

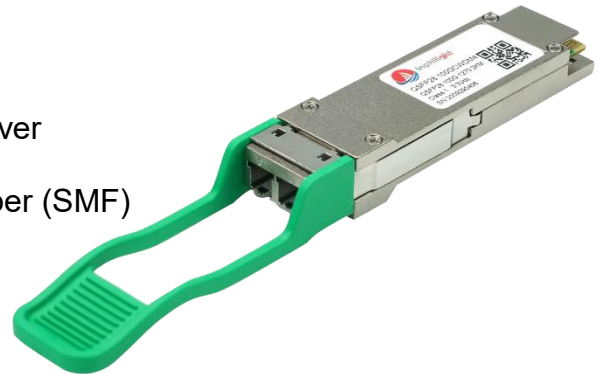
# IP-CALK02C23C

## QSFP28 100Gb/s CWDM4 2km DDM

### PRODUCT FEATURES

- Supports 103.1Gb/s aggregate bit rate
- 4x25Gb/s electrical interface
- 4X25Gb/s CWDM transmitter and PIN/TIA receiver
- Maximum link length of 2km on Single Mode Fiber (SMF)
- Hot-pluggable QSFP28 from factor
- Single 3.3V power supply
- Duplex LC receptacles
- Maximum power dissipation<3.5W
- RoHS-6 compliant and lead-free
- I<sup>2</sup>C management interface
- Case operating temperature

Commercial: 0°C to +70°C



### APPLICATIONS

- 100 Gigabit Ethernet

### Compliance

- QSFP28 MSA.
- IEEE802.3bm
- SFF-8665
- RoHS

## PRODUCT DESCRIPTION

IP-CALK02C23C QSFP28 transceiver modules are designed for use in 100 Gigabit Ethernet links over single-mode fiber. They are compliant with the QSFP28 MSA, CWDM4 MSA and IEEE 802.3bm. Digital diagnostic functions are available via an I2C interface, as specified by the QSFP28 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