

Product Name	Part No
100gbase-sr4 qsfp28 transceiver module mmf, vcsel array 850nm, 100m, mtp/mpo, dom	JT-100G-QSFP28-MPO-SR4

Description

100G QSFP28 transceiver modules are designed for use in 100 Gigabit Ethernet links over multimode fiber. They are compliant with the QSFP28 MSA and IEEE 802.3bm 100GBASE-SR4 and CAUI-4. The optical transceiver is compliant per the RoHS Directive 2011/65/EU.

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| FEATURES | <ul style="list-style-type: none"> - Hot-pluggable QSFP28 form factor - Supports 103.1Gb/s aggregate bit rate - 3.5W maximum power dissipation - RoHS-6 compliant - Single 3.3V power supply - Maximum link length of 100m on OM4 Multimode Fiber (MMF) - 4x25Gb/s 850nm VCSEL-based transmitter - 4x25G electrical interface - Single MPO12 receptacle |
| APPLICATIONS | <ul style="list-style-type: none"> - 100GBASE-SR4 100G Ethernet - Data center - DWDM - Telecom network - Cloud storage |

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CDR:	TX and RX
Connector:	MTP/MPO-12
DDM/DOM:	Supported
Wavelength:	850nm
Form factor:	QSFP28
Extinction Ratio:	2dB
Commercial Temperature Range:	0 to 70°C (32 to 158°F)
Inbuilt FEC*:	No
TX Power:	-8.4~2.4dBm
Max Data Rate:	103.1 Gbps

Media:	MMF
Max Cable Distance:	70m@OM3/100m@OM4
Modulation Format:	NRZ
Power budget:	1.9dB
Protocols:	QSFP28 MSA Compliant
Receiver Type:	PIN
Receiver Sensitivity:	<-10.3dBm
Transmitter Type:	VCSEL 850nm
Power Consumption:	3.5W
Transmit and Dispersion Penalty:	5dB

