



Product Change Notification

108384 - 01

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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 #: 108384 - 01
Change Title: Intel® TTX115075x Tunable Laser, PCN 108384-01, Product Flow Enhancement, Reason for Revision: Added HTS Data
Date of Publication: April 23, 2008

Key Characteristics of the Change:

Product Flow Enhancement

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	May 02, 2008
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Description of Change to the Customer:

Reason for Revision: Added HTS Data refer to# 3)

The following changes to the product flow will be made as part of Intel Corporation's continuous improvement effort on the following products.

TTX115075900NC0 C-Band laser, 877188
 TTX1150759AANC0 L-band laser, 877189

1) Use the following IQC test flow to test all Filter OCRs:

1	Anneal	std anneal	Replicate std process starting condition (300C for 4 hrs/125C for 8 hrs)
2	TC	std TC	Replicate std process starting condition (-40 to 85C, 20 cycles)
3	Pre HTS test		Operational baseline; set frequency
4	HTS1	std HTS1	
5	PHTS1 test		Reject wafer if freq shift outside +/- 600MHz
6	HTS2	std HTS2	
7	PHTS2 test		Generates ratio data; reject wafer if ratio >0.6
8	Pre-FST measurements		FST test provides higher accuracy than HTS
9	FST	125C for 280 hrs	Demonstrate stability: Max shift 1.5GHz; all units must pass

2) Initiate the use of Witness Samples as stress SPC monitors on all OCR filter runs beginning WW15'08

The supplier and the supplier's contract manufacturer for coatings have agreed to use Witness Samples as a SPC stress monitor.

3) Perform 100% HTS1 and HTS2 screening on Laser assemblies using the following criteria:

HTS1	Reject wafer if freq shift outside +/-600MHz
HTS2	Generates ratio data; reject unit if ratio >0.6

Customer Impact of Change and Recommended Action:

This notification is provided for your information only. Intel is adding tests as part of our continuous effort to improve the quality of the product, no action or re-qualification of these products is required.

There is no change to the Top Assembly number (TA#) for the product with this PCN change.

Products Affected / Intel Ordering Codes:

Affected Product Code	Affected MM#	Comment
TTX115075900NC0	877188	C Band Laser
TTX1150759AANC0	877189	L Band Laser

Reference Documents / Attachments:

Document:

Location #:

PCN Revision History:

Date of Revision:

Revision Number:

Reason:

April 2, 2008

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Originally Published PCN

April 23, 2008

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Added HTS Data refer to # 3)