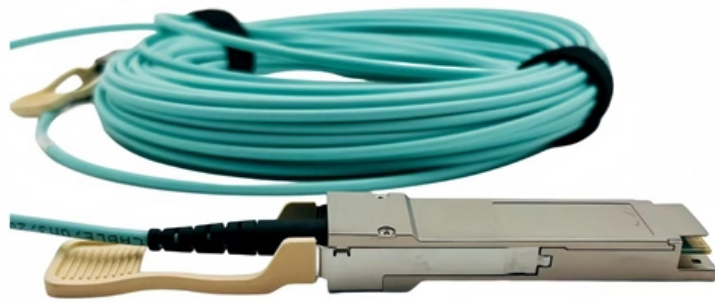


Inphi optical module





Overview

Inphi Corporation is an American company that produces 10G-800G high-speed analog and components and optical subsystems to networking (OEMs), optical module, and. 25G,10G, 25G, 40G, 100G, 400G and 800G optical modules for Cloud Computing, Wireless Interconnect and Next Generation Network. The Marvell data center interconnect portfolio includes COLORZ®, COLORZ® 400 and COLORZ® 800 modules in multiple form factors to connect regional data centers. The InnoLight's 400G QSFP-DD is on of the first 400G optical transceiver on the market and it allows to communicate up to 2km in PSM4. The DSP, linear drivers, and TIAs combine to offer a highly integrated PAM4 foundation for optical module deployments in data centers, Inphi states.



Inphi optical module



400G SR4 QSFP112 850nm 50m

400G SR4 QSFP112 850nm 50m IP-AAMM50M85C The IP-AAMM50M85C is an QSFP112 optical transceiver for 4x53.125GBaud optical links for 400Gbit/s. Transmission is based on VCSEL 850nm

Inphi Samples Industry First 100Gbps Porrima Single Lambda PAM4

"The Inphi 100G Porrima platform will enable single-laser, full-duplex single-mode 100Gbps optical modules that could be more cost effective than the four-laser variants and will also support breakout



INPHI IN-Q2AY2-22-M1 Transceiver Module

The Inphi In-Q2AY2-22-M1 100G 80km Transceiver Module is a high-performance, long-reach optical transceiver designed for data center and metro applications. This transceiver module supports

DCI Optical Modules , Delivering high bandwidth over

Marvell offers a portfolio of DCI modules designed to efficiently transmit data over regional fiber networks.



Inphi offers Polaris Gen2 7-nm 50G PAM4 platform family

As its name implies, the new platform builds on Inphi's previous Polaris Gen1 platform but provides higher performance. The 28-GBaud PAM4 DSP offers integrated driver options for EML and silicon



InnoLight's QSFP-DD Optical Transceiver

The InnoLight's 400G QSFP-DD is one of the first 400G optical transceiver on the market and it allows to communicate up to 2km in PSM4. The InnoLight solution is based on the INPHI chipset, the



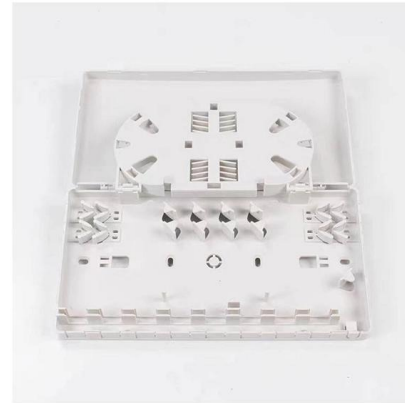
Inphi Corporation

Inphi Corporation is an American company that produces 10G-800G high-speed analog and mixed-signal semiconductor components and optical subsystems to networking original equipment manufacturers (OEMs), optical module, cloud and telecom service providers. Its headquarters are located in Santa Clara, California. Inphi develops linear transimpedance amplifiers, modulator drivers, optical physical layer d



AI drives ramp-up in datacom optics - report

Total shipments of leading-edge datacom optical modules are projected to tally over US\$9 billion for 2024, according to the latest Optical



Leading Global Manufacturer of SFP transceiver, Fiber

Global Best Manufacturer of High Speed SFP+ transceiver, Fiber optic transceiver, Cisco compatible transceiver modules, our transceivers with rate ranges from

INPHI IN-Q2AY2-21-M Thz Transceiver Module

The Inphi In-Q2AY2-21-M and In-Q2AY2-21-M1 100G 80km 192.1 THz Transceiver Modules are high-performance optical communication components designed for next-generation data center and metro



Optical Components

Provides corporate revenue market share by end-market segment as well as the detailed market size for select optical components.



Yole Intelligence

AOC: transceivers with integrated fibers DAC: copper cables Data center interconnect Each new generation of optical modules is backwards-compatible with the previous-generation technology.

