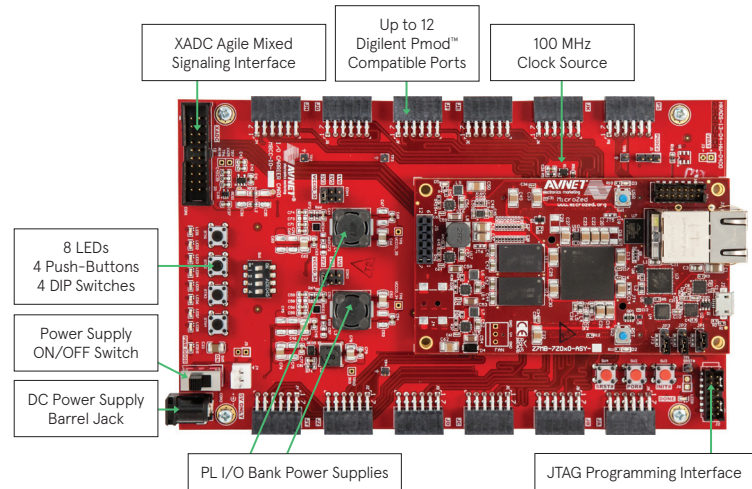


# I/O Carrier Card with MicroZed™



## GETTING STARTED

1. Attach MicroZed™ to the I/O Carrier Card as shown
2. Attach 5 V DC power supply to DC Power Supply Jack
3. Navigate to [www.microzed.org](http://www.microzed.org) to download I/O Carrier Getting Started Guide and Base Reference Design
  - a. Select Products → I/O Carrier Card → Documentation, download latest Getting Started Guide
  - b. Select Products → I/O Carrier Card → Reference Designs & Tutorials, download Base\_IOCC\_Design.zip
4. Extract all files from the Base Reference Design and follow instructions in the downloaded Getting Started Guide
5. For experienced users:
  - a. Select Products → I/O Carrier Card → Documentation, download latest Getting Started Guide
  - b. Copy the BOOT.BIN image from the unzipped directory to a SD Card
  - c. Insert SD Card with image into MicroZed microSD Card cage
  - d. Power MicroZed with the Power Supply ON/OFF Switch on the I/O Carrier Card
  - e. Use terminal program (requires USB-UART) cable to control User LED brightness level



## Features

- **POWER:** User-selectable VCCIO PL-bank power supplies
  - One for each bank. 1.8 V, 2.5 V, or 3.3 V
- **SWITCH/LED:** 8 LEDs, 4 push-buttons, 4 DIP switches
- **AMS HEADER:** Xilinx Agile Mixed Signaling interface to XADC

- **PMODS:** 12 Digilent Compatible Peripheral Module Interfaces
  - One directly connected to PS MIO
  - Nine connected to PL I/O banks
  - Two more accessible with 7Z020-populated MicroZed
- **CLOCK:** 100 MHz PL-connected clock source eiusmod tempor incididunt ut labore et dolore magna aliqua.

Visit [www.microzed.org](http://www.microzed.org) for kit documentation and other reference designs.



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