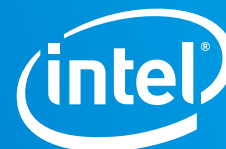


# PRODUCT BRIEF

Intel® 100G SR4 QSFP28 Optical Transceiver



# 100G Multi Mode Optical Data Center Connectivity



Bringing together the power of optics and scalability of Intel manufacturing

## Description

The Intel® 100 Gbps SR4 QSFP28 Optical Transceiver is a small form-factor, high-speed, and low-power consumption product targeted for use in optical interconnects for data communications applications. The high-bandwidth QSFP28 module supports links up to 100 meters on multimode fiber.

## Applications

- Connectivity for large-scale cloud and enterprise data centers
- Ethernet switch, server, router, and client-side telecom optical interfaces

## Features

- Compliant to IEEE 100GBASE-SR4 optical interface standard with reach up to 70 m on OM3 or 100 m on OM4 multimode fiber
- Compact QSFP28 form factor for high faceplate density in networking equipment
- Compatibility with multimode connectors and cable infrastructures
- High-speed electrical interface compliant with IEEE CAUI-4
- Power dissipation of 2 W maximum
- Operating temperature range: 0 to 70°C
- Full module diagnostics and control through I2C, compliant with SFF-8636 management interface specifications

## Ordering Information

Part Number	Description
SPTMBP1PMCDF	100G SR4 QSFP28 Optical Transceiver, 70 m reach



## Contact us

For more information on this or other Intel<sup>®</sup> Silicon Photonics products visit us at [www.intel.com/siliconphotonics](http://www.intel.com/siliconphotonics)