

050-338-EVALBOARD

PCB Mount Evaluation Board Manual

Description

The 050-338-EVALBOARD can be used to evaluate PCB Mount Quad Optical Transmitters and PCB Mount Quad Optical Receivers. The evaluation board has been designed for high data rate operation and incorporates 8 SMA connectors that interface with high speed 100 ohm differential lines which can support testing of products up to 10Gbps data rates.

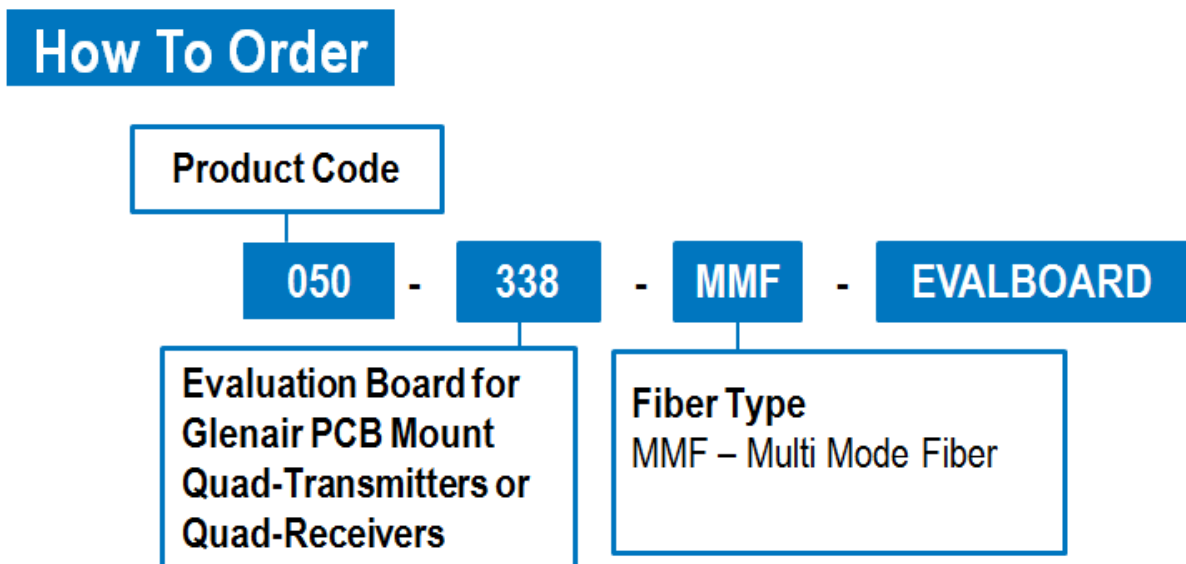
The evaluation board is designed as an interface to allow evaluation of the Optical Transmitter and the Optical receiver on the board mount Quad Transmitter or Quad Receiver modules. Devices are powered through the 3.3V and GND connections.

For the transmitters, Fault condition (TXn-Fault) can be monitored for each individual transmitter (TX1, TX2, TX3, TX4) via test points and each individual Transmitter enables (TXn-Enable) can be controlled via Jumpers.

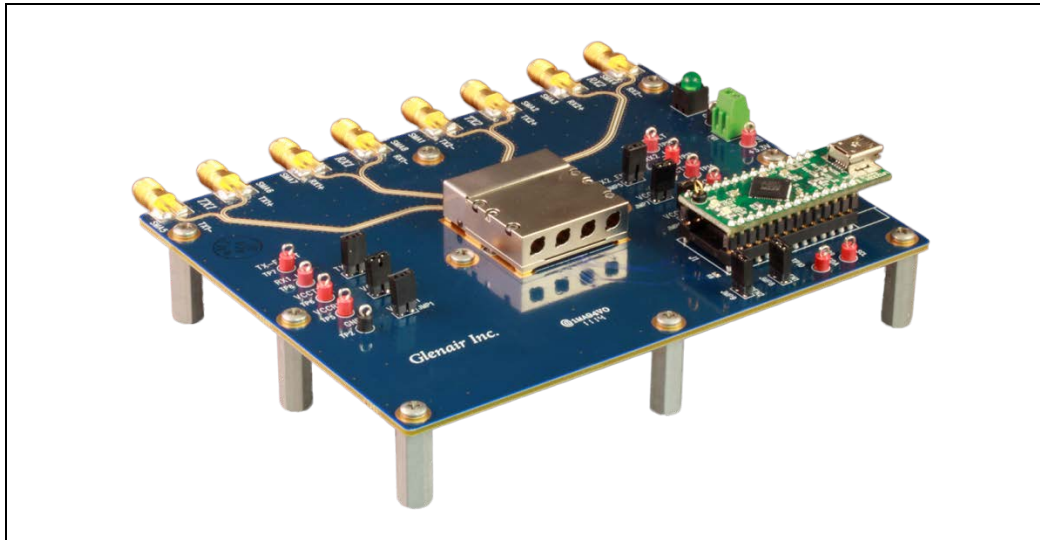
For the receivers, loss of signal (LOS_n) state can be monitored for each individual receiver (RX1, RX2, RX3, RX4) via test points.

How to Order

The 050-338 evaluation board is a general test board that can be used to test Glenair PCB Mount Quad-Transmitters or PCB Mount Quad-Receiver.



Board Photo (Representative)



What is included with the Evaluation board

The 050-338-EVALBOARD kit includes the following:

- Evaluation board, PCBA 990-05102
- 4 fiber optic cables (P/N: FA03096, 1m, 50 μ m/125 μ m, ARINC 801 connector to LC connector)
- Gap Pad 0.040" thick, Glenair P/N : 990-051-003-040, Laird Technologies, Tflex 700 Series Thermal Gap Filler, Laird P/N: A15896-04
- Gap Pad 0.050" thick, Glenair P/N : 990-051-003-050, Laird Technologies, Tflex 700 Series Thermal Gap Filler, Laird P/N: A15896-05

050-338- MMF -EVALBOARD	USED TO TEST: 050-336 (850nm VCSEL MMF Quad-Transmitter, 0.1-5 Gbps) 050-337 (850 nm MMF Quad-Receiver, 0.1-5Gbps)
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