



Product Change Notification

105074 - 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.

Americas Contact: asmo.pcn@intel.com

Asia Pacific Contact: apacgccb@intel.com

Europe Email: eccb@intel.com

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Product Change Notification

Change Notification #: 105074 - 00
Change Title: Intel® TXN132241013A03 STM-64/I-64.1, IEEE 802.3ae D5.0 10GBASE-LR, 7/10km Optical Transceiver, PCN 105074-00, FFF, Optics Changes and Additional Malaysia Assembly Site
Date of Publication: May 09, 2005

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

Key Characteristics of the Change:

Product Design
Manufacturing Site
Order Code

Forecasted Key Milestones:

Date of Samples Availability:	May 09, 2005
Date of Qualification Data Availability:	Jun 09, 2005
Date Customer Must be Ready to Receive Post-Conversion Material:	Aug 09, 2005
Date of First Availability of Post-Conversion Material:	Aug 09, 2005

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® TXN132241013A03 STM-64/I-64.1, IEEE 802.3ae D5.0 10GBASE-LR 7/10km SONET/10GbE 300-pin optical transceiver will be assembled at a 2nd factory in Malaysia starting May 6, 2005. Assembly and test processes in the 2nd factory are equivalent to current US factory.

The PCB for the TXN132241013AS3 will have the following minor changes: the addition of two zero ohm resistors (R1 and R25) and a change in a single resistor pad size (R169 zero ohm changes from 0402 to 0805).

The transmit optic for TXN132241013AS3 can have an alternate Monitor Photodiode (MPD). The optical modules inside the transceiver (i.e. transmitter and receiver) will continue to be manufactured at the Newark California site in USA. The 2nd factory in Malaysia will solder these optical modules to the transceiver PCB board.

Customer Impact of Change and Recommended Action:

here is an impact to the form fit or function of the optical transceiver with these changes discussed above. These modifications made to the TXN132241013A03 do not require any line card modifications. Customer delta qualification of the off-shore transfer product may be required.

Customers can distinguish off-shore units by referring to the product code, serial numbers, and country of origin. Current product made in the USA has product code TXN132241013A03, serial numbers starting with "USC", and country of origin showing "Made in USA". Product assembled from our 2nd factory in Malaysia will have product code TXN132241013AS3, serial numbers starting with "MYC", and country of origin showing "Made in Malaysia".

Intel is doing delta DVT and 2000hr Q&R testing on the off-shore version and will have test data available by June 6, 2005. This testing is on top of the 5000hr testing Intel has previously done for the TXN132241013A03 optical transceiver. Please contact your local field representative for the delta DVT and Q&R report when it becomes available. TXN132241013AS3 off-shore manufactured optical transceivers will be supplied for additional customer qualification testing.

There is a change to Product Code and Material master ID (MM #) based on this transition from the current production version to off-shore production version. Please use the chart below for the updated Product Code and MM# that will be used to order future shipments. Customers may receive mixed shipments until current inventory is depleted.

Products Affected / Intel Ordering Codes:

System Products Table

Affected Product Code	Pre-Change MM#	Post-Change Product Code	Post-Change MM#
TXN132241013A03	861911	TXN132241013AS3	870307

Reference Documents / Attachments:

Document:

2000hr Q&R Report Data

Customer specific change presentation

Delta Design Verification Test Data

TXN 13220/5/7 (Cricket-2 7km/20km/40km) 10Gbps

Optical Ser Des Transceivers Jabil Malaysia Ship

Release Approval (SRA) Plan

Location #:

Available 6/6/05 - Contact local field representative

Available 5/9/05 - Contact local field representative

Available 5/16/05 - Contact local field representative

Available 5/16/05 - Contact local field representative

PCN Revision History:

Date of Revision:

May 9, 2005

Revision Number:

00

Reason:

Originally Published PCN