

OEM Optical Receiver QSFP28



Overview

The QSFP28 SR4 transceiver is a high-performing module for SR optical links over OM4 MMF, and is ideal for short-range, multi-lane data communication, and interconnects applications. The QSFP28 LR4 module is designed for extended reach and supports links up to 10km of single mode. This guide provides the definitive roadmap for selecting, deploying, and troubleshooting QSFP28 transceivers while bypassing the painful trial-and-error phase. 1G to 400G solutions for data centers & networks. Shop now! QSFP28 (Quad Small Form-Factor Pluggable 28) is a compact transceiver form factor designed for high-capacity 100G Ethernet. By providing four lanes of 25G, QSFP28 enables a streamlined upgrade path from lower-speed networks, making it a popular choice for scaling data center interconnect (DCI) and. Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which adopt LC or MPO optical ports and are compatible with IEEE802. Both short range and long-range transceiver.



Article Content

QSFP28 Transceiver: The Ultimate 100G Optical

The QSFP28 optical transceiver has become the cornerstone of 100G networking due to its outstanding balance of performance, density, power

100G QSFP28 Transceivers for High Performance

High-Performance 100G Optical Transceivers Power your infrastructure with tested, ISO-certified 100G transceivers from Pro Optix - trusted by service providers,

Optical Transceivers / SFP Modules - High-Performance Compatible

Comprehensive Optical Transceivers & SFP Module for High-Speed Networks LINK-PP offers a full range of optical transceivers and SFP module for modern data centers, telecom networks, and

Intel® Ethernet QSFP28 Optic

Intel® Ethernet QSFP28 Optics are an excellent choice for fiber systems in high-speed communications equipment. Both short range and long-range transceiver modules are available for maximum

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

Browse optical transceivers from Pivotal Optics including SFP, SFP28, QSFP28 & QSFP-DD modules. 1G to 400G solutions for data centers & networks. Shop now!

50GBASE-LR QSFP28 1310nm 10km Transceiver Datasheet | FS

With a comprehensive line of original-brand switches, we can recreate an environment and test each optics in practical application to ensure quality and distance. Our in-house coding facility programs all

Marvell Technology, Inc. | Essential technology, done right

Designed for your current needs and future ambitions, Marvell delivers the data infrastructure technology transforming tomorrow's enterprise, cloud, automotive,

Design and Implementation Scheme of QSFP28

The QSFP28 optical transceiver internal hardware of the proposed design scheme consists of PAM4 DSP IC for PAM4 and duplication, electro

QSFP28-100GB-PSM4-C Amphenol ProLabs | Mouser

QSFP28-100GB-PSM4-C Amphenol ProLabs Fiber Optic Transmitters, Receivers, Transceivers MSA and TAA 100GBase-PSM4 QSFP28 Transceiver (SMF, 1310nm, 500m, MPO, DOM) datasheet,

100G QSFP28 Transceiver Modules | Optical

FS offers a growing portfolio of 100G QSFP28 modules. The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres,

Factory OEM|ODM 100G QSFP28 SR4 Fiber Optic

100G QSFP28 optical transceiver is suitable for 4x25GE access ports, providing four high-speed interconnect channels. Each channel can achieve a maximum

Intel® Ethernet QSFP28 Optic

The QSFP28 SR4 transceiver is a high-performing module for SR optical links over OM4 MMF, and is ideal for short-range, multi-lane data communication, and interconnects applications.

Custom 40G QSFP+ and 50G SFP56/QSFP28 Modules

Direct OEM/ODM manufacturing of 40G QSFP+ and 50G SFP56/QSFP28 transceivers for 5G fronthaul & enterprise networks. 100% tested & MSA-compliant.

Transceivers Explained: SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28

ProLabs delivers high-quality, rigorously tested, and fully compatible optical solutions. Understanding the differences between SFP, SFP+, SFP28, QSFP+, and QSFP28 is key to building efficient, scalable

100G QSFP28_ER4 40KM_Optical Module | USource

USource 100G QSFP28 ER4 40KM Optical Transceiver built-in 4X25G LWDM TOSA and 4x25G APD ROSA, which is compliant with IEEE 802.3ba

OEM|ODM optical transceiver|QSFP28|transceiver

UnitekFiber's QSFP28 100G-LR4 transceiver module supports transmission distance up to 10km over single-mode fiber with duplex LC connector. Our

100Gb/s QSFP28 Transceivers | Optical Interconnect

Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which adopt LC or

100G QSFP28 Cable and Transceiver Modules Data Sheet

100G ERL QSFP28 Transceiver is designed to transmit and receive serial optical data links up to 106.25Gbps data rate by PAM4 modulation format over single-mode fiber.

OEM & ODM 40G /100G QSFP+ QSFP28,OEM Fiber Optic

The Finisar FCLF8521P2BTL is a high-performance optical transceiver module designed for various data communication and networking applications. This module delivers reliable and efficient optical

100GBase-LR4-QSFP28 Spec Sheet

Overview The QSFP28-100GBase-LR4 is a 103/112 Gbps transceiver module designed for optical communication applications compliant to 100GBASE-LR4 of the IEEE P802.3ba standard and OUT-4.

100G QSFP28/SFP-DD Transceiver | Optische Transceiver

Kaufen Sie die leistungsstarke und kosteneffiziente 100G QSFP28/SFP-DD-Lösung, das Transceiver-Programmiergerät FS BOX sowie passendes Zubehör von FS. Entwickelt für vielfältige

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

By partnering with tier-1 optical component manufacturers, we ensure every module meets the highest industry standards. Each transceiver undergoes rigorous testing and comes supported by a Limited

Cisco Compatible SFP List 2026: Architect's Selection Guide

Master the Cisco Compatible SFP List 2026. This expert guide covers 400G/800G optics, PAM4 modulation, and IOS-XE compatibility logic to slash TCO by 80% while ensuring 99.999%

QSFP28 Transceiver: Complete 100G Connectivity Guide (2026)

QSFP28 transceiver guide covering module types, pricing, compatibility, and deployment. Learn how to choose, deploy, and troubleshoot 100G QSFP28 optics.

100Gb/s QSFP28 Transceivers

Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which adopt LC or MPO optical ports and are compatible with IEEE802.3bm,

Overview of QSFP28 LR4 Optical Transceiver

Discover FS's QSFP28 100G LR4 optical transceiver, offering low power consumption, perfect compatibility, and reliable long-distance

100G QSFP28_ER4 40KM_Optical Module | USource

We offer OEM ODM Multi-Vendor compatibility & functionality with Carrier-Grade high performance. This product is a 100Gb/s transceiver module designed for

50Gbps QSFP28 Optical Module

When this type of optical module is used to interconnect with a WDM device, the 1+1 protection switching duration on the client side of the WDM device is longer than 50 ms. The optical power

Contact Us

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