

QSFP+ MCB

ML4021

QSFP+ Host Module
(4x14G) Interconnects



Key Features

- Current/ Power supply monitoring
- High performance SI traces on Rogers PCB from coax to interface for rate support up to 4 x 14Gb/s)
- 16 SMA connectors for testing the TX and RX channels
- User Friendly GUI (Graphic User interface)
- USB controlled
- On-board LEDs showing MSA output Alarms states

- On-board buttons/jumpers for MSA input control signals
- SFF-8436 Compliant I2C Master
- Four corner test capability

Ordering Information

ML4021

Superior Integrity and Performance

Summary

QSFP+ Host (Quad Small Form Factor) MSA Compliant Master Host board **ML4021**, is designed to provide an efficient and easy method of programming and 40G QSFP/QSFP+ transceivers, active optical cables.

The **ML4021** comes complete with Window's based software and user manual to enable intuitive memory map programming and testing, controlled via mini B USB.

It is designed to simulate an ideal environment for QSFP/QSFP+ transceivers module testing, characterization and manufacturing test. Its properties make the host board as electrically transparent as possible, allowing for a more accurate assessment of the module's performance.

Software Capabilities

- QSFP+ Module Status/Control
- MSA Compliant

Applications

- 40G Electrical module testing and characterization

- High-speed data interface between an ASIC (SerDes) and the QSFP+ module
- Multimode and single mode fiber application
- 4x 16G Fiber Channel
- 4x 10 Gb/s Datacom applications: 10G Fiber Channel, 10G Ethernet and 10G SDH/STMSONET applications