

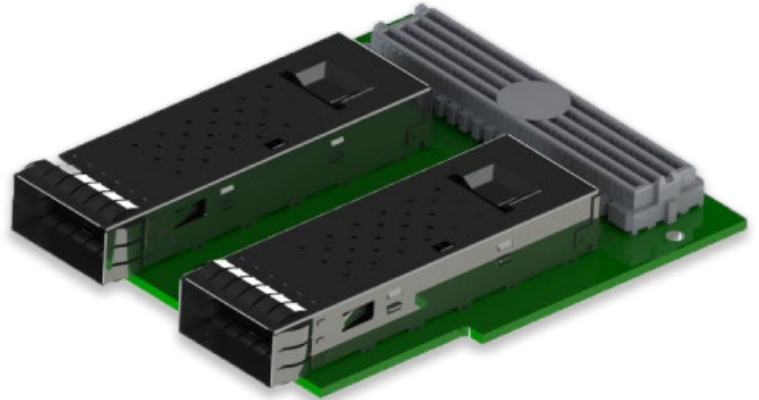


x2 QSFP FMC Module

Product Brief (FMC-x2QSFP)

Key Features

- Fully compatible VITA57.1 FMC module
- Dual QSFP28/zQSFP interfaces supporting up to 28 Gb/s NRZ per channel
- Support for 4x 10G, 1x 40G XLAUI, 2x 50GAUI-2 and x1 100G CAUI-4 Ethernet
- Simplified I2C based FMC module control, configuration and status
- Supports VADJ from 1.2V – 3.3V
- Control/status for each QSFP 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 V_{CM}), LVDS and CML FMC GBT/M2C clocks
- 256Byte FMC EEPROM



Dual QSFP28 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

<https://www.hiteksys.com/i-o-modules>
<https://hiteksys.com/i-o-modules/x2-qsfp-fmc-module>

Product Ordering Codes

FMC-x2QSFP-0

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