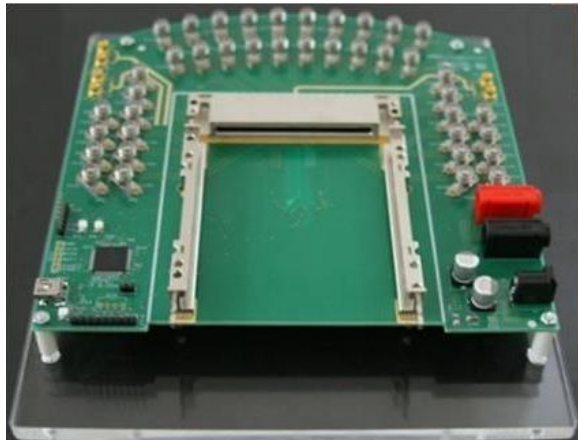# CFP MCB
ML4018

CFP Host module
(10x10G) Interconnects

Key Features

- High Performance signal integrity traces from coax to interface
- CFP MSA Form Factor
- Low Insertion Loss Rogers 4350 based material
- Supports 10x10G interfaces
- MSA compliant Digital Diagnostic and Monitoring Interface (DDMI).
- Status LEDs indicators.
- TX and RX channels come with maximum trace length of 3400 mils
- Operates at up to 11.2 Gb/s per channel
- User friendly GUI for MDIO control and loading custom MSA tables.

- External reference clock (SMP)
- USB controlled
- Economical CFP Port Testing
- Custom Memory Maps
- Board Level System Testing

Ordering information ML4018

Superior Integrity and Performance

Summary

CFP MSA Compliant Host board **ML4018**, is designed to provide an efficient and easy method of programming and testing 40/100G CFP modules.

The **ML4018** comes complete with a user friendly GUI supporting all features defined by CFP MSA and user manual to enable intuitive testing.

The **ML4018** host is designed to simulate an ideal environment for CFP module testing. These characteristics make the host board as electrically transparent as possible, allowing a more accurate assessment of the CFP module's performance.

Applications

- 10x10G Electro-optical module testing and characterization
- High-speed data interface between an ASIC (SerDes) and the CFP module
- MSA Compliant

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