



Product Change Notification

106246 - 02

Information in this document is provided in connection with Intel products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel products are not intended for use in medical, life saving, or life sustaining applications. Intel may make changes to specifications and product descriptions at any time, without notice.

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

Japan Email: jccb.ijkk@intel.com

Copyright © Intel Corporation 2006. Other names and brands may be claimed as the property of others.

Celeron, Centrino, Intel, the Intel logo, Intel Core, Intel NetBurst, Intel NetMerge, Intel NetStructure, Intel SingleDriver, Intel SpeedStep, Intel StrataFlash, Intel Viiv, Intel XScale, Itanium, MMX, Paragon, PDCharm, Pentium, and Xeon are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Learn how to use Intel Trade Marks and Brands correctly at <http://www.intel.com/intel/legal/tmusage2.htm>.



Product Change Notification

Change Notification #: 106246 - 02
Change Title: Intel(R)TXN1322x Small Form Factor
10Gbps Optical Transceiver, PCN 106246-02,
Manufacturing Site, Assembly Site Transfer
to Thailand, Reason for Revision: to Correct
Post Conversion Date to Jan 15th 2007
Date of Publication: October 06, 2006

Key Characteristics of the Change:

Manufacturing Site

Forecasted Key Milestones:

Date of Samples Availability:	Nov 27, 2006
Date of Qualification Data Availability:	Dec 18, 2006
Date Customer Must be Ready to Receive Post-Conversion Material:	Feb 26, 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: to Correct Post Conversion Date to Jan 15th 2007

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 27, 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 be 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#
TXN132201013AS2	874962
TXN132201013AS3	874982
TXN132201013AS5	874984
TXN132201013BS3	874983
TXN132201013DS1	863137
TXN132201013DT1	874981
TXN132201013ZS3	877812
TXN132203015AS1	875103
TXN132203015B41	871584
TXN132203015BS1	875104
TXN132203015ZS2	877177
TXN132203015ZS3	875908
TXN132204013B41	871189
TXN132204015B41	869825
TXN132204015BS1	870306
TXN132204015BS3	875111
TXN132204015BT1	875110
TXN132204015DS1	863138
TXN132204015DT1	875113
TXN132204015ZS3	875114
TXN132212013AT1	876561
TXN132212013CS1	875240
TXN132214015CS1	875241
TXN132241013AS1	874989
TXN132241013BS2	874991
TXN132241013DS3	874992
TXN132241013MS1	874993
TXN132241013MS3	874990
TXN132251013AS1	884473
TXN132251013MS1	874995
TXN132251013Z02	875202
TXN132254015AS1	875274

Affected Product Code	Affected MM#
TXN132254015AS3	875119
TXN132254015MS1	875120
TXN132271013AS3	874997
TXN132271013BS1	874998
TXN132271013CS1	875397
TXN132271013DS1	875725
TXN132271013DS3	874999
TXN132271013DT1	880264
TXN132273015AS1	875911
TXN132274013YS1	875000
TXN132274015BS1	875121
TXN132274015DS1	875909
TXN132274015DS3	875122
TXN132274015DT3	875123
TXN132282013AS1	875004
TXN132282013BS1	875003

Reference Documents / Attachments:

Document:

Firmware Enhancements Update Presentation

Qual Data

Location #:

lease 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

October 6, 2006

Revision Number:

00

01

02

Reason:

Originally Published PCN to Extend all the Milestone Dates and Added Firmware Enhancements to Correct Post Conversion Date to Jan 15th 2007