QSFP28 SR4

The TQS-HGM1-85DCR is a parallel 100Gbps Quad Small Form-factor Pluggable (QSFP) optical module. It provides increased port density and total system cost savings. The QSFP28 full-duplex optical module offers 4 independent transmit and receive channels, each capable of 25.78125Gbps operation for an aggregate data rate of 100Gbps over 100 meters of OM4 multi-mode fiber.

An optical fiber cable with an MPO/MTP connector can be plugged into the QSFP28 module receptacle.

The module operates by a single +3.3V power supply. LVCMOS/LVTTL global control signals, such as Module Present, Reset, Interrupt and Low Power Mode, are available with the modules. A 2-wire serial interface is available to send and receive more complex control signals, and to receive digital diagnostic information.

The TQS-HGM1-85DCR is designed with form factor, optical/electrical connection and digital diagnostic interface according to the QSFP Multi-Source Agreement (SFF-8436). It has been designed to meet the harshest external operating conditions including temperature, humidity and EMI interference. The module offers very high functionality and feature integration, accessible via a two-wire serial interface.

More Details?DS900007**?**

Part No.	Data Rate	Laser	Fiber Type	Distance*[Note1]	C In
TQS-HGM1-85DCR	100Gbps	850nm-VCSEL	MMF	100m	

Product Features

- 4 independent full-duplex channels
- Up to 25.78125Gbps data rate per channel
- MTP/MPO optical connector
- QSFP MSA compliant

- Digital diagnostic capabilities
- Capable of over 100m transmission on OM4 multi-mode fiber
- Single +3.3V power supply
- Operating case temperature: 0~70C
- Low power consumption < 3.5W
- RoHS-6 compliant

Applications

- IEEE802.3bm 100GBASE SR4 Ethernet

Product link：https://www.trixontech.com/tqs-hgm1-85dcr.html