



Product Change Notification

Change Notification #: 114292 - 00
Change Title: The Intel® Ethernet SFP+ LR and SR Optics, retail unit Product Codes: E10GSFPLR, MM# 903240, E10GSFPSR, MM# 903239, E10GSFPSRG1P5, MM# 909923, PCN 114292-00, Product Design, Label
Date of Publication: January 04, 2016

Key Characteristics of the Change:

Product Design, Label

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	January 20, 2016
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Description of Change to the Customer:

The Intel® Ethernet SFP+ LR and SR Optics, retail unit Product Codes: E10GSFPLR, MM# 903240, E10GSFPSR, MM# 903239, E10GSFPSRG1P5, MM# 909923 will undergo the following updates:

1. In order to keep pace with the rapidly growing volume and competitive demand, our Optical Transceiver suppliers have made enhancements to their SFP+ SR and LR optical transceiver solutions through what are considered minor changes. Change description:

10Gb SFP+ SR

A next generation TIA will be introduced to improve stressed receiver sensitivity performance. Module component list has been modified with supplier designed ICs (laser driver, EEPROM, limiting amplifier) and TIA
Pin housing changed from a fixed to a moving solution
Visual alignment of supplier bail solutions

10Gb SFP+ LR

Introduction of Next Generation SFP+ LR Transmitter Optical Sub-Assembly (TOSA);
Module component list has been modified with supplier designed ICs (laser driver, EEPROM, limiting amplifier) and TIA
In addition, the solution has a change to the pin housing from fixed to a moving solution as well as a change of the bail from plastic to metal

Other

Alternate sources have been added to supplier approved manufacturer list for photodiode and micro controller for SR and LR solutions.

Effect of Change on Fit, Form, Function, Quality, and/or Reliability:

There may be some noticeable visual changes to the module form and fit but customers should not experience issues using it in the existing applications. The customers should expect no differences in functionality, quality and reliability. The device specification and manufacturing process will be the same to the current products.

All changes are deemed low-risk due to minor modification and have been validated and qualified by Intel.

Intel and Manufacturer part numbers:

Current IPN	New IPN	Current MPN	New MPN	Current MPN	New MPN
		Finisar	Finisar	Avago	Avago
E65689-001	E65689-003	FTLX8571D3BCV-IT	FTLX8571D3BCVIT1	AFBR-703SDZ-IN2	AFBR-709DMZ-IN2
E65689-002	E65689-004	FTLX8571D3BCV-I3	FTLX8571D3BCVI31	N/A	N/A
E65685-001	E65685-003	FTLX1471D3BCV-IT	FTLX1471D3BCVIT1	AFCT-701SDZ-IN2	AFCT-739DMZ-IN2
E65685-002	E65685-004	FTLX1471D3BCV-I3	FTLX1471D3BCVI31	N/A	N/A

Old Optic E65685-001



New Optic E65685-003



Old Optic E65689-001



New Optic E65689-003



2. Australia Regulatory Mark Change

- The Australian Communications and Media Authority's (ACMA) labeling arrangements to reflect regulatory compliance changed on 1 March 2013, to be phased in over a three-year transition period. Products shipping March 1, 2016 need to be labeled with the "RCM" mark.
- Per ACMA requirements, Intel will be changing the C-Tick regulatory mark on all products to the "RCM" mark.
- Mark will be updated in two ways, depending on how the current C-Tick mark is already on products:
 - If C-Tick mark is currently on PCB silkscreen, Intel will apply a label with RCM mark to cover current mark.
 - If C-Tick mark is currently printed on a label, Intel will replace the mark so labels will be printed with new mark.
- See for picture of "C-Tick" versus "RCM" mark

C-Tick Mark



RCM Mark



Customer Impact of Change and Recommended Action:

Intel anticipates no functional impact to customer but encourages customer to understand the changes. Customers can expect to receive mixed inventory until current inventory levels have been depleted. Please contact your local Intel Field Sales Rep if you have any further questions about these changes.

Products Affected / Intel Ordering Codes:

Product Code	MM#	Pre Change TA	Post Change TA
E10GSFPSR	903239	E70293-006	E70293-007
E10GSFPLR	903240	E70292-005	E70292-006
E10GSFPSRG1P5	909923	G17046-004	G17046-005

PCN Revision History:

Date of Revision:

January 4, 2016

Revision Number:

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Reason:

Originally Published PCN



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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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