

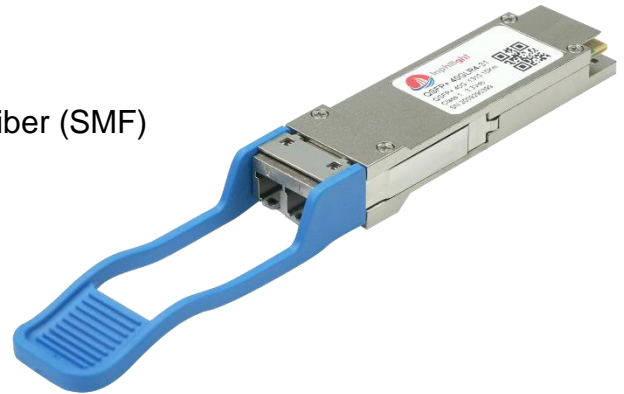
# IP-EALK10B31C

## QSFP+ 40Gb/s LR4 10km With DDM

### PRODUCT FEATURES

- Supports 41.2 Gb/s aggregate bit rates
- Uncooled 4x10Gb/s transmitter
- Maximum link length of 10km on Single Mode Fiber (SMF)
- Hot-pluggable QSFP+ footprint
- Duplex LC receptacles
- Power dissipation<3.5W
- RoHS-6 compliant and lead-free
- Single 3.3V power supply
- Support Digital Diagnostic Monitor interface
- Case operating temperature

Commercial: 0°C to +70°C



### APPLICATIONS

- 40GBASE-LR4Ethernet

### Compliance

- QSFP+ MSA.
- IEEE802.3ba
- SFF-8436
- RoHS

## PRODUCT DESCRIPTION

IP-EALK10B31C QSFP+ transceiver modules are designed for use in 40 Gigabit Ethernet links over single-mode fiber. They are compliant with the QSFP+ MSA and IEEE 802.3ba 40GBASE-LR4. Module-level digital diagnostic functions are available via an I<sup>2</sup>C interface, as specified by the QSFP+ MSA. The optical transceiver is compliant per the RoHS Directive 2011/65/EU.

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### Revision History

Version No.	Date	Description
1.0	June 24, 2019	Preliminary datasheet