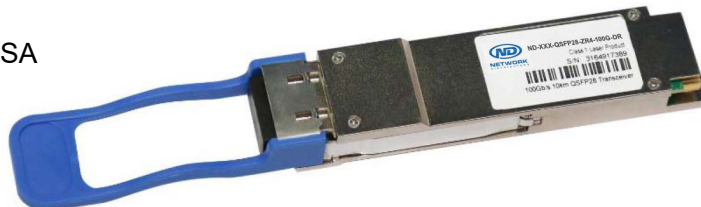


## Product Features

- Compliant with IEEE Std 802.3ba, 100G Ethernet ER4
- Compliant with QSFP28 MSA
- 4 cooled 25Gb/s channels LAN WDM EML TOSA
- 4 channels SOA PIN photo detector
- Single +3.3V power supply
- Class 1 laser safety certified
- Commercial operating temperature: 0°C to +70°C
- Up to 80km on SMF with FEC
- Duplex LC connector
- RoHS 6/6 Compliant



## Applications

- 100GBASE-ZR4 Ethernet links
- Data center
- OTU4
- Client-side Telecom Connections

## Descriptions

ND-XXX-QSFP28-ZR4-100G-DR QSFP28 transceiver modules are designed for 100 Gigabit Ethernet over single mode fiber. They are compliant with the QSFP28 MSA, 100GBASE-ZR4. Digital diagnostics functions are available via the I2C interface, as specified by the QSFP28 MSA.

ND-XXX-QSFP28-ZR4-100G-DR are compliant with RoHS.

## Ordering Information

**Table 1. Ordering Information**

Part Number	Transmitter	Output Power	Receiver	Sensitivity	Reach	Temp	DDM	RoHS
ND-XXX-QSFP28-ZR4-100G-DR	LWDM EML	+2.0~ +6.5dBm	SOA PIN	< -28.0dBm	80km	0~ 70 °C	Available	Compliant

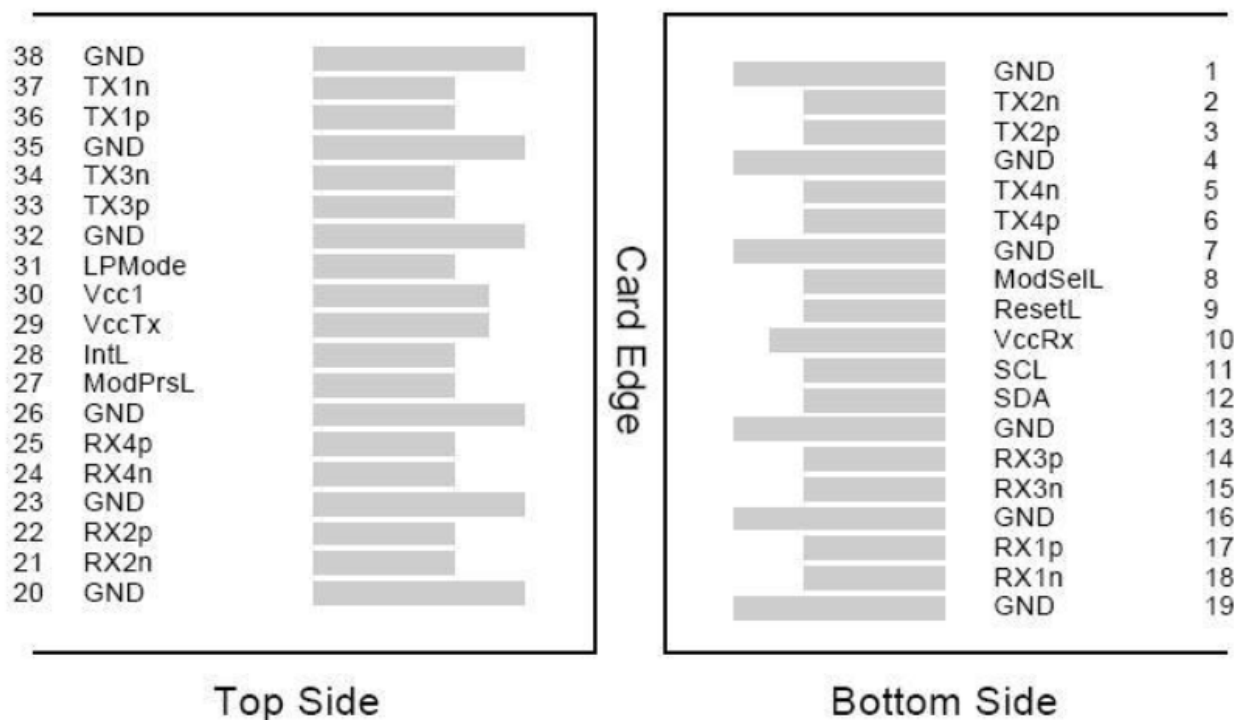


Figure 1. Host PCB QSFP28 pad assignment top view