



Product Change Notification

105987 - 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 #: 105987 - 00
Change Title: Optical Networking 10/100 Repeater, PCN 105987-00, Product Design, LXT98xx.B4 and LXT9880.A5 to LXT98xx.A6, Conversion, Transition to RoHS, Order Code Change, Product Marking Change
Date of Publication: March 02, 2006

Key Characteristics of the Change:

Product Design

Forecasted Key Milestones:

Date of Samples Availability:	Feb 28, 2006
Date of Qualification Data Availability:	Feb 28, 2006
Date Customer Must be Ready to Receive Post-Conversion Material:	May 31, 2006
Date of First Availability of Post-Conversion Material:	Feb 28, 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:

Intel will be migrating customers for the LXT98xx.B4 and LXT9880.A5 to a new stepping, the LXT98xx.A6. For customers using the LXT98xx.B4 this also reflects a change in wafer fabrication site. Stepping A5 and A6 are from the same wafer fabrication site.

- There is no change in the form, fit or function.
- The Erratum in the Specification Update has been fixed. (See Attachment 1)
- The product device ID changes to reflect the product stepping.

In order to be inline with Intel's Pb-free (Lead-free) and RoHS initiative we will be adopting a standard process for the products listed in the Products Affected Table below. During the standardization process the lead finish will be changed from Tin/Lead (Sn Pb) wave soldering to Tin Plating. Tin Plating is a Pb-free process. As a result of our investigation, to our knowledge the amount of cadmium, hexavalent chromium, mercury, polybrominated biphenyls (PBB), and polybrominated diphenyl ethers (PBDE) is either not detected or below the threshold targets for RoHS (Restriction on Hazardous Substances). Please see reference documents.

Customer Impact of Change and Recommended Action:

Orders for B4 or A5 material will be converted to A6 material upon depletion of B4 inventory.

It is recommended that customers using the LXT98xx.B4/A5 silicon qualify the LXT98xx.A6 silicon for their designs. Samples and production parts for the LXT98XX.A6 silicon are available and customers are requested to start the qualification process at their earliest convenience.

The marketing package designator will also change to reflect Pb-free packaging. In order to facilitate this change a new MM# has been created for the affected products. Please see table below.

Products Affected / Intel Ordering Codes:

Component Product Table

Pre-Conversion Product Code	Pre-Conversion Spec/ROM	Pre-Conversion MM#	Post-Conversion Product Code	Post-Conversion Spec/ROM	Post-Conversion MM#
HBLXT9860AHC.B4		837730	WBLXT9860AHC.A6		882115
HBLXT9860AHC.B4	S E001	837732	WBLXT9860AHC.A6	S E001	882116
HBLXT9863AHC.B4		837734	WBLXT9863AHC.A6		882119
HBLXT9863AHC.B4	S E001	837735	WBLXT9863AHC.A6	S E001	882259
HBLXT9880AHC.B4		837736	WBLXT9880AHC.A6		882123
HBLXT9880AHC.B4	S E001	837737	WBLXT9880AHC.A6	S E001	882124
HBLXT9883AHC.B4		837738	WBLXT9883AHC.A6		882257
HBLXT9883AHC.B4	S E001	837739	WBLXT9883AHC.A6	S E001	882247
HDLXT9880AGE.B4		837896	WDLXT9880AGE.A6		882104
HDLXT9880AGE.B4	S E001	837897	WDLXT9880AGE.A6	S E001	882113
WDLXT9880AGE.A5	Q E000	873104	WDLXT9880AGE.A6		882104
WDLXT9880AGE.A5	S L8RC	873068	WDLXT9880AGE.A6	S E001	882113

Reference Documents / Attachments:

Document: Material Declaration Data Sheet
Location #: http://download.intel.com/design/packtech/material_content_IC_Package.pdf#pagemode=bookmark

Document: Intel Lead Free Solutions
Location #: <http://www.intel.com/research/silicon/leadfree.htm>

Location #:

Attachment: LXT98xx Specification Update



PCN Revision History:

Date of Revision:

March 2, 2006

Revision Number:

00

Reason:

Originally Published PCN