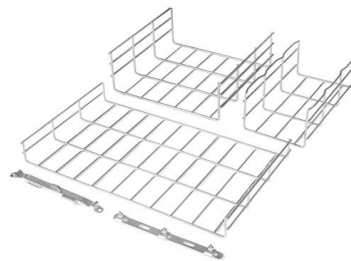


Optic transceiver module OEM and ODM supplier , INPHITECH

OEM & ODM Supplier Core Competitiveness Inphitech's core competitiveness comes from our leading research and development and innovation capabilities, original optical design packaging platform,

Full collection of quality fiber optic transceiver modules

The QSFP28-100G-ER4 is designed for 40km optical communication applications. This module contains 4-lane EML optical transmitter, 4-lane optical receiver and



Generic Compatible 400GBASE-FR4 QSFP-DD Module,

The 400GBASE-FR4 module, Duplex LC connector, up to 2km over parallel single



InPhi Porrhima Gen2 PAM4 400-Gbps Platform

Inphi says its Porrhima Gen2 Single-Lambda Pulse Amplitude Modulation (PAM4) platform with integrated laser drivers reduces optical module bill of materials



Cable structure

About us , INPHITECH

INPHITECH (WuHan) Opto Tech Co.,Ltd Chinese Leading Optical Transceiver Supplier In the global optical transceivers market, Inphitech keeps a leading

Full collection of quality fiber optic transceiver modules

This module contains 4-lane EML optical transmitter, 4-lane optical receiver and module management block including 2 wire serial interfaces. The optical signals



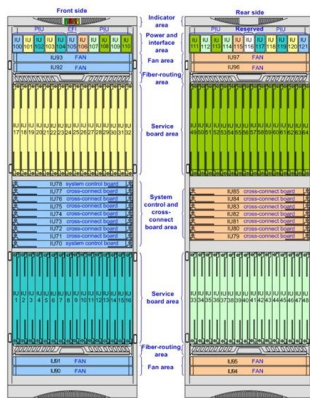
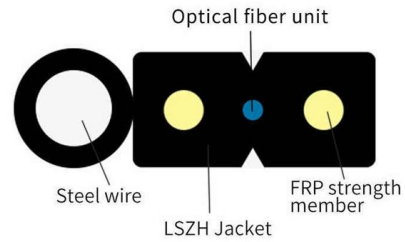
100G LR4 QSFP28 10km/20km

Digital diagnostic functions are available via an I2C interface, as specified by the QSFP+ MSA. The optical transceiver is compliant per the RoHS Directive 2011/65/EU.

Introduction of Inphitech Optical Transceiver Modules



1.25G SFP Optical Transceiver Modules The 1.25G SFP is a portfolio of pluggable optical transceiver modules for bidirectional transmission over dual



Global Silicon Photonics Modules Market Research Report 2026

Report Overview The silicon photonics module is based on silicon photonics integration technology and uses industry-leading chips. It changes the layout of traditional discrete devices and greatly simplifies

Inphi Corporation

Inphi Corporation is an American company that produces 10G-800G high-speed analog and mixed-signal semiconductor components and optical subsystems to



Fiber optic transceiver solution for data center and

Inphitech provides the most cost effective optical fiber signal solution for global telecom runners and DCN operators. We are fighting to improve the way how





100G LR4 QSFP28 10km/20km

The optical signals are multiplexed to a single-mode fiber through an industry standard LC connector. They are compliant with the QSFP28 MSA and IEEE 802.3bm 100GBASE-LR4 and CAUI-4.



Coherent DSP , Critical enablers for efficient

Coherent DSPs for pluggable modules The Marvell coherent DSP portfolio, including Orion(TM), Canopus(TM) and Deneb(TM) platforms, empower the optical module

Shop , INPHITECH

1000BASE-BX SFP 1310nm-TX/1490nm-RX 10km Transceiver 1000BASE-BX SFP 1310nm-TX/1550nm-RX 10km Transceiver 1000BASE-BX SFP 1310nm-TX/1550nm-RX 20km Transceiver



Silicon Photonics-Based Optical I& O Modules Market Size

The Silicon Photonics-Based Optical I& O Modules Market is witnessing a transformative phase driven by the relentless surge in data traffic, fueled by cloud computing, AI, and IoT proliferation.

INPHI IN-Q2AY2-55 Transceiver Module



The Inphi In-Q2AY2-55 transceiver module is a high-performance optical communication component designed for 100G Ethernet applications over long distances. It operates at a wavelength of



transceiver module company

Inphitech was established in year 2011 as an international optical transceiver module manufacturer. We have comprehensive 1.25G,10G, 25G, 40G, 100G, 400G and



Contact Us

For datasheets, pricing, or custom high-speed optical interconnect solutions, please visit:
<https://www.syropy.com.pl>