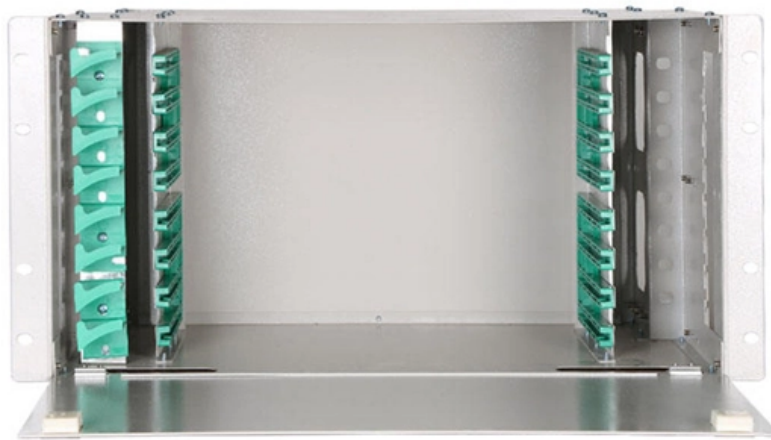


# **Seeking to purchase multi-channel parallel optical modules**





## Seeking to purchase multi-channel parallel optical modules

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### AV02-3383EN WP Altera-FPGA 21Mar2012 dd

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Today's copper-based high-speed serial interfaces can deliver data at, multi-gigabit rates. Data transfer rates exceeding 100 Gbps are possible by using multiple lanes in parallel, but are limited in the

## Parallel Optics is the Answer

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Simply Better Parallel optics can streamline the future of your network. It's the only IEEE-approved transmission protocol for 40G and 100G.



## Fully passive-alignment pluggable compact parallel

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A low-cost packaging method utilizing a fully passive optical alignment and surface-mounting method is demonstrated for pluggable compact and slim

## Packaging and assembly of 12-channel parallel optical transceiver

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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

## Parallel Optic Technology

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Parallel optics is a fiber optic technology primarily targeted for high-data, short-reach multimode fiber systems that are typically less than 150 meters. Parallel optics differs from traditional duplex fiber



## **Multi-channel parallel optical communication module and optical**

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This present disclosure relates to optical communication, more particular to a multi-channel parallel optical communication module and optical transceiver having the same.

## **SFP28 Optical Transceiver Modules for Sale (25G) , Cables on Demand**

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SFP28 Optical Transceiver Modules (25G-SR/LR) Buy 25G SFP28 Optical Transceiver Modules by Amphenol XGIGA Factory-Direct at Cables on Demand! Optimized for data rates up to 28.0 Gbps



## **Parallel all-optical programmable logic array based on multichannel**

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Canonical logic units-based programmable logic array (CLUs-PLA) is an important combinational logic device for its flexibility and user-defined feature. All-optical high-speed CLUs-PLA

## **JFOPT QSFP28 100G PSM4 Optical Module , 2km MPO High**

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This QSFP28 PSM4 module delivers 104Gbps over 2km via quad 26Gbps channels. Featuring 1310nm DFB laser arrays and MPO connectivity, it maximizes port density while reducing TCO for 100G

## **Optical Transceivers Catalog (A4)**

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It is offered as either a four-lane transceiver (100G full-duplex) or as separate



12-channel transmitter and 12-channel receiver modules (300G half-duplex) that operate at up to 28 Gbps per channel.

## **POB24 Series Parallel Optical Transceiver Module**

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The POB24 series parallel optical transceiver module is designed for defense communication command systems and subsystems, enabling bidirectional conversion between multi-channel electrical and

## **A 36-channel parallel optical interconnect module based on**

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We describe the packaging and testing of a two-dimensional array parallel-optics module with 36 channels with each channel operating up to 3.3 Gb/s. This represents the first commercial



## **Parallel optical interface**

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A parallel optical interface is a form of fiber-optic technology aimed primarily at communications and networking over relatively short distances (less than 300 meters), and at high bandwidths.

## **Multichannel optical modules with an SF optical connector interface**

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NTT has developed compact multichannel optical modules that can transmit or receive twelve-channel 10-Gbps signals through 150-meter-long OM3 multimode fibers without errors. These novel optical

## **VCSEL-based parallel-optical modules for optical interconnects**

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Several different kinds of VCSEL-based parallel-optical modules have been developed in Furukawa Electric for optical interconnects. As a solution for cost-effective 100-Gb/s applications, a solderable

## **Parallel-optical interconnects >100 gb/s**

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A parallel-optical interconnect with 12 channels operating at 8.5 Gb/s giving an aggregate data rate of 102 Gb/s is demonstrated, to the authors' knowledge, for the first time. The paper describes and

## **Parallel Optics and WDM Optics in High-speed Optical Modules**

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MT (MPO) and fiber array (FA) assemblies are key components for parallel optical interconnections, which can be integrated into optical modules to connect external and internal



## **LCC Series Parallel Optical Transceiver Module**

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The LCC series parallel optical transceiver module is designed for short-distance high-speed data communication and parallel optical interconnects, such as

## **100GIG QSFP28 SR4 Optical Transceiver Module (100m)**

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This is a four-Channel, pluggable, parallel, fiber-optic QSFP+ SR4 for 100 or 40 Gigabit Ethernet, Infiniband FDR/EDR and 32GFC applications. This transceiver

## **4X32GFC QSFP28-INTCERA\_MTP/MPO Mult-Fiber**

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TheINTCERA4x32GFCQSFP28850nm100mopticaltransceiver(GQS-MPO111-SR4CL)is



a four-channel, pluggable, parallel, fiber-optic QSFP28 module for 100- or 40-Gigabit Ethernet, InfiniBand

## **A 36-channel parallel optical interconnect module based on**

---

We describe the packaging and testing of a two-dimensional array parallel-optics module with 36 channels with each channel operating up to 3.3 Gb/s. This represents the first commercial module

## **Parallel Optic Modules**

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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



## **Short-Reach Optical Interconnects Employing High-Density Parallel**

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This paper reviews the high-density parallel-optical modules for use in board-to-board application in optical interconnects and describes their application, mechanical sizes, electrical

## **Parallel Optical Transceivers & AOC - CablesTEC**

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Learn about parallel optical transceivers & AOC for HPC data center networks. CablesTEC's parallel optical transceivers and active optical cables (AOC) are the

## **1060-nm VCSEL-based parallel-optical modules for optical interconnects**

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The capability of mounting a parallel-optical module onto a PCB through solder-reflow process contributes to reduce the number of piece parts, simplify its assembly process, and minimize

## Contact Us

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<https://www.entrenamientointeligente.es>