaluate the new BIOS to ensure a smooth transition. Intel validation of a new board revision does not include testing with older versions of BIOS. This change is not expected to cause a change to the Microsoft Windows* operating system's software driver stack.

The LVDS pin definition change will affect most single-channel LVDS implementations. Please review the changes and re-design your LVDS cables if necessary. Dual-channel LVDS implementations will not be affected by this change and existing cables can be used.

NOTE: New board revisions cannot be downgraded to an older BIOS version.

These changes have been thoroughly evaluated to ensure there is no quality or reliability implication to our customers. Intel is not recommending additional qualification of these changes on platforms received from Intel.

Intel will attempt to deplete pre-conversion material before shipping post-conversion material but there is a possibility of Intel shipping mixed inventory. Therefore, customers will need to manage and migrate to the post-conversion material as soon as possible.

NOTE: MM#s will be changing and customers need to place future orders with the new MM#s.

Milestone dates are estimates and subject to change based on business and operational conditions.

*Other names and brands may be claimed as the property of others.

Products Affected / Intel Ordering Codes:

Product Code	Pre Change MM#	Pre Change AA	Post Change MM#	Post Change AA
BLKD2500CCE	917658	G43156-306	926386	G81477-400

PCN Revision History:

Date of Revision:	Revision Number:	Reason:
November 5, 2012	00	Originally Published PCN
December 26, 2012	01	BIOS Update