

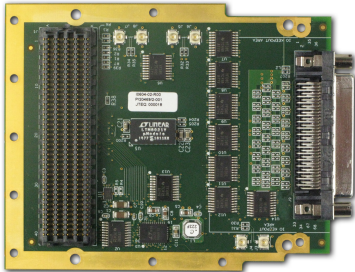
AD01264

Prime Application

Discrete I/O

Board Features

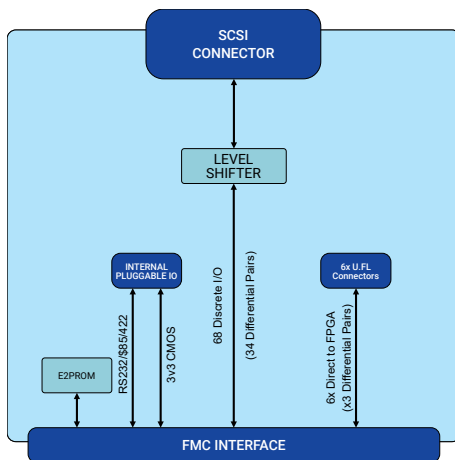
- VHDCI (SCSI-3) 68-pin Connector
- Level Shifting on IO signals (Direct from FPGA)



Summary

The **FMC-IO68** is an FMC I/O Module which provides a discrete I/O Interface.

The FMC-IO68 is a VITA 57.1 compliant single width HPC FMC module, designed for use with Alpha Data's VITA 57.1 compliant carrier cards. It provides the user with 68 IO signals to an industry standard SCSI connector.



Deliverables

FMC-IO68 Board
One Year Warranty
One Year Technical Support

Board Format

VITA 57.1 FPGA Mezzanine Card (FMC)

Input/Output Interfaces

Digital I/O

single ended I/O (or (34 differential pairs)
RS232/RS422 Links
+3V3 CMOS I/O
Direct FPGA Links

Environmental Specification

Cooling Option	Operating Temperatures		Storage Temperatures	
	Min	Max	Min	Max
ACE	0°C	+70°C	-55°C	+100°C

Operating Humidity

Up to 95% (non-condensing)

EMC Standards

FCC 47CFR Part 2
EN55022:2010 Equipment ClassB

Ordering Information

Order Code: **FMC-IO68(v)**

Option	Code	Description of Options
IO Voltage	v	blank = Direct from FPGA, /3V3 = 3.3V, /5V0 = 5.0V