

PRELIMINARY Product Specification

40GBASE-LR4 QSFP+ Optical Transceiver Module

CQS-800A08D0-13



Product Description

- Hot-pluggable QSFP+ form factor
- Supports 41.2 Gb/s aggregate bit rates
- Power dissipation < 3.5W
- RoHS-6 compliant (lead-free)
- Commercial case temperature range 0°C to 70°C
- Single 3.3V power supply
- Maximum link length of 10km on Single Mode Fiber (SMF)
- Uncooled 4x10Gb/s CWDM transmitter
- XLPP electrical interface
- Duplex LC receptacles
- Built-in digital diagnostic functions, including Tx/Rx power monitoring



Applications

- 100GBASE-LR4 40G Ethernet

CQS-800A08D0-13 QSFP+ transceiver modules are designed for use in 40 Gigabit Ethernet links over single mode fiber. They are compliant with the QSFP+ MSA1,2 and IEEE 802.3ba 40GBASE-LR43. Digital diagnostics functions are available via an I2C interface, as specified by the QSFP+ MSA. The transceiver is RoHS-6 compliant and lead-free per Directive 2002/95/EC4.

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