

✦ 100G QSFP28 TRANSCEIVER

Opticking 100G QSFP28 optical transceivers include SR4, AOC, AOC breakout, CWDM4, eCWDM4, PSM4, PSM4 Pigtail, LR4 Ethernet and ER4 Lite. The series of products adopt LC or MPO optical ports and are compatible with IEEE802.3bm, SFF-8636 and other standards. They have the characteristics of low power consumption, high density and the like, and is beneficial to increasing the capacity and port density of the data center, and reducing the power consumption. It is mainly applied in 100G Data Center Internal Network, Data Center Interconnection, Metropolitan Area Network and other environments.

◆ KQSFOA-0085MMX

100Gbps QSFP28 SR4 850nm 100m MPO/MTP Transceiver

Product Feature

- 4 independent full-duplex channels
- Up to 28Gb/s data rate per channel
- QSFP28 MSA compliant
- Up to 100m OM4 MMF transmission
- Maximum power consumption 3.5W
- MTP/MPO optical connector
- Compliant to IEEE 802.3bm 100GBASE-SR4
- RoHS-6 compliant
- Single 3.3V power supply
- Operating case temperature

Commercial: 0°C to +70°C



Applications

- Rack to Rack
- Data Center
- Infiniband QDR, DDR and SDR
- 100G Ethernet
- CPRI 10



KQSF0A-0031SM00X

100Gbps QSFP28 PSM4 1310nm 2km MPO/MTP Transceiver

Product Feature

- 4 independent full-duplex channels
- Up to 28Gb/s data rate per channel
- Hot pluggable QSFP28 MSA form factor
- Compliant to IEEE 802.3bm 100GBASE-PSM4
- Up to 2km reach for G.652 SMF
- MTP/MPO optical connector
- Maximum power consumption 3.5W
- RoHS-6 compliant
- Single 3.3V power supply
- Operating case temperature
Commercial: 0°C to +70°C



Applications

- 100G Ethernet Links
- Infiniband QDR and DDR interconnects
- Datacenter and Enterprise networking



KQSF0A-L031SL10C

100Gbps QSFP28 LR4 10km Optical Transceiver



Product Feature

- Hot pluggable QSFP28 MSA form factor
- Up to 10km reach for G.652 SMF
- Single +3.3V power supply
- Transmitter: cooled 4x25Gb/s LAN WDM DML TOSA
- Receiver: 4x25Gb/s PIN ROSA
- Maximum power consumption 3.5W
- Duplex LC receptacle
- RoHS-6 compliant
- Lane data rate up to 25.78Gb/s ,All lane data rate up to 103Gb/s
- Operating case temperature
Commercial: 0°C to +70°C

Applications

- 100GBASE-LR4 Ethernet Links
- CPRI 10



KQSF0A-L031SL40X

100Gbps QSFP28 LR4 40km Optical Transceiver

Product Feature

- Hot pluggable QSFP28 MSA form factor
- Up to 40km reach for G.652 SMF
- Compliant to IEEE 802.3ba 100GBASE-ER4 Lite
- Single +3.3V power supply
- Transmitter: cooled 4x25Gb/s LAN WDM TOSA (1295.56, 1300.05, 1304.58, 1309.14nm) with hermetic packages
- Receiver: 4x25Gb/s ROSA with hermetic packages
- 4x28G Electrical Serial Interface (CEI-28G-VSR)
- Maximum power consumption 4.5W
- Duplex LC receptacle
- RoHS-6 compliant
- Operating case temperature
Commercial: 0°C to +70°C



Applications

- 100GBASE-ER4 Ethernet Links
- Infiniband QDR and DDR interconnects
- OTU4
- Client-side 100G Telecom connections

◆ KQSF0A-C031SL00X

100Gbps QSFP28 CWDM 2km Optical Transceiver

Product Feature

- Hot pluggable QSFP28 MSA form factor
- Supports 103.1Gb/s aggregate bit rate
- Compliant to IEEE 802.3ba 100GBASE-ER4 Lite
- Up to 2km reach for G.652 SMF
- Single +3.3V power supply
- Transmitter: cooled 4x25Gb/s CWDM DFB TOSA (1271, 1291, 1311, 1331nm)
- Receiver: 4x25Gb/s PIN ROSA
- 4x25G electrical interface (OIF CEI-28G-VSR)
- Maximum power consumption 4.0W
- Duplex LC receptacle
- RoHS-6 compliant
- Operating case temperature
Commercial: 0°C to +70°C



Applications

- 100GBASE-CWDM4 Ethernet Links
- Infiniband QDR and DDR interconnects
- Datacenter and Enterprise networking