



Product Name	Part No
100GBASE-SR4 QSFP28 Transceiver Module MMF, 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.

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

<b>CDR</b>	TX and RX	<b>Modulation Format</b>	NRZ
<b>Commercial Temperature Range</b>	0 to 70°C (32 to 158°F)	<b>Power Consumption</b>	3.5W
<b>Connector</b>	MTP/MPO-12	<b>Power budget</b>	1.9dB
<b>DDM/DOM</b>	Supported	<b>Protocols</b>	QSFP28 MSA Compliant
<b>Extinction Ratio</b>	2dB	<b>Receiver Sensitivity</b>	<-10.3dBm
<b>Form Factor</b>	QSFP28	<b>Receiver Type</b>	PIN
<b>Inbuilt FEC*</b>	No	<b>Transmit and Dispersion Penalty</b>	5dB
<b>Max Cable Distance</b>	70m@OM3/100m@OM4	<b>Transmitter Type</b>	VCSEL 850nm
<b>Max Data Rate</b>	103.1 Gbps	<b>TX Power</b>	-8.4~2.4dBm
<b>Media</b>	MMF	<b>Wavelength</b>	850nm

