



# Product Change Notification

## 106470 - 00

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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 #:** 106470 - 00  
**Change Title:** NTDU27AB, PCN 106470-00, Product Material, Product migration to comply with the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) Directive  
**Date of Publication:** June 27, 2006

## Key Characteristics of the Change:

Product Material

## Forecasted Key Milestones:

<b>Date Customer Must be Ready to Receive Post-Conversion Material:</b>	Jul 14, 2006
<b>Date of First Availability of Post-Conversion Material:</b>	Jul 14, 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:

NTDU27AB will be undergoing changes to several of components. These changes are to remove or reduce a number of restricted substances below the levels required by the European Union's Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS Directive), 2002/95/EC, as amended. The RoHS Directive limits the amount of lead (Pb), mercury (Hg), cadmium (Cd), hexavalent chromium (Cr VI), polybrominated biphenyls (PBB), or polybrominated diphenyl ethers (PBDE) in electrical and electronic products.

## Customer Impact of Change and Recommended Action:

The customer should see no change to form, fit, or function as a result of the changes. As part of this process, Intel will re-validate all affected product parameters to ensure that each affected product performs like the product it replaces. There are no software (system release) changes required for the replacement products listed in the product table below.

**Product Codes and Markings:**

The replacement products will be marked such that one will be able to tell from reading the box labels or the product labels whether each product is designed to comply with the RoHS Directive and whether the product relies on a leaded solder exemption under the RoHS Directive. As you can tell from the product code list below, products relying on a leaded solder exemption (commonly known as RoHS 5/6) are appended with the letter "W". The Product Code (Item Market Name) is both on the shipping box and on the board front panel bracket. If customers should require a document from Intel that states the level of RoHS compliance for these products, a Material Declaration Datasheet (MDDS) is available for each replacement product and can be provided if requested.

See the table below for new Product Codes and MM numbers. The replacement products will be orderable after June 1, 2006. The pre change products will still be available to order for approximately one month (August 31, 2006) after RoHS 5/6 compliant product are available. The First Availability Date of RoHS Product is an 80 percent confidence date. If this date slips the availability of pre change product will be extended for an equal period of time.

Contact your sales representative for additional migration information and/or any issues you may have with this plan.

**Products Affected / Intel Ordering Codes:**

**Board Product Table**

Pre-Change Product Code	Pre-Change MM#	Post-Change Product Code	Post-Change MM#
NTDU27AB	875887	NTDU27ABE5	882571

**Reference Documents / Attachments:**

Document:	Location #:
Intel RoHS / Lead (Pb) Compliant Product Search	<a href="http://indigo.intel.com/leadfree/Public/LeadfreeProductSearch.aspx">http://indigo.intel.com/leadfree/Public/LeadfreeProductSearch.aspx</a>
Intel RoHS / Lead (Pb) Free Site	<a href="http://www.intel.com/technology/silicon/leadfree.htm">http://www.intel.com/technology/silicon/leadfree.htm</a>

**PCN Revision History:**

Date of Revision:	Revision Number:	Reason:
June 27, 2006	00	Originally Published PCN