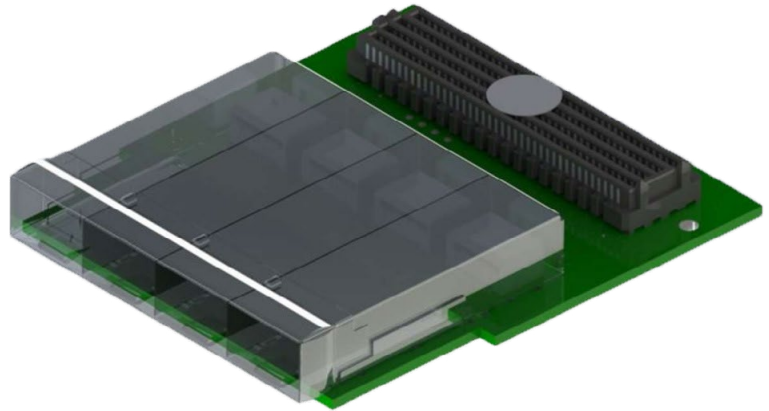




x4 SFP FMC Module

Key Features

- Fully compatible VITA57.1 FMC module
- Quad SFP28/zSFP interfaces supporting upto 28 Gb/s NRZ data rate
- Support for 1G/10G/25G Ethernet per interface
- Simplified I2C based FMC module control, configuration and status
- Supports VADJ from 1.2V – 3.3V
- Control/status for each SFP module using I2C based I/O expander
- Two user controlled board mounted (no light pipes) LEDs per SFP interface
- I2C programmable 10 – 1GHz clock oscillator with default 156.25MHz clock
- Support for sub-LVDS (low VCM), LVDS and CML FMC GBT/M2C clocks
- 256Byte FMC EEPROM



Quad SFP28 FPGA Mezzanine Card (FMC) I/O module designed as per VITA57.1 specifications with support for up to 28Gbps NRZ data rates


Deliverables

- Board Schematics
- APIs for module control/status, LED control and clock configuration
- User guide

Links

<http://www.hiteksys.com/i-o-modules>
<http://www.hiteksys.com/i-o-modules/x4-sfp-fmc-module>

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