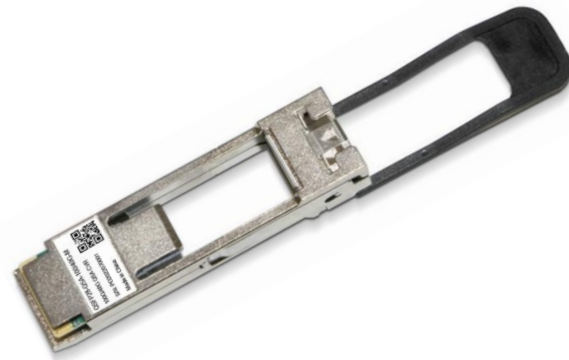


QSFP28-QSA-100/40G-M

QSFP28 to SFP28 and QSFP+ to SFP+ Converter, EEPROM read from SFP

Product Features

- Converts any QSFP28 port to SFP28
- Enabling 25GbE Connectivity on 100GbE Infrastructure
- Low crosstalk, low insertion loss
- Superior signal integrity, matched impedance
- All-metal housing for superior EMI performance
- Inexpensive, easy-to-use, and plug & play
- RoHS, MSA Compliant
- Connects any SFP28 DAC, AOC, or Transceiver to a QSFP28 port
- Resolves system upgrade issues to linking different form-factors and line rates
- Available operating temperature ranges:
 - Extended: -20°C to 85°C



Product Applications

- Data Servers, Routers, Switches
- Networked storage systems
- Data Center networking
- IEEE-802.3ba
- QSFP28 MSA SFF-8665
- SFP28 MSA SFF-8402
- 10GBASE Ethernet
- 25GBASE Ethernet

I. Maximum Ratings

Exceeding the limits below may damage the transceiver module permanently.

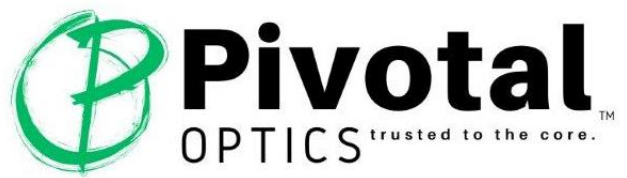
Parameter	Symbol	Min.	Typ.	Max.	Units
Supply Voltage		-0.3		3.6	V
Data Input Voltage		-0.3		3.6	V
Control Input Voltage		-0.3		3.6	V

Notes:

1. Determined by SFP's specification

QSFP28-QSA-100/40G-M

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II. Operating Specifications

Parameter	Symbol	Min.	Typ.	Max.	Units
Supply Voltage	V _{cc}	3.135	3.3	3.465	V
Power Consumption				0.1	W
Operating Case temperature	TC	-20		+85	°C
Operating Relative Humidity		5		85	%
Storage Temperature	TS	-40		+85	

III. Electrical Specifications

Parameter	Symbol	Min.	Typ.	Max.	Units
Characteristic Impedance		90	100	110	Ω

IV. Ordering Information

Pivotal Part Number	Description
QSFP28-QSA-100/40G-M	QSFP+ to SFP+ Adapter Module (read EEPROM configuration from SFP+ port)
	QSFP28 to SFP28 Adapter Module (read EEPROM configuration from SFP28 port)

Warranty

<https://pivotaloptics.com/warranty/>

Disclaimer

External physical characteristics are subject to variation. This may include, but is not limited to, external case designs, pull tab colors and/or shapes, removal latch styles or colors, and label sizes and placement. These variations do not affect the function or characteristics of the transceivers.