

Transceiver

LinkIT QSFP28 100Gbps PSM4 2km Extreme

4 x 25Gbps | 1310nm | DDM | MPO/MTP-12



Product number: LI-QSFP28MPO-PSM4-EX

Product Description

This transceiver is intended for up to 2km reach service with four-lane 25.78125G data rate. It is based on 3.3V DC power supply and operates in the commercial temperature range. It is compliant with QSFP MSA, SFF-8436, SFF-8636 and PSM4 MSA. Digital diagnostic functions are available via I2C interface and the control functions can be achieved by LVTTTL interfaces on the host. The transceiver incorporates a four-laser array which is usually DFB [four-PIN diode array] a high performance CDR integrated four drivers and TIAs IC separately. The differential AC coupled Tx and Rx data interfaces are CML compatible. The device can operate in Class IV safely.

Applications :

100 Gigabit Ethernet
100 Gigabit Infiniband

Features :

- MPO-12 connector
- SingleModeFiber
- 1310 nm
- Supports Base-8 cabling
- OS2_500m
- 4 x TX
- 4 x RX
- Breakout to 4x 25 Gigabit through splitter cable og cassettes system
- Hot-pluggable
- DDM



Main Specifications

Brand	LinkIT
Wave length (nm)	1310
Distance	Up to 2km

Extended Specifications

Transmission speed	100Gbps
Fibre type	SMF
Standards	CMIS4.0 or SFF8636, SFF 8679, IEEE 802.3cd
Temperature	0°C to +70 °C
Certifications	CE, RoHS

