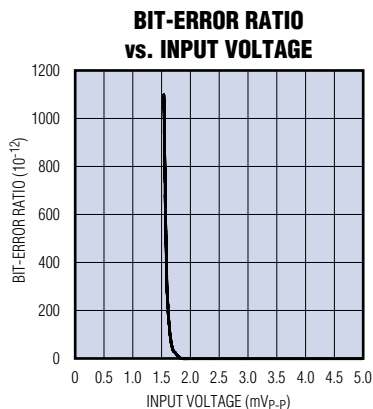
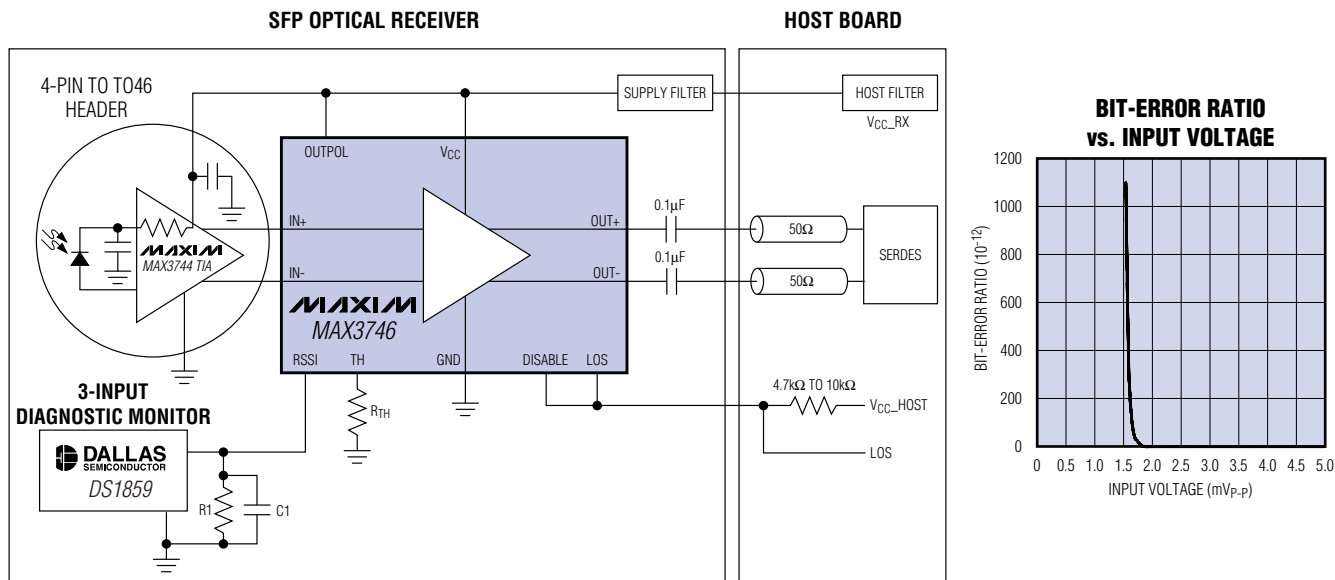


DESIGN MULTIRATE SFP MODULES WITH NEW 66mW POSTAMP

Implement Digital Diagnostics Using 4-Pin T046 Header

The 3mm x 3mm MAX3746 limiting amplifier operates from 622Mbps up to 3.2Gbps, consumes only 66mW power, and provides superior EMI performance. Using inexpensive 4-pin TO46 headers, the MAX3746 can be DC-coupled to the MAX3744 TIA to provide SFF-8472 compliant receive-power monitoring. The MAX3746 is pin compatible to the MAX3748A and consumes 40% less power.



- ◆ Low 66mW Power Consumption
- ◆ Symmetrical Outputs Lead to Better EMI Performance
- ◆ Small 3mm x 3mm Package
- ◆ SFF-8472 Compliant Solution in 4-Pin TO CAN
- ◆ Reference Design Available
- ◆ Pin-Compatible to the MAX3748A

Part	Description	Temperature Range (°C)	Data Rate (bps)	Pin-Package	Price† (\$)
MAX3746ETE	Limiting amplifier	-40 to +85	622M to 3.2G	16-Pin QFN (3mm x 3mm)	4.75

†1000-up recommended resale. Prices provided are for design guidance and are FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities.



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