

## Transceiver

### LinkIT QSFP28 100Gbps PSM4 2km

**NVIDIA**

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



Product number: LI-QSFP28MPO-PSM4-NV

## 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

|                         |           |
|-------------------------|-----------|
| <b>Brand</b>            | LinkIT    |
| <b>Wave length (nm)</b> | 1310      |
| <b>Distance</b>         | Up to 2km |

## Extended Specifications

|                           |  |
|---------------------------|--|
| <b>Transmission speed</b> | 100Gbps                                    |
| <b>Fibre type</b>         | SMF  |
| <b>Standards</b>          | CMIS4.0 or SFF8636, SFF 8679, IEEE 802.3cd |
| <b>Temperature</b>        | 0°C to +70 °C                              |
| <b>EAN</b>                | 7072262017440                              |
| <b>Certifications</b>     | CE, RoHS                                   |

