

# MicroZed™ Breakout Carrier Card

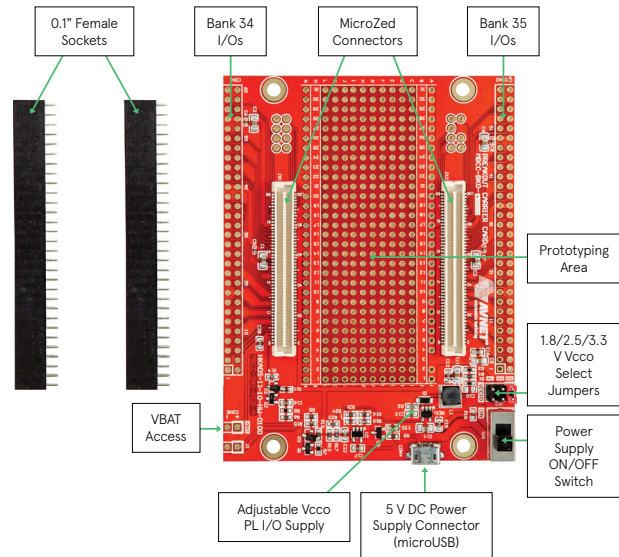


## GETTING STARTED

1. Attach MicroZed™ to the Breakout Carrier Card
2. Attach the 5 V microUSB-style DC power supply to the microUSB connector CON4  
a. Note: CON4 provides power only – No USB connectivity
3. Navigate to [www.microzed.org](http://www.microzed.org) to download any MicroZed standalone Reference Design  
a. Select Products → MicroZed → Reference Designs & Tutorials
4. Extract all files and follow the reference design instructions
5. MicroZed will function exactly the same as standalone mode, with the Breakout Carrier providing MicroZed power through the MicroHeaders and access to the Programmable Logic I/Os through CON1 and CON2
6. Solder the provided 0.1" Female Sockets to either the top or bottom of the board, depending on your preference
7. If desired, the included mounting hardware may also be used to secure the the MicroZed to the Breakout Carrier

### Features

- **PL I/Os:** CON1 and CON2 each provide access to 50 programmable logic I/Os (100 total)
  - Also provides access to 5 V, V<sub>cco</sub>, and GND
  - Kit includes two user-mountable 0.1" 2 x 30 female sockets
- **POWER:** User-Selectable V<sub>cco</sub> PL-bank power supply
  - 1.8, 2.5, or 3.3 V
- **Vbat:** Header footprint for experimenting with battery and Zynq security keys (optional)



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



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