



Product Change Notification

103863 - 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 #: 103863 - 00
Change Title: Optical Transceiver, TXN174114015, PCN 103863-00, FYI
Date of Publication: January 29, 2004

Type of Change Notification:
FYI - (For Your Information)

Key Characteristics of the Change:
Product Material
Transport Media

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Mar 02, 2004
Date of First Availability of Post-Conversion Material:	Feb 02, 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® TXN174114015F06 10GBASE-ER XENPAK optical transceiver will incur the following product update starting Feb 2 2004 as part of our plan to start full production. Customers will not require any re-qualification efforts as a result of this product update, and there will be a change to the label and transponder no physical differences of the post converted product. This notice is for customer information only.

1. Screws with no patch lock will be deployed. This change is to improve the efficiency of assembly process. The screw is torqued to proper setting and it will not disengage
2. Implemented a Build Of Material (BOM) component replacement to remove a potential power sequencing issue: if Adaptive Power Supply (APS) and 5V fixed supply are both present on the XENPAK 70-pin interface before 3.3V fixed supply comes up, it is possible that the transceiver may not turn on properly when the 3.3V supply is subsequently present. Intel has not received any field failure reports of this issue because most applications have APS powered up last but have taken action to enhance the design by replacing one capacitor with a 1K ohm resistor in the turn on circuitry. This simple hardware fix will be able to handle all power sequencing conditions.

Customer Impact of Change and Recommended Action:

Customers will not require any system nor board modifications when using post conversion material. Re-qualification is not required. For technical details of the Intel® TXN174114015 product please contact your local Intel sales representative.

Products Affected / Intel Ordering Codes:

System Products Table

Affected Product Code	MM#	Pre-Change Part # (SPEED reference)	Post Change Part # (SPEED reference)
TXN174114015F06	856083	C48389-006	C48389-007
TXN174114015F06	856488	C59360-004	C59360-005
TXN174114015F06	856489	C52044-006	C52044-007
TXN174114015F06	856490	C52045-007	C52045-008

Reference Documents / Attachments:

Document:

Location #:

For technical details of the Intel® TXN174114015 product please contact your local Intel sales representative.

PCN Revision History:

Date of Revision:

January 29, 2004

Revision Number:

00

Reason:

Originally Published PCN