

050-334-EVALBOARD

PCB Mount Dual Transceiver Evaluation Board Manual

Description

The 050-334-EVALBOARD can be used to evaluate 050-333 Board Mount Dual Optical Transceiver Operating from 100Mbps to 5Gbps data rate. The transceivers can be used for bidirectional fiber optic link over 4 multimode 50 μm /125 μm or 62.5 μm /125 μm type fiber optic cables.

For purposes of this document, 050-333, will henceforth be referred to as Unit under Test (UUT).

The evaluation board is designed as an interface to allow evaluation of the Optical Transmitters and the Optical receivers on the board mount dual transceiver module. Devices are powered through the 3.3V and GND connections.

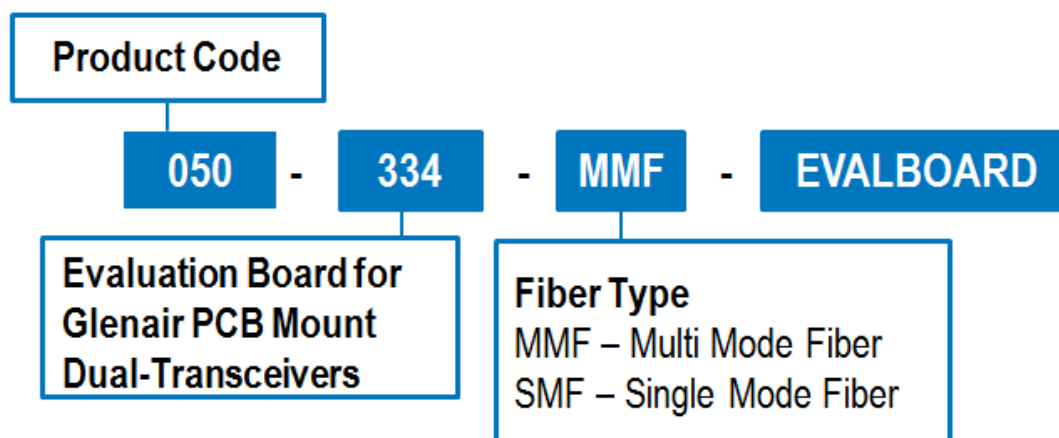
For each of the transmitters, Fault condition (TXn-Fault) can be monitored via test points and the Transmitter disable (TXn-Disable) can be controlled via Jumpers.

For each of the receivers, loss of signal (LOS_n) state can be monitored via test points.

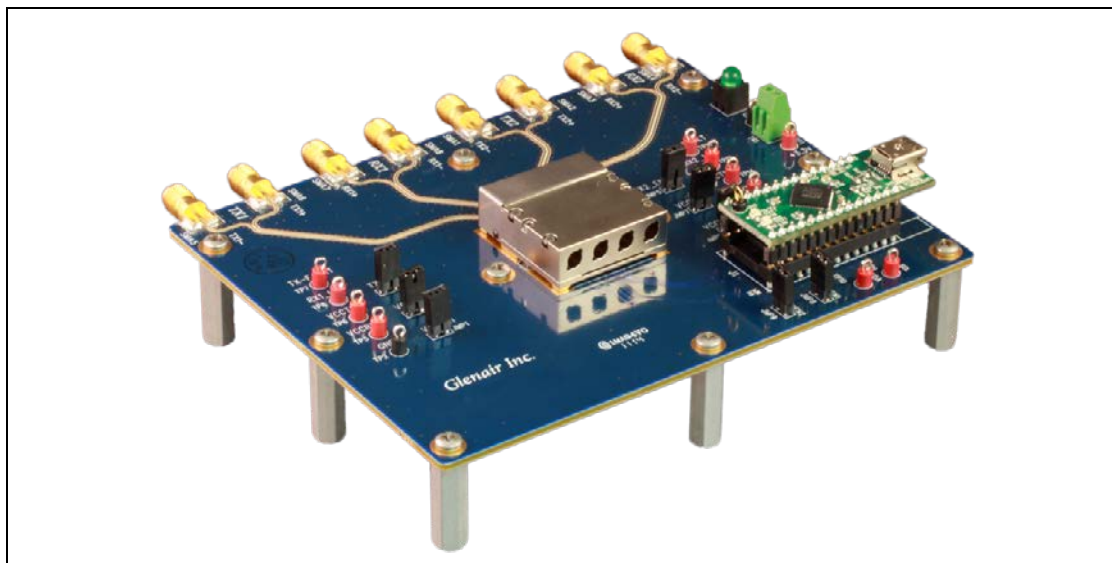
How to Order

The 050-334 evaluation board is a general test board that can be used to test Glenair Dual-PCB Mount transceivers. The test board has been designed to support data rates up 12.5Gbps.

How To Order



Board Photo



What is included with the Evaluation board

The 050-334-MMF-EVALBOARD kit includes the following:

- Evaluation board PCBA 990-05076
- 4 fiber optic cables (P/N: FA03096, 1-2m, 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

050-334-MMF-EVALBOARD	USED TO TEST: 050-333 (850nm VCSEL MMF Dual-XCVR, 0.1-5 Gbps)
-----------------------	--