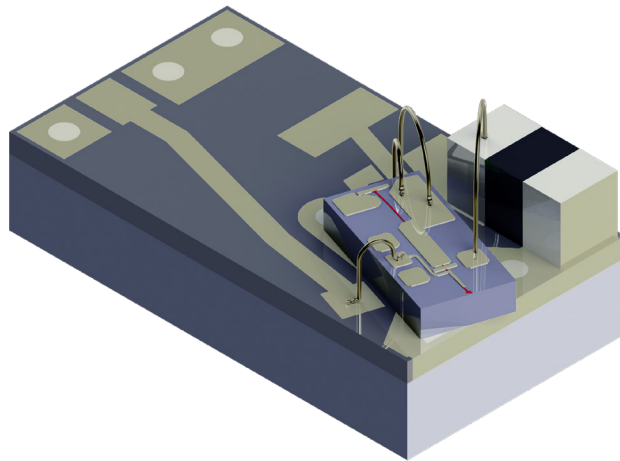


28 GBd UNCOOLED FR EML CHIP ON CARRIER

The EML consists of a 1310 nm DFB laser and an integrated electro-absorption modulator supporting 28 GBd PAM4 modulation (56 Gb/s bit rate). The chip-on-carrier (CoC) operates over a wide temperature range and is compatible with cost-effective, non-hermetic packaging. Target applications are FR1 and FR4.



FEATURES

- Supports 56Gb/s using 28 GBd PAM4 signal modulation
- Available wavelengths: CWDM
- Compatible with cost-effective non-hermetic packaging
- Operating temperature range 20°C to 70°C
- Integrated RF termination resistor provides for improved signal integrity