

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.

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 |

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

| 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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