

## POB-4-channel parallel optical transceiver module



### Overview

The POB series single-mode parallel optical transceiver module is designed for long-distance high-speed data communication and parallel optical interconnects in applications such as optical backplanes, server-to-storage array connections, and radar processing systems. These cost-effective, high-capacity data “pipe” solutions are ideal for board to board, shelf to shelf and. According to the characteristics of POB series optical modules, they can be classified by package, rate, number of channels, etc., as follows: [Channel Classification] The number of product channels includes 9 types: 4-channel integrated transceiver, 12-channel parallel transmission, 12-channel. The utility model relates to the technical field of optical modules, in particular to a parallel 4-receiving 4-transmitting POB optical module. Comprising the following steps: a protective sleeve, a photoelectric unit and a shell; the shell wraps the photoelectric unit; the photoelectric unit. POB Parallel Transceiver is the epitome of elegant efficiency. It masters the complexity of parallel data transmission by integrating it directly into the board's panel. This fundamental approach minimizes points of failure, simplifies system design, and delivers massive bandwidth through a. F-tone Networks is a brand of fiber optic products factory outlet dedicated to delivering quality compatible optical transceivers at wholesale price.

## Article Content

### Optical Transceivers

Optical transceivers have revolutionized data transmission, providing high-speed, long-distance, and secure data transmission capabilities. Optical transceivers

### POB Series of Optical Modules

POB Series of Optical Modules Product introduction Miniature swappable POB package, high density, small form factor Conform to GJB8120 General Specification for Semiconductor Optoelectronic

### AFBR-89CEHZ Data Sheet

Description The Broadcom® AFBR-89CEHZ is a four-channel, pluggable, multimode, fiber optic QSFP28 transceiver for 100 Gigabit Ethernet (GbE) applications. The transceiver is a high

Paralleles optisches Singlemode-Transceivermodul mit 4 Kanälen der

Das Singlemode-Parallel-Optical-Transceiver-Modul der POB-Serie ist für die schnelle Datenkommunikation über große Entfernungen und parallele optische Verbindungen in

### POB optical transceiver-Optical Transceiver-Gigac Technology

It masters the complexity of parallel data transmission by integrating it directly into the board's panel. This fundamental approach minimizes points of failure, simplifies system design, and delivers

### CN219777995U

The POB optical module is one of parallel optical transceiver modules, is mainly applied to special cases and is used for solving the problem of short-distance high-speed data communication connection,

Custom Optical Transceiver Module manufacturer,Optical Transceiver ...

The POB series single-mode parallel optical transceiver module is designed for long-distance high-speed data communication and parallel optical interconnects in applications such as optical

### 160-Gb/s Bidirectional Parallel Optical Transceiver Module for Board ...

We report here on the design, fabrication and high-speed performance of a novel parallel optical module with sixteen 10-Gb/s transmitter and receiver channels for a 160-Gb/s bidirectional

Custom POB Series Single-Mode 4-Channel Parallel Optical Transceiver ...

The POB series single-mode parallel optical transceiver module is designed for long-distance high-speed data communication and parallel optical interconnects in applications such as optical

Custom POB Series Single-Mode 4-Channel Parallel Optical Transceiver ...

Wholesale POB Series Single-Mode 4-Channel Parallel Optical Transceiver Module at factory price from Fiberwdm . We are best POB Series Single-Mode 4-Channel Parallel Optical Transceiver

POB Optical Transceivers – F-tone Networks

F-tone Networks is a brand of fiber optic products factory outlet dedicated to delivering quality compatible optical transceivers at wholesale price. Our products

POB Series Single-Mode 4-Channel Parallel Optical

The POB series single-mode parallel optical transceiver module is designed for long-distance high-speed data communication and parallel optical interconnects in

POB Optical Transceiver,6.25G,4Tx4Rx – F-tone Networks

F-tone Networks is now a world leader in development of optical transceivers and provide a wide range of high-speed optical solutions for optical communication networking, especially for AI, Data Center,

Parallel Optic Modules

Designed to operate on multimode fiber systems at a nominal wavelength of 850 nm, the Parallel Fiber-Optic Modules feature high-performance, highly reliable, short wavelength optical devices, coupled

Packaging and assembly of 12-channel parallel optical transceiver module

The fabrication process of a 12-channel parallel optical transceiver module developed in our group is presented in this paper. The module is composed of a VCSEL array, a PIN PD array, a VCSEL driver

Gecko Struktur steckbares POB Parallel Transceiver Modul

Vollständig kompatibel und austauschbar mit herkömmlichen Fixed-Glasfaser-POB-Modulen bieten sie einen flexiblen Einsatz und schnelle Upgrades, was sie besonders für die

POB Series of Optical Modules

[Optical fiber classification] Optical module pigtails with 12 or less channels are divided into flat fiber and round fiber. The flat fiber supports shorter size installation; the round fiber can be bent and run, which

Parallel Optics

A multi-fiber connector such as MTP®/MPO is used throughout the parallel optic link and interfaces into the transceiver module. There are three common forms of commercially available products for POIs.

#### QSFP28-100G-PSM4 Optical Transceiver Module

The QSFP28 100G PSM4 Optical Transceiver is a Four-Channel, Pluggable, Parallel, Fiber Optic Modules for 100 Gigabit Ethernet Applications. This transceiver is a high-performance module for

#### POB Optical Transceiver,6.25G,4Tx4Rx – F-tone Networks

POB Optical Transceiver,6.25G,4Tx4Rx Features Typical transmission rate 6.25G (single channel) SNAP12 Encapsulation series 8-channel signal parallel transmission, transceiver module

## Contact Us

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