Debouncing

<https://www.youtube.com/watch?v=LO8ONR1TceI>

**Data Transfer between PC and ZedBoard through UART Interface**

<https://www.youtube.com/watch?v=lzQ9hJ-wevg&list=PLXHMvqUANAFOviU0J8HSp0E91lLJInzX1>

# #15 Part 1: UART-TxD Serial Communication using an FPGA Board | Verilog ➟ Step-by-Ste

<https://www.youtube.com/watch?v=Fms2Qwkbu1g>

# #22 Part 2: UART-RxD Serial Communication using an FPGA Board ➟ Step-by-Step Instructions

<https://www.youtube.com/watch?v=XpfEHPg5AxU&list=PLqFzqzGMquZxGdkwBd9C2RSLIIlS5IxcK>

serialread\_fromfpga.py

import serial

serial\_data = serial.Serial("COM5",9600) #change COM6 (Check in which COM port your FPGA is connected) and baud rate

dat = serial\_data.read(1) #It will read 1 byte of data from FPGA

print(dat.hex()) #It will print received data in HEX

serial\_data.close()