



# Product Change Notification

## 107759 - 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.

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# Product Change Notification

**Change Notification #:** 107759 - 00  
**Change Title:** Intel® 4/2/1Gbps Small Form Factor (SFF) Optical Transceiver, PCN 107759-00, Product Material, TXN31015D100001, Receiver Optical Sub-Assembly (ROSA) Supply  
**Date of Publication:** July 26, 2007

## Key Characteristics of the Change:

Product Material

## Forecasted Key Milestones:

<b>Date Customer Must be Ready to Receive Post-Conversion Material:</b>	Aug 26, 2007
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## Description of Change to the Customer:

### 1. Receiver Optical Sub-Assembly (ROSA) Supply Changes

A third ROSA source will be added to the supply. The new ROSA has previously passed Intel's module-level 2000-hour reliability testing on similar 4G SFF & SFP modules. The ROSA soldering pads on the printed circuit board (PCB) will be enlarged to accommodate the new ROSA and optimize the soldering result.

The module with new ROSA has passed Intel's 500-hour reliability testing. Engineering verification testing has been performed, no performance differences observed to modules built with existing ROSA supply.

### 2. TOSA Supply Changes

One of the VCSEL TOSA suppliers has moved their VCSEL epi reactor, wafer fab and production line from Richardson, Texas to Allen, Texas. The new material has passed Intel's 2,000-hour module-level qualification test.

### 3. SFF Module Guide Posts Plating Material Change

The plating material for two guide posts on the SFF module will be changed from nickel to gold to improve the solderability of the module. The new plating material has successfully passed Intel's qualification testing.

## Customer Impact of Change and Recommended Action:

Intel anticipates no impact to customer. There will be no part number or MM number change.

## Products Affected / Intel Ordering Codes:

Affected Product Code	Affected MM#
TXN31015D100001	869478

## Reference Documents / Attachments:

**Document:**

**Location #:**

4G MM SFF TXN31015D1 AOC ROSA Qual DVT Report.pdf Please Contact your Local Intel Sales Representative

4G MM SFF TXN31015D1 AOC ROSA Qual Reliability Report.pdf Please Contact your Local Intel Sales Representative

4G SFF AOC Optics PCN Qual Report.pdf Please Contact your Local Intel Sales Representative

Gold Post Qual Report 04272007.doc Please Contact your Local Intel Sales Representative

## PCN Revision History:

**Date of Revision:**

**Revision Number:**

**Reason:**

July 26, 2007

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Originally Published PCN