10g optical module pins

This application note provides the schematics, PC-board layout, Gerber files, bill of materials (BOM), firmware, and a graphical user interface (GUI); not only for the module but also for the evaluation board.

MACOM offers PIN photodiode based photoreceivers in a variety of packages, including OEM module and instrument-style. A wide range of 10G solutions are available for applications up to 15 Gb/s ...

To avoid exceeding system power supply limits and cooling capacity, the module may be placed in the power down mode by pulling pin 21 High. This guarantees module operating in Low Power mode ...

The high speed 10Gb/s electrical interface is fully compliant with SFI specification. The high performance CWDM DFB transmitter and high sensitivity PIN receiver provide superior performance for Multiple ...

This evaluation board is a complete SFP+ module as defined in the SFP+ MSA document. The design uses Micrel"s MIC3003 controller, the 10G DFB/FP laser driver SY88022AL, and any of the following ...

Module ground pins GND are isolated from the module case. Shall be pulled up with 4.7K-10Kohms to a voltage between 3.15V and 3.45V on the host board.

Our 10G InGaAs Photodiodes and Optical Receivers are meant for 850nm - 1650nm wavelength, with singlemode or multimode fiber for applications such as telecom, datacom, Cable TV, and Microwave ...

RS0 is an input hardware pin which optionally selects the optical receive data path rate coverage for an SFP+ module. RS1 is an input hardware pin which optionally selects the optical transmit path data ...

Optical Transmitter Power TX output power measurement is based on internal monitor diode feedback. Represented as a 16-bit unsigned integer with the power defined as the full 16 bit value (0 ñ 65535) ...

A practical, engineer-grade guide to 10GBASE-LR: what it is, 1310nm single-mode SFP+ specs, optical budget examples, deployment best practices and troubleshooting.

Click to get your 10G SFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

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