

# F1001 – cPCI Carrier Board for 1 M-Module (for e.g. NI Systems)

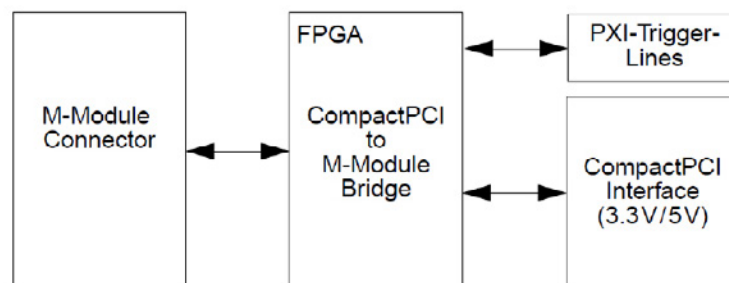


## Features

- The F1001 carries 1 M-Module and integrates it into an National Instruments PXI system
- M-Module slots
  - One M-Module slot on a standard CompactPCI board
  - Compliant with M-Module standard
  - Characteristics: A08D16, A24D32,
  - INTA, TRIGI, TRIGO
- CompactPCI bus
  - 32-bit / 33/66 MHz PCI-to-M-Module bridge
  - Compatibility to CompactPCI busses with VI/O= 3.3V and VI/O=5.0V
  - FPGA-based
- Mechanical specifications
  - Dimensions: Conforming to CompactPCI specification for 6U boards
  - Front panel: aluminum with one handle, cut-outs for front connector of M-Module
- Supports 8 PXI trigger lines
- Needs only about 8MBytes address space
- Up to 20% faster access time than with the former solution

## Block Diagram

### F1001



## Order Information

Order Number	IO-F1001
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