FMC optical module



Overview

On-board optical modules continue to gain acceptance in embedded, medical and mil/aero applications.

Article Content

Optics / FPGA Kits

On-board optical modules continue to gain acceptance in embedded, medical and mil/aero applications. Samtec offers a wide portfolio of FMC™, FMC+™ and optical module evaluation kits for

FMC Vita 57.1 & 57.4 daughter cards / modules

The Vita57.1 (FMC) modules provide access to up to 160 single-ended I/Os (80 LVDS) and/or up to 10 serial transceivers in a 40 x 10 configuration. The FMC

Optics / FPGA Kits

Optics / FPGA Kits FPGA developers and system-level architects prototyping with industry-standard FPGA evaluation and development kits often leverage the

14 Gbps FireFly™ FMC™ Development Kit

The FireFly™ optical engines provide adjustable power levels to support cable lengths up to 100 m. The Samtec 14 Gbps FireFly™ FMC™ Module supports

ALINX 40G fiber optic interface fiber optic transceiver FH1224 FMC

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Product Description FH1224 is a 2-channel 40G QSFP+ fiber optic module, with each fiber optic transceiver integrating 4 transmission channels and 4 reception channels. This 4-channel pluggable

New Optical FMC+ Module Supports Extended

New Optical FMC+ Module Supports Extended Temperature Ranges By Matt Burns March 15, 2019 Board-to-Board, Optics, Products, Silicon-to

FMC-SFP+

FMC-SFP provides four SFP ports on a standard FMC module with programmable clock and support features. Fiber optic links to remote IO, such as Remote Radio

25/28 Gbps FireFly™ FMC+™ Development Kit

Samtec''s 25/28 Gbps FireFly™ FMC+™ Module is VITA™ 57.4 compliant connecting an FPGA to fiber optic cables up to 100 meters.

FMC Cards | Optical Interfaces | Great River Technology

FMC Cards - Optical Interfaces TECHWAY, our European partner, develops advanced hardware for signal and video acquisition and processing in real-time applications, including high-speed optical

FPGA-to-fibre with Samtec''s 14 Gbps/ch FireFly FMC

The FMC Module provides up to 140 Gbps full-duplex bandwidth over 10 channels from an FPGA to an industry-standard multi-mode fibre optic cable.

25 Gbps (x12) Optical FireFly FMC+ Module Demonstration Platform

Samtec has recently released a new development platform for our FireFly Micro Flyover System optical engine: the 25 Gbps (x12) FireFly FMC+ Module. This new dev tool provides up to 300 Gbps full

25/28 GBPS FIREFLY FMC+ DEVELOPMENT KIT

VITA 57.4-COMPLIANT FMC+ MODULE CONNECTS FPGAs TO FIBER OPTIC CABLES UP TO 100 METERS Samtec''s 25/28 Gbps FireFlyTM FMC+ Module provides up to 400/448 Gbps full-duplex

Samtec 28 Gbps FireFly™ FMC+ Module

FireFly™ FMC+ Module provides up to 448 Gbps full-duplex bandwidth over up to 16 channels from an FPGA to an industry-standard multi-mode fiber optic cable. As a VITA 57.4 FMC+ solution, the

Optical FMC (high-speed FPGA Mezzanine Card)

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Taking advantage of the SAMTEC FireFly™ optical modules, our TigerFMC optical FMC solutions are designed for high-density and high-speed optical

opticalModule Deluxe

The Sonore opticalModule Deluxe is a bi-directional fiber media converter (FMC) that isolates ethernet devices from noise. It can be used to add fiber-optic

High Speed Optical Plug-In Card

The MPO-38388-BFCXA-01A from Micropac is a 2 to 10Gb FMC Optical Transceiver Mezzanine PCB. It is a VITA-compliant, SOSA-aligned FMC optical

LHY FMC vs the Sonore Optical Module Deluxe with LPS

Looking at a LHY SW-6 SFP router or Trendnet to either the LHY FMC or Sonore Optical Deluxe? I have not tried an LHY SW-6, but I did have an LHY SW-10 in-house for two weeks and

14 Gbps FireFly™ FMC™ Development Kit

Samtec''s 14 Gbps FireFly™ FMC™ Module provides up to 140 Gbps full-duplex bandwidth over 10 channels from an FPGA to an industry-standard multi-mode

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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Website: https://kenhardtprimary.co.za
Technical inquiry: https://kenhardtprimary.co.za/project-desk.html
African project coordination: Century City, Cape Town, Western Cape, South Africa

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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