QSFP to 4xSFP Converter

40G QSFP to 10G SFP Converting Device
100G QSFP to 25G SFP Converting Device (In Development)

Description

Optical transceiver compatibility problem solving and optical transmission distance extension solution of optical communication equipment.

CV-Q404S10-R3 (19’ RACK Type)

CV-Q404S10-S (Single Type)
QSFP to 4xSFP Converter
40G QSFP to 10G SFP Converting Device
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Features

- 1xQSFP to 4xSFP Converting Device
  - Single Type or 19' Rack Type
- STANDARDS COMPLIANCE
  - QSFP+ End : SFF-8436 IEEE 802.3ba
  - SFP+ End : SFF-8431 SFF-8432 SFF-8472
- Data Rate Per Lane 9.8Gbps to 11.32Gbps
- With 4ch CDR (clock and data recovery)
- DC -48V supply voltage

Application

- QSFP+ long distance link
- InfiniBand 4X SDR, DDR, QDR and FDR
- Ethernet 10G, 40G
- Fiber Channel 10G, 40G, SAN, 4X16G
- Rack-to-Rack, Shelf-to-Shelf Interconnect
- Top of Rack (TOR) and Core Switch

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# Absolute Maximum Ratings

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Symbol</th>
<th>Min</th>
<th>Max.</th>
<th>Units</th>
<th>Conditions</th>
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</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>Tc</td>
<td>0</td>
<td>70</td>
<td>°C</td>
<td>Case</td>
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<tr>
<td>Storage Temperature</td>
<td>Tstg</td>
<td>-20</td>
<td>+85</td>
<td>°C</td>
<td>Ambient</td>
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<tr>
<td>Relative Humidity</td>
<td>RH</td>
<td>5</td>
<td>95</td>
<td>%</td>
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# ELECTRICAL CHARACTERISTICS

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<thead>
<tr>
<th>Parameters</th>
<th>Values</th>
<th>Conditions</th>
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<tbody>
<tr>
<td></td>
<td>Min.</td>
<td>Typ.</td>
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<tr>
<td>Data Rate Per Lane</td>
<td>9.8</td>
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<tr>
<td>Power Supply</td>
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<tr>
<td>Power Consumption</td>
<td>8</td>
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<tr>
<td>Differential Impedance</td>
<td>90</td>
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</table>
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MECHANICAL DIMENSION
CV-Q404S10-S (Single Type)

MECHANICAL DIMENSION
CV-Q404S10-R3 (19’ RACK Type)

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