

# 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

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