

Setting PYNQ-Z1

1. Plug in the power adaptor to power up the board.
2. Connect the USB interface to a spare USB port on your workstation.
Make sure you have installed the Digilent cable driver if you use Vivado locally on your own machine.
Execute the command as shown in the picture below.

```
yourti@yourti-400TDA-400SDA:/tools/Xilinx/Vivado/2020.2$ cd data/xicom/cable_drivers/lin64/install_script/install_drivers
yourti@yourti-400TDA-400SDA:/tools/Xilinx/Vivado/2020.2/data/xicom/cable_drivers/lin64/install_script/install_drivers$ sudo ./install_drivers
[sudo] password for yourti:
INFO: Installing cable drivers.
INFO: Script name = ./install_drivers
INFO: HostName = yourti-400TDA-400SDA
INFO: Current working dir = /tools/Xilinx/Vivado/2020.2/data/xicom/cable_drivers/lin64/install_script/install_drivers
INFO: Kernel version = 5.13.0-48-generic.
INFO: Arch = x86_64.
Successfully installed Digilent Cable Drivers
--File /etc/udev/rules.d/52-xilinx-ftdi-usb.rules does not exist.
--File version of /etc/udev/rules.d/52-xilinx-ftdi-usb.rules = 0000.
--Updating rules file.
--File /etc/udev/rules.d/52-xilinx-pcusb.rules does not exist.
--File version of /etc/udev/rules.d/52-xilinx-pcusb.rules = 0000.
--Updating rules file.
INFO: Digilent Return code = 0
INFO: Xilinx Return code = 0
INFO: Xilinx FTDI Return code = 0
INFO: Return code = 0
INFO: Driver installation successful.
CRITICAL WARNING: Cable(s) on the system must be unplugged then plugged back in order for the driver scripts to update the cables.
yourti@yourti-400TDA-400SDA:/tools/Xilinx/Vivado/2020.2/data/xicom/cable_drivers/lin64/install_script/install_drivers$ sudo adduser $USER dialout
Adding user 'yourti' to group 'dialout' ...
Adding user yourti to group dialout
Done.
```

3. Turn the board on.