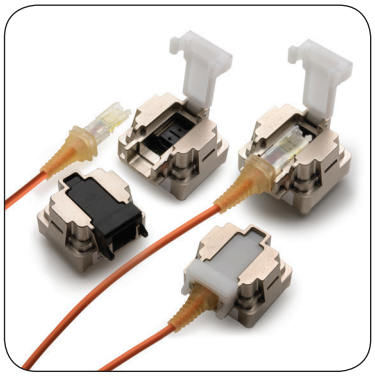
Fiber Optics

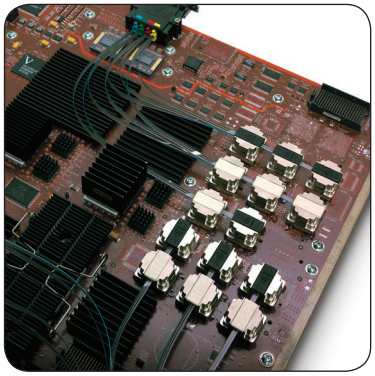
Embedded Optics - MiniPOD™

Embedded Optical Transmitter and Receiver – up to 12x14 G

MiniPOD is a housed transmitter/receiver with flat ribbon cable or round multi-lane cable connection for simplified embedded solutions, especially where cable bends are required.



AFBR-811xyZ / 821xyZ	**12 x 10.3 G**
AFBR-812xyZ / 822xyZ	**12 x 12.5 G**
AFBR-814xyZ / 824xyZ	**12 x 14 G**



Features

- 12 Channel 850 VCSEL operating at 10/12/14 Gbps
- 150m Link distances
- Separate TX / RX optical modules
- Max Power Consumption 3W per pair
- Temp Range 0-70°C

Benefits

- Allows dense optical interconnect
- Ease of electrical interface design
- Ease of thermal management design
- Superior signal integrity for optimizing system design
- Low power per Gigabit
- Removable optical cable for flexible assembly and system configuration

To get hold of the MiniPOD Data Sheet, please contact www.avagotech.com/pages/support/request_tech_support/europe/

Product Overview

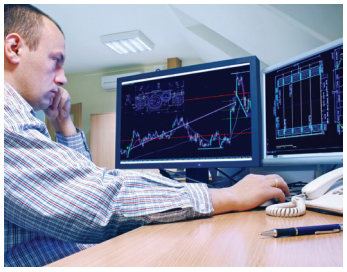
Key Applications where high speed, high density data transfer is required

High End Routers and Switches

Medical Imaging

Blade Based Servers

Radio Telescopes

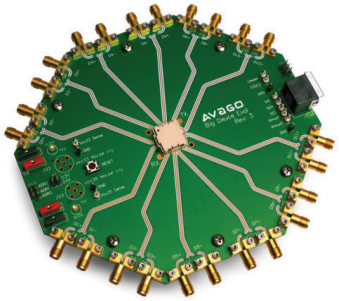


High Performance Computing

Video Broadcastings

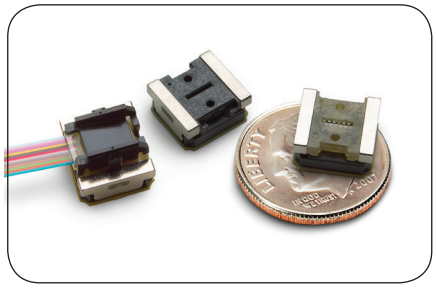
MiniPOD Evaluation Kit

AFBR-800EVK



MicroPOD™

For applications where small form factor or high density is required, the MicroPOD™ product is recommended with its µLGA electrical connection for high-bandwidth ports. Dense tiling of optical modules enables maximum I/O density per unit area of host PCB.



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www.avagotech.com/pages/en/fiber_optics/parallel_optics/
or contact your local sales representative

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

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