

Product Change Notification

X2 SR 850NM VCSEL, Laser Driver Change

Scope of Change Notification

This Product Change Notification (PCN) outlines a change in the Laser Driver IC used in the X2 SR, 850NM VCSEL transponder module.

Affected Part Number(s)

The Part Number(s) affected by this PCN are:

Finisar Part Number
FTLX8541E2
FTLX8541E2-xx

Reason for Change

The laser driver used in the X2 SR transponder design has been EOL'd by the external supplier. Finisar will respin the PCBA to replace the externally supplied laser driver with a Finisar laser driver (the same one used in Finisar's X2 LR FTLX1442E2 product). The current X2 SR module claims RoHS Exemption 15 due to the externally supplied laser driver; this PCN will ensure that the module will no longer need to claim this exemption.

Detailed Description of Change

The laser driver used in the X2 SR transponder design has been EOL'd by the external supplier. Finisar will respin the PCBA to replace the externally supplied laser driver with a Finisar laser driver (the same one used in Finisar's X2 LR FTLX1442E2 product). This change will alter the primary voltage supply line from 5V to 3.3V (which is the same as the X2 LR FTLX1442E2).

In addition to the laser driver, Finisar will also incorporate revisions to bring the product in line with other existing Finisar 10G products such as:

- Revise the transimpedance amplifier to use the same one used in the 10G SFP+ SR FTLX8571D3BCL.
- Update the VCSEL laser to use the same one used in the 10G SFP+ SR FTLX8571D3BCL.

These revisions will provide increased harmonization across 10G 850nm products resulting in the reduction of supply chain risks.

Detailed Description of Change - Continued

Revision	Current	Update to:	Also used in:
Laser Driver	External supplier	Finisar (primary voltage supply line will move from 5V to 3.3V)	X2 LR FTLX1442
Laser	Current X2 SR Generation	Current 10G used in SFP+ SR	SFP+ SR FTLX8571D3BCL
ROSA	Current X2 SR Generation	SC port version of SFP+ SR ROSA	LC port version for SFP+ SR FTLX8571D3BCL

There are no changes to the mechanical housing design of the module.

The current X2 SR module claims RoHS Exemption 15 due to the externally supplied laser driver; this PCN will ensure that the module will no longer need to claim this exemption.

The part number will not change. Traceability will be performed via date code.

Module level DVT and Reliability test reports will be available by August 31, 2015.

Implementation Date

We are targeting implementation starting 90 days from the issuance date of this notice.

For more information please contact your local Finisar representative or

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