

## Microzed Getting Started Guide Avnet

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### **RFSoc Development Kit Getting Started Guide - microzed.org**

In addition to the evaluation kit, MicroZed is also available for volume purchase as a module only (no cable, license voucher, or uSD Card). This System-On-Module or SOM version of MicroZed comes in either the Zynq 7Z010 or 7Z020 version. Custom-built versions of MicroZed are available at your local Avnet sales office or e-mail: [customize@avnet.com](mailto:customize@avnet.com).

### **Connector (FMC) Carrier Card Getting Started Guide - Avnet**

To set up the MicroZed board, Connect your computer to the

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USB-UART port on your MicroZed board. Connect your computer to the JTAG Access port on your MicroZed board. Connect a router or internet-connected Ethernet port to the Ethernet and USB-Host port on your MicroZed board.

### | **Zedboard - microzed.org**

MicroZed Board Definition Install for Vivado 2015.1, 2015.2 - modify installation path for Vivado 2015.2

### **Microzed Getting Started Guide Avnet**

MicroZed Getting Started Guide Page 9 of 43 MicroZed Basic Setup and Operation The MicroZed QSPI Flash is preloaded with an example open source Linux build with a RAMdisk file system. This document was created using a host PC running Windows 7 and the instructions apply directly to a Windows 7 host PC. It is recommended that the

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## **MicroZed | Zedboard**

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## **MicroZed Getting Started Guide - Avnet**

1 Getting Started with MicroZed The Avnet MicroZed enables hardware and software developers to create or evaluate Zynq™-7000 All Programmable SoC designs. MicroZed has the unique ability to operate both standalone as well as a system-on-module (SOM).

## **MicroZed Getting Started Guide - Zedboard**

PicoZed SDR Breakout Carrier Getting Started Guide Page 6 of

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24 This Getting Started Guide will outline the steps to setup the PicoZed SDR Breakout Carrier, and perform data acquisition for visualization of signals in the time and frequency domains.

### **MicroZed | element14 | ZedBoard Community**

The Getting Started guide covers the exploration of this Linux environment well and even includes examples of how to interact with GPIO (LEDs and buttons) from the command line or shell scripts. However, this is the sort of thing that the Raspberry Pi excels at and you'll find far more documentation and support.

### **Avnet UltraZed™ PCIe Carrier Card Getting Started Guide**

The Avnet MiniZed Support Package for Simulink makes it easy to program the board using C and HDL code generation directly from Simulink®. Communicate with the deployed model on MiniZed during runtime over Ethernet or WiFi. You can find the support package in MATLAB using Add-On Explorer, or by

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searching the MATLAB File Exchange.

## **MicroZed Getting Started Guide - Avnet**

MicroZed IOCC Getting Started Guide. Page 4 of 23. Getting Started with the MicroZed I/O Carrier Card. The Avnet MicroZed I/O Carrier Card (IOCC) enables hardware and software developers to expand the capabilities of the MicroZed System-on-Module (SOM).

## **MicroZed | Avnet Boards**

Go to Avnet Boards. MicroZed™ is a low-cost development board based on the Xilinx Zynq®-7000 All Programmable SoC. Its unique design allows it to be used as both a stand-alone evaluation board for basic SoC experimentation, or combined with a carrier card as an embeddable system-on-module (SOM). MicroZed contains two I/O headers that provide connection to two I/O banks on the programmable logic (PL) side of the

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Zynq®-7000 All Programmable SoC device.

## **Getting started with the Xilinx Avnet MicroZed Industrial**

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RFSoc Development Kit Getting Started Guide Page 12 Subnet 255.255.255.0 From the host PC, open a Windows command prompt and ping the ZCU111 board to verify Ethernet connectivity. C:\> ping 192.168.0.105 From the host PC serial terminal connection to Linux running on the ZCU111, verify Ethernet connectivity by pinging your host PC.

## **MicroZed | Zedboard**

Getting Started with the MicroZed IIoT Starter Kit The Avnet MicroZed IIoT Starter Kit enables hardware and software developers to create and evaluate Zynq™-7000 All Programmable SoC designs, using on-board sensors to gather information from the immediate surroundings and transmit the

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data to a Cloud environment.

## **MicroZed Getting Started Guide - Avnet**

Avnet BCM4343W IoT Starter Kit - Getting Started Guide Page 14 of 33 11. Click on Embedded C followed by click on Generate Certificate and Policy 12. Click on each of the three download links. Use Windows file-explorer to move the downloaded keys and certificate file to a suitable folder, eg. \AWS\_IoT\_Credentials 13. Click on Confirm and Start Connecting

## **Getting Started Guide - microzed.org**

- Follow the instructions in the README file to copy the boot image onto the Avnet supplied microSD card.
- Insert the microSD card into J1 microSD card slot on the PCIe Carrier Card.
- Set the UltraZed-EG SOM SW2 Boot Mode switch (MODE[3:0] = SW2[4:1]) to ON, OFF, ON, and OFF positions (Boot Mode set to SD Card, MODE[3:0] = 0x5).



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### **MicroZed Getting Started Guide - Avnet**

This Getting Started Guide briefly describes the hardware setup and then details the steps required to build the necessary support for the two wireless interfaces into a MicroZed reference design, based on the Xilinx Open Source Linux distribution

### **AVNET MicroZed™ Evaluation Kit - Review | element14 ...**

Even though you have a Rev. C MicroZed, the built in board definition for Rev. E MicroZed will work since the hardware is identical from the tool's perspective. I also just posted a "MicroZed Zynq PS Preset for Vivado 2013.3 (TCL)" in this document section.

### **MiniZed Getting Started Guide - microzed.org**

This guide provides detailed information for getting started with the Avnet's 7-inch Zed Touch Display Kit attached to ZedBoard

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or MicroZed (with I/O Carrier Card). This kit provides engineers with everything needed to develop products

### **MicroZed Getting Started Guide - Avnet**

This Getting Started Guide offers system developers examples of how to do several things with the MicroZed and FMC-CC together: 1. Interact with GPIOs on the FMC-CC, including the four LEDs and the two push buttons. 2. Control the blink rate of the LEDs using push button input. 3. Boot the example design from MicroZed's microSD Card