

25Gb/s 1310nm 10km SFP28 Optical Transceiver

GTR7SPP1L3

Features

- Hot Pluggable SFP+ MSA package
- IEEE802.3by, SFF-8431, SFF-8432 compliant
- Up to 10km transmission on G.652 SMF
- Up to 25.78Gb/s bi-directional data links
- 1310nm DFB and PIN receiver
- With Built-in CDR
- 25Gb/s high speed electrical interface
- 2-wire serial interface with Digital Diagnostic
- +3.3V power supply
- Power consumption less than 1.5W
- Operating case temperature:
 - 0 to +70 °C Commercial Level
 - 40 to +85 °C Industrial Level
- Duplex LC Receptacle
- ROHs-6 compliant



Applications

- 25.78Gb/s single lane 100GE LR4
- Data Center Intra-connection
- Server and SAN, etc

Description

GWorld Opto's GTR7SPP1L3 1310nm DFB transceivers are designed for use in 25G Ethernet links and Fiber Channel, etc, and it can support max-rate to 25.78Gb/s. Digital diagnostics are available via 2-wire serial interface as specified in the SFF-8472.

The transceiver's designs are optimized for high performance and cost efficiency to provide customers the best solutions for SAN, Datacom and Telecom applications.

The transceiver is RoHS-6 compliant and lead-free per Directive 2002/95/EC.

Product Selection

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G: GWorld
 TR7: 25G Transceiver
 SPP1: SFP28 Solution 1
 L3: Long Reach 1310nm 10km