

MicroZed™ Evaluation Kit



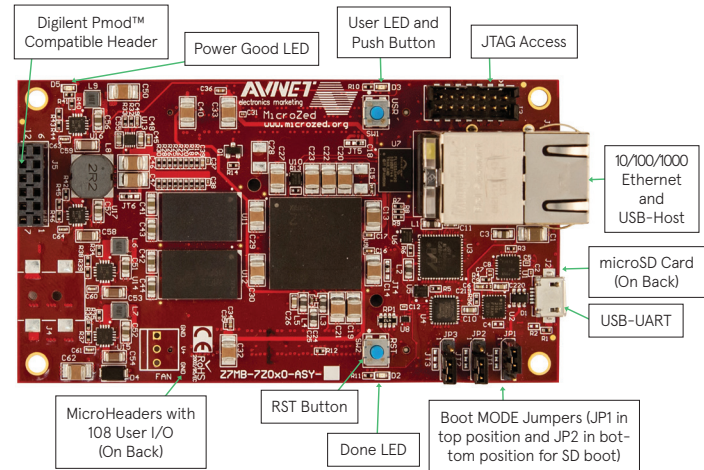
INSTRUCTIONS

1. If not previously installed, go to www.microzed.org to download and install the drivers referenced in Avnet's Silicon Labs CP210x USB-to-UART Setup Guide.
2. Insert the pre-programmed microSD card included in the kit to the card cage on the underside of the SOM.
3. Connect the UART port of MicroZed (J2) to a PC using the microUSB cable.
4. Board will power on. Green Power Good LED (D5) should illuminate. Blue Done LED (D2) will illuminate within 1 second after power-up.
5. Use Device Manager to determine the COM Port. Open a terminal program, configure to 115200/8/n/1/n.
6. Reset the processor by pressing and releasing the RST button (SW2).
7. The terminal will boot to Wind River Pulsar Linux. Please refer to the Wind River Pulsar Linux Quick Start Guide included in this kit for login details and first time operation instructions.
8. When you are done with Pulsar Linux, enter "poweroff" and allow the shutdown to complete before removing power.
9. For QSPI boot, please go to www.microzed.org and download "MicroZed Getting Started Guide".

Features

- **USB-HOST:** MicroZed in standalone mode supports low-power peripherals, such as a mouse or memory stick. To connect a high-power or an additional USB peripheral, first connect a powered USB hub to the USB-Host port.
- **ETHERNET:** After boot-up a dropbear ssh server, ftpd FTP server, and a httpd HTTP server will run. Refer to the documentation on these servers if you are interested in using them. A default website is hosted on the

Please visit www.microzed.org > Support > Documentation for the complete Getting Started Guide with detailed setup instructions and numerous example designs.



httpd server that can be reached at the static IP: 192.168.1.10.

- **SWITCH/LED:** One LED and one push button are accessible through a GPIO peripheral.

- **microSD CARD:** The microSD Card is automatically mounted at /mnt during boot-up.
- **EXPANSION:** MicroHeaders allow I/O expansion via MicroZed carrier cards or customized OEM baseboards.

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