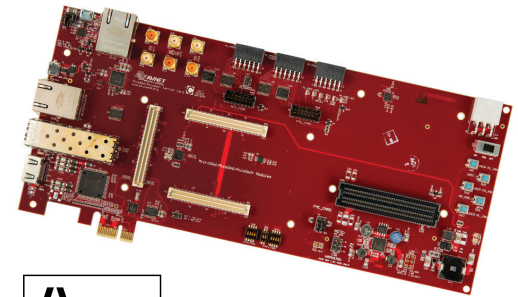


The PicoZed™ FMC Carrier Card supports development of PicoZed-based designs with a platform containing all the necessary interfaces and I/O expansion required for the PicoZed System-on-Module. The carrier card provides connector interfaces for the on-module Gigabit Ethernet PHY and USB PHY, and also supports common processor system interfaces including μ SD card and USB-UART. A majority of the PicoZed's programmable logic I/O are made available through an LPC FMC connector. In addition, an HDMI output port, a second Gigabit Ethernet port, and several peripheral module connectors are included. The four serial transceivers on the 7015 and 7030 SOMs are allocated to a x1 PCIe Gen2 card edge interface, the FMC connector, a SFP+ cage, and a general purpose SMA interface.

FEATURES

- Memory
 - microSD card socket with 4GB microSD Card
- Communications
 - x1 PCIe Gen 2
 - SFP+ cage
 - SMA port for GTX/GTP
 - 10/100/1000 Ethernet connector
 - 10/100/1000 Ethernet PHY and connector
 - USB 2.0 connector
 - USB UART
- User I/O
 - FMC (Low Pin Count)
 - PS Pmod (Shared with eMMC)
 - PL Pmod #1 (7015/20/30 only)
 - PL Pmod #2 (7015/30 only)
- Other
 - HDMI output port
 - JTAG configuration port
 - Programmable clock mux
 - SMA reference clock input
 - User push buttons and LEDs
 - Adjustable bank voltage power supplies

To purchase this kit, visit www.picozed.org



COMPATIBLE WITH

/PICOZED™

KIT INCLUDES

- PicoZed™ FMC Carrier Card
- 12 V AC/DC power supply
- Quick start card
- microUSB cable
- USB Adapter: Male Micro-B to Female Standard-A
- PicoZed mounting hardware
- microSD Card 4GB

TARGET APPLICATIONS

- PicoZed™ prototyping
- PCIe prototyping
- FMC prototyping

