

Irish optical receiver QSFP28



Overview

The QSFP28 module provides 100GBase-LR4 throughput up to 10km over a standard pair of single mode fiber (SMF) with duplex LC connectors. This transceiver is compliant with SFF-8661, SFF-8636, IEEE 802.3 100GBASE-LR4 and QSFP28 MSA standards. Digital diagnostics functions allow access to real-time. The QSFP28 (Quad Small Form-factor Pluggable 28) transceiver is a compact module that can be hot-swapped and is designed to support high-speed data transfer in today's network. The module converts 4 input channels of 25/28 Gbps electrical data to 4 channels of LAN WDM optical signals and then, one lane. They are not characteristics of the module but a variation. This may include, but is not limited to, external case designs, pull tab colors and/or shapes, removal latch styles or colors, and label sizes and placement.



Article Content

Hot

100GBASE-LR4 QSFP28 1310nm 10km Transceiver Datasheet | FS

This transceiver is compliant with SFF-8661, SFF-8636, IEEE 802.3 100GBASE-LR4 and QSFP28 MSA standards. Digital diagnostics functions allow access to real-time operating parameters.

May 09, 2026 Hot

Intel® Ethernet QSFP28 Opti

Overview Intel® Ethernet QSFP28 Optic is an excellent choice for up to 100 meter reach in multimode fiber systems for high-speed communications equipment. Ideal for short-range multi-lane data

Oct 28, 2025 Hot

QSFP28-FR1-I

Compliant with SFF-8636 Compliant with SFF-8661 1310nm EML laser PIN receiver Up to 2km on 9/125um SMF 100ohm differential impedance system Operating temperature (Industrial) -40oC to

Jul 20, 2025 Hot

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

May 29, 2026 Hot

QSFP28 Fibre Optic Transceiver Technology Overview

A QSFP28 is a Quad (4-channel) small form factor hot pluggable fibre optic transceiver used for 100 Gigabit Ethernet (100GbE) data communications

May 09, 2026 Hot

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,

Aug 06, 2025 Hot

QSFP28-LR4-I

Maximum power consumption 4.5W Case Operating Temperature: -40-85 oC LAN WDM EML laser and PIN Receiver Array (RoHS compliant) QSFP28 MSA package with duplex LC connector • Class 1 Laser

Feb 06, 2026 Hot

What is QSFP28? Guide to 100G Ethernet | NetAlly

Learn how QSFP28 transceivers enable 100G Ethernet. A guide for network engineers on compatibility, fiber types, and upgrade paths.

Mar 24, 2026 Hot

MENTECH ELECTRONICS SGExx-D4E-xx serials

Overview: This NETRO NN-QSFP28-100G-ER4 This product is a 100Gb/s transceiver module designed for optical communication applications compliant to Ethernet IEEE 802.3ba standard. The module

Nov 19, 2025 Hot

100G Fiber Optic Transceivers — QSFP28

100G QSFP28-PSM4 is a Four-Channel, Pluggable, Parallel, Fiber-Optic QSFP28 Transceiver for 100G Ethernet Applications. The QSFP28 full

Nov 30, 2025 Hot

Intel® Ethernet QSFP28 Optic

Intel® Ethernet QSFP28 Optic quick reference with specifications, features, and technologies.

Jan 19, 2026 Hot

QSFP28 eLR4 100GbE Universal Optical Transceiver

The 100G QSFP28 eLR4 optical transceiver transmits data over single mode fibre at a distance of up to 20km. The transceiver operates on 4 wavelengths and works

Jan 06, 2026 Hot

100G QSFP28 SR4 OCP Optical Transceiver Specification V0

Scope and Overview 1.1 Scope This document defines the technical specifications for the 100G QSFP28 SR4 OCP optical transceivers used in large-scale data center applications.

Sep 29, 2025 Hot

100G QSFP28 LR4 DML LWDM4 10km/20km Optical

GIGALIGHT 100G QSFP28 LR4 optical modules are used for long-distance transmission in the datacom or telecom field and are compliant with IEEE

Oct 02, 2025 Hot

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.

Sep 28, 2025 Hot

QSFP28 100G PinOut Guide

Complete QSFP28 100G pinout reference with detailed pin functions, descriptions, and logic types for network engineers and hardware designers.

Apr 01, 2026 Hot

Complete Guide to QSFP28 PSM4 Optical Transceivers

In this context, the QSFP28 PSM4 optical transceiver stands out as an ideal solution, offering cost-effective performance, medium-range transmission

May 29, 2026 Hot

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.

Jul 02, 2025 Hot

100GE QSFP28 LR4 Rx Optical Receiver

The product is designed with form factor, optical/electrical connection and digital diagnostic interface according to the QSFP+ Multi-Source Agreement (MSA). It has been designed to meet the harshest

Nov 23, 2025 Hot

Intel® Ethernet QSFP28

Overview 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

Nov 30, 2025 Hot

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.

Jun 23, 2026 Hot

QSFP28-LR4

Features Hot pluggable QSFP28 MSA form factor Compliant to IEEE 802.3ba 100GBASE-LR4 Up to 10km reach for G.652 SMF Single +3.3V power supply

Apr 04, 2026 Hot

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

Mar 05, 2026 Hot

Unlocking the Potential of the QSFP28 SR4 Optical

The QSFP28 SR4 Optical Optical Transceiver Module addresses the issues surrounding high-speed data communication system designs, especially

Sep 01, 2025 Hot

QSFP28 Optical Transceivers

QSFP28 transceivers are optical modules that are built for 100G connections. QSFP28 transceivers are multimode fiber connections that reach 100 meters.

May 19, 2026 Hot

QSFP28 Transceiver: The Ultimate 100G Optical Module Guide

The 100GBASE-LR4 QSFP28 transceiver is designed for long-haul fiber optic communications and is widely used in high-performance networks. It works with single-mode fiber

Apr 02, 2026 Hot

QSFP28 optical transceivers | Smartoptics

QSFP28 transceivers for cost-efficient high-speed networks. What is QSFP28? QSFP28 (Quad Small Form-Factor Pluggable 28) is a compact transceiver form

Oct 26, 2025 Hot

100GIG QSFP28 SR4 Optical Transceiver Module (100m)

100Gb/s QSFP28 SR4 Optical Transceiver Module Features 4 channels full-duplex transceiver modules Transmission data rate up to 28Gbps per channel Support

Jan 17, 2026

Contact Us

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