



Product Change Notification

106245 - 02

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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 #: 106245 - 02
Change Title: Intel® TXN1322x Small Form Factor 10Gbps Optical Transceiver, PCN 106245-02, Manufacturing Site, Assembly Site Change to Thailand, Reason for Revision: Add TXN132201013DC1 SKU to Products Affected table
Date of Publication: June 13, 2007

Key Characteristics of the Change:

Manufacturing Site

Forecasted Key Milestones:

Date of Samples Availability:	Nov 20, 2006
Date of Qualification Data Availability:	Dec 18, 2006
Date Customer Must be Ready to Receive Post-Conversion Material:	Feb 19, 2007
Date of First Availability of Post-Conversion Material:	Jan 15, 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 02: Add TXN132201013DC1 SKU to Products Affected table

Reason for Revision 01: to Extend the Milestone Dates and Added Enhanced Firmware Changes

Rev 00 Milestones:

Date of Samples Availability:	Oct 31, 2006
Date of Qualification Data Availability:	Nov 30, 2006
Date Customer Must be Ready to Receive Post-Conversion Material:	Jan 31, 2007
Date of First Availability of Post-Conversion Material:	Nov 30, 2006

The Intel® TXN1322x 300-pin optical transceivers listed in the Products Affected table below will have transmit and receive optical modules assembled at a 2nd factory in Thailand starting November 20, 2006. Assembly and test processes in the 2nd factory are equivalent to current US factory.

The TXN1322x transceivers listed in the Products Affected Table below will continue to be assembled at our contract manufacturing facility in Malaysia.

The TXN1322x transceivers listed in the Products Affected Table below will have firmware enhancements designed to improve the command execution of the I2C interface. The three changes below all involve enhancements to the internal command processing routines that are transparent to the customer interface while improving MSA I2C command execution:

1. A non-customer interfacing change in the internal status update flag for the MSA I2C read and write routines designed to improve command execution.
2. A non-customer interfacing change in the internal status update flag for MSA I2C commands designed to remove occasional unwarranted still processing update commands.
3. A non-customer interfacing change in the internal scratch buffer handling designed to decrease MSA I2C bus reported busy interval.

Customer Impact of Change and Recommended Action:

There is an impact to the form, fit or function of the optical transceiver with the change discussed above. These modifications made to the TXN1322x transceivers listed in the Products Affected Table below do not require any line card modifications. Customer delta qualification of the off-shore transfer product may be required.

Intel is doing delta DVT and 2000hr Q&R testing on the off-shore version and will have test data available by February 12, 2007 (1000hr data available by December 18, 2006). This testing is on top of the 5000hr testing Intel has previously done for the current version of the optical transceivers. Please contact your local field representative for the delta DVT and Q&R report when it becomes available. Transceivers with off-shore manufactured optical modules can be supplied for additional customer qualification testing. Intel® requests customer needs for qualification samples are supplied to your local Intel representative to facilitate customer qualification of the off-shore transceivers.

Products Affected / Intel Ordering Codes:

Affected Product Code	Affected MM#
TXN132201013DC1	859795
TXN132201013DS7	871102
TXN132203015A51	867393
TXN132204015DS7	863141
TXN132212013AC1	877604
TXN132212013AS1	874985
TXN132214015AC1	879584
TXN132241013AS3	870307

Affected Product Code	Affected MM#
TXN132244015AS3	870309
TXN132271013AS1	874996
TXN132274013DS7	863139
TXN132274015AS1	874736
TXN132274015DS8	870310
TXN132282013AS3	877472

Reference Documents / Attachments:

Document:

Firmware Enhancements Update Presentation

Qual Data

Location #:

Please contact your Local Intel Field Sales Representative

Please contact your Local Intel Field Sales Representative

PCN Revision History:

Date of Revision:

May 9, 2006

September 27, 2006

June 13, 2007

Revision Number:

00

01

02

Reason:

Originally Published PCN
to Extend the Milestone Dates and
Added Enhanced Firmware Changes
Add TXN132201013DC1 SKU to
Products Affected table