40G QSFP+ SR4

The TQS-FGM1-85DCR is a parallel 40Gbps Quad Small Form-factor Pluggable (QSFP) optical module.It provides increased port density and total system cost savings. The QSFP full-duplex optical module offers 4 independent transmit and receive channels, each capable of 10Gbps operation for an aggregate data rate of 40Gbps over 100 meters of OM3 multi-mode fiber.An optical fiber cable with an MPO/MTPTM connector can be plugged into the QSFP 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-FGM1-85DCR 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

Part No.	Package	Fiber Type	Data Rate	Wavelength	Optical Components	Distance	Co
TQS-FGM1-85DCR	QSFP+	MMF	40G	850nm	VCSEL/PIN	100m	M

Product Features

? 4 independent full-duplex channels
? Up to 10.5Gbps data rate per channel
? MTP/MPO optical connector
? QSFP MSA (SFF-8436) compliant
? Digital diagnostic capabilities
? Capable of over 100m transmission on OM3 multi-mode fiber
? Single +3.3V power supply

Compliant Standard

? CML compatible electrical I/O
? XLPPI electric interface (with 1.5W Max power)
? RoHS-6 compliant
? Operating Case Temperature:0? ~+70?

Product Safety and Quality

? FCC TUV UL and Eye safety certification
? ISO9001:2000
? ISO14001:2004

Applications

? Data Center
? Infiniband QDR, DDR and SDR
? 40G Ethernet

Product link：https://www.trixontech.com/40g-qsfp-sr4.html