



Product Change Notification

104173 - 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 geography 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 #: 104173 - 00
Change Title: Optical Transceiver TXN17201xxx,
TXN17209xxx, and TXN17421xxx PCN
104173-00, FFF
Date of Publication: June 9, 2004

Type of Change Notification:
FFF - (Form-Fit-Function)

Key Characteristics of the Change:

Product Design
Order Code

Forecasted Key Milestones:

Date of Samples Availability:	July 19, 2004
Date of Qualification Data Availability:	August 20, 2004
Date Customer Must be Ready to Receive Post-Conversion Material:	September 16, 2004
Date of First Availability of Post-Conversion Material:	August 23, 2004

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 is migrating its 10G multimode transceivers to use the standard TOSA/ROSA package that our supplier offers. The new TOSA/ROSA use TO-cans instead of ceramic-substrate packages, flex circuits instead of leads on the optics-to-PCB interface, and the supplier's standard TIA. In addition, the mechanical housing will be die-cast instead of made from machined parts.

Customer Impact of Change and Recommended Action:

There is an impact to the form fit or function of the optical transceiver with the changes discussed above based on the TOSA/ROSA change. These modifications made to the product do not require any modifications on the customer's boards. The changes were made to migrate to the standard version of the TOSA/ROSA package from our optics supplier. Intel is in the process of executing its complete design verification test and standard reliability test suite to achieve production ship-approval. This includes, but is not limited to, non-operational testing, shock and vibration testing and operational

testing on product. The results are expected to be available by July 23, 2004.

There is a change to Material Master ID (MM #) based on the transition. Please use the chart below for the updated MM# that will be used to order future shipments.

Product Change Summary:

Intel determined that it needs to migrate its 10G multimode transceivers to use standard product offerings from its optics supplier. The optics change affects the function of the product and Intel is executing extensive testing to address all the issues regarding reliability and functionality of the product. Test results are expected to be available by the end of July.

Products Affected / Intel Ordering Codes:

System Products Table

Affected Product Code	Pre-Change MM#	Post Change Part Code	Post-Change MM#
TXN172010850G07	855461	TXN172010850G37	859741
TXN172010850G27	860002	TXN172010850G37	859741
TXN172090850G07	855658	TXN172090850G37	859742
TXN172090850G27	860003	TXN172090850G37	859742
TXN174210850F06	857319	TXN174210850F16	859743
TXN174210850F0A	857319	TXN174210850F16	859743
TXN174210850F06	858336	TXN174210850F1A	859744
TXN174210850F06	858336	TXN174210850F1A	859744
TXN174210850F06	859153	TXN174210850F1C	859746
TXN174210850F0C	860001	TXN174210850F1C	859746

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

June 9, 2004

Revision Number:

00

Reason:

Originally Published PCN