MicroZed™ FMC Carrier Card

GETTING STARTED

1. Attach MicroZed™ to the FMC Carrier Card
2. Attach 12 V DC power supply to DC Power Supply Jack
3. Navigate to www.microzed.org to download the FMC Carrier Card Reference Design
   a. Select Products → FMC Carrier Card → Reference Designs & Tutorials, download FMC Carrier Card Linux User IO Tutorial
4. Extract all files and follow instructions in the extracted Getting Started Guide
5. For experienced users:
   a. Copy the contents from the sd_image directory to a microSD Card
   b. Set MODE pins on MicroZed to microSD Card boot mode
   c. Insert SD Card with image into MicroZed microSD Card cage
   d. Power MicroZed with the Power Supply ON/OFF Switch on the FMC Carrier Card
   e. Observe the flashing LEDs. Push the User Push Buttons to change the behavior

Features
- **FMC**: Low pin count (LPC) FMC with 72 PL I/Os (36 differential pairs)
- **POWER**: User-Selectable VCCIO PL-bank and FMC Vadj power supply
  - 1.8 V, 2.5 V, or 3.3 V
- **PMODS**: 5 Digilent Compatible Peripheral Module Interfaces
  - One directly connected to PS MIO
  - Two connected to PL I/O banks
  - Two more accessible with 7Z020-populated MicroZed
- **SWITCH/LED**: 4 LED’s, 2 pushbuttons
- **EEPROM**: Ethernet MAC ID

Visit www.microzed.org for kit documentation and other reference designs.
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