Laser & detector chip & TO-can products

Product Brief



Description

Avago Technologies supplies Indium Phosphide chips and TO-cans as technology enablers for TOSA/ ROSA, large form factor component and module manufacturers. Avago has been a long-time industry leader in the design, fabrication and quality assurance of high-performance laser and detector chips, with over 25 million devices operating in the field and with >350 billion service hours (<1 FIT) since 2005 providing an unsurpassed record for ultra-high reliability. For Dense WDM applications up to 10Gbps, Avago offers class-leading capabilities in the management of direct modulated (DML) and electro-absorptive modulated (EML) lasers at C and L band wavelengths, for assured supply and flexibility. High temperature DFB, Fabry Perot and APD detector chips up to 10Gbps as well as TO-can based solutions compliment the product portfolio.

Features & Advantages:

- Industry leading chip (die) designs as used in Avago TOSA/ ROSA and component products
- PON/ FTTx, Datacom & Telecom applications
- Extremely high reliability with over 200 billion field service hours, <15 FIT random hazard rate
- CW to 10Gb/s FP, DFB, EML and APD chips
- CWDM and DWDM DFB and EML options
- Chip and chip-on-carrier APD options
- Existing high-volume TO-can packaging platform with multiple window/ lensing options

Ordering Information

Code	Rate	Comment
295x	CW to 2.5Gb/s	1.5mm DFB [1,2]
299x	2.5Gb/s to 10Gb/s	1.3mm Fabry Perot
293x	2.5Gb/s to 10Gb/s	1.3mm DFB [1]
294x	2.5Gb/s to 10Gb/s	1.5mm EML [2]
124x	2.5Gb/s to 10Gb/s	APD chip/ CoC

Code	Rate	Comment
TO295x	2.5Gb/s	1.5mm DFB [1]
TO299x	10Gb/s	1.3mm FP in TO can
TO293x	2.5Gb/s to 10Gb/s	1.3mm DFB in TO can [1]

Notes:
1. CWDM options available
2. DWDM options available

For product information and a complete list of distributors, please go to our web site: **www.avagotech.com**

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AV02-4128EN - June 5, 2013