**Python Setup with AD9081 and ZCU102**

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Note: These were created, and verified to work, in Dec 2023. Things may have changed a bit since that time... But the general flow should be the same

1. First follow the instructions “General Setup Instructions for AD9081 and ZCU102”
2. Then for Python:
   1. Install Python (I use Anaconda and Spyder)
   2. Install PyADI-IIO
      1. <https://analogdevicesinc.github.io/pyadi-iio/guides/quick.html>
   3. At a Python prompt, type:
      1. import adi
         1. If this gives you an error, you either didn’t install pyadi-iio, or more likely, python can't find the path to the adi library.
      2. sdr = adi.ad9081()
      3. If those two commands don't give any errors, then proceed on to running an example!
3. Example:
   1. Open this example: <https://github.com/analogdevicesinc/pyadi-iio/blob/master/examples/ad9081_example.py>
   2. Change the uri to the IP address of your FPGA board
   3. Run the example!
      1. <https://github.com/analogdevicesinc/pyadi-iio/blob/master/examples/ad9081_dma_example.py>