FPGA SET UP GUIDE:

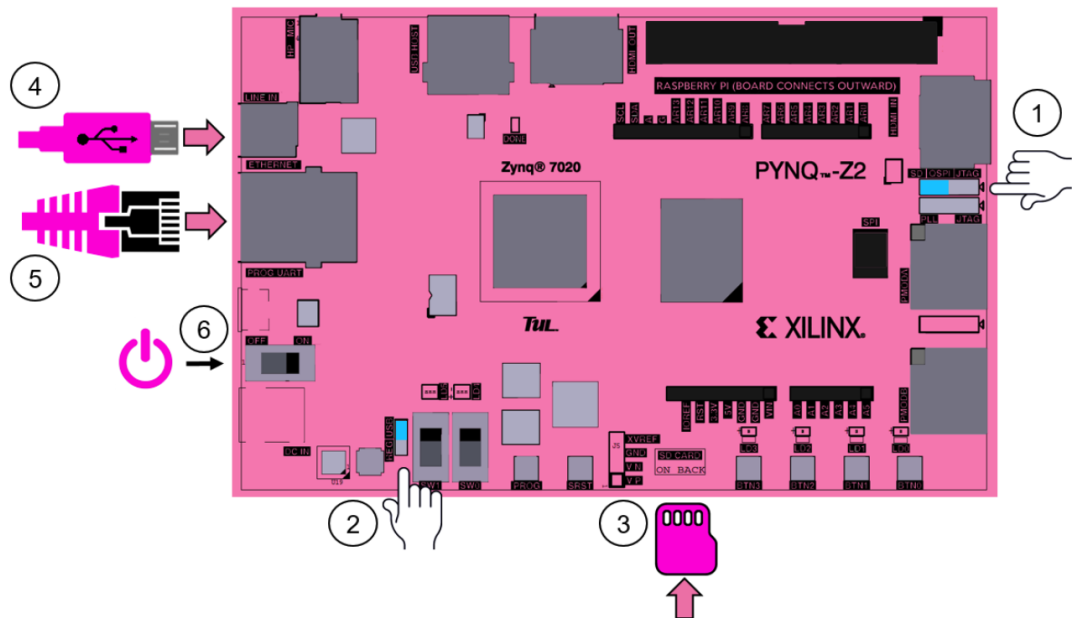## Prerequisites

- PYNQ-Z2 board
- Computer with compatible browser (Supported Browsers)
- Ethernet cable
- Micro USB cable
- Micro-SD card with preloaded image, or blank card (Minimum 8GB recommended)

FPGA Set up guide video link:

https://www.youtube.com/watch?v=RiFbRf6gaK4#action=share

Board Setup

1. Set the ** Boot** jumper to the *SD* position. (This sets the board to boot from the Micro-SD card)

2. To power the board from the micro USB cable, set the **Power** jumper to the *USB* position. (You can also power the board from an external 12V power regulator by setting the jumper to *REG*.)

3. Insert the Micro SD card loaded with the PYNQ-Z2 image into the **Micro SD** card slot underneath the board

4. Connect the USB cable to your PC/Laptop, and to the **PROG - UART** MicroUSB port on the board

5. Connect the Ethernet port by following the instructions below

6. Turn on the PYNQ-Z2 and check the boot sequence by following the

    instructions below