



Features

- Customizable power consumption
- Custom memory maps available Supports 100Gbps total data rate
- Host-pluggable MSA footprint
- Full SFF-8665 MSA compliant
- Temperature range from 0° to 80°C
- Compliant with SONET, SDH, GBE, Fibre Channel
- MSA Compliant EEPROM
- Power Classes 1 through 6 are available

Applications

- QSFP port/system testing
- Ethernet IEEE 802.3 (Gigabit, 10 Gigabit, 40 Gigabit, and 100 Gigabit Ethernet)
- SDR, DDR and QDR Infiniband Transmission
- SONET, SDH, GBE, Fibre Channel Support

Recommended Operating Conditions

Parameter	Symbol	Min.	Typ.	Max.	Units	Note
Operating Temperature	TA	W		80	°C	
+3.3V Supply Voltage	V _{cc}	3.0	3.3	3.6	V	Main Supply Voltage
Data Rate		0		112	Gbps	Guaranteed to work at 28Gbps per lane
Input/ Output Load Resistance	RL	90	100	110	Ω	
Jitter			33			Note2
Power Level 0				0		0A
1				1		0.3A
2				1.5		0.45A
3				2	W	0.6A
4				2.5		0.75A
5				3		0.91A
6				3.5		1.06A

*Note: 1. Ambient temperature with a minimum of 100 linear feet per minute of air flow

2. Measured with 10gtek 25G BERT and 10gtek QSFP28 Host Test Board