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## 40G QSFP+ PSM4



The TQS-FG10-31DCM 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 10.3125Gbps operation for an aggregate data rate of 40Gbps over 10 km.

An optical fiber cable with an MPO/MTP 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-FG10-31DCM 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-FG10-31DCM	40G QSFP+ PSM4	SMF	40Gbps		MPO	10km	

### Features:

- ? 4 independent full-duplex channels
- ? Up to 10.3125Gbps data rate per channel
- ? MPO optical connector
- ? Hot-pluggable QSFP+ form factor
- ? Digital diagnostic capabilities
- ? Capable of over 10Km transmission on SMF
- ? Single +3.3V power supply
- ? Operating case temperature: 0~70?
- ? Low power consumption < 2.5W
- ? RoHS-6 compliant

### Applications:

- ? Local Area Network(LAN)
- ? Wide Area Network(WAN)

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? Datacenter, Ethernet switch and router applications

Product link : <https://www.trixontech.com/40g-qsfp-psm4.html>