200G Single Mode Optical Data Center Connectivity

Description
The Intel® Silicon Photonics 200 Gbps QSFP56 FR4 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 module supports 200G Ethernet connection over single mode fiber links up to 2 km.

Applications
- 200GbE connectivity for large-scale cloud and enterprise data centers
- Ethernet switch, server, router, and client-side telecom optical interfaces

Features
- Compliant with 200G FR4 MSA optical interface specification
- Compact QSFP56 form factor for high faceplate density in networking equipment
- Compatibility with single-mode fiber connectors and cable infrastructure
- CWDM wavelength grid (1271, 1291, 1311, 1331) for uncooled operation
- Electrical interface compliant with IEEE 802.3bm GAUI-4 standard
- Power dissipation of 6.5 W maximum
- Operating temperature range: 15 to 70°C
- Supports Common Management Interface Specification CMIS rev 4.0 standard

Ordering Information

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<tr>
<th>Part Number</th>
<th>Description</th>
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<tr>
<td>SPTSMP3LCDA</td>
<td>200G FR4 QSFP56 Optical Transceiver, 2 km reach</td>
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