

EE2905 Lab 7: SPI operation

Objectives

- Use SPI
- AD2

Prelab

- Get an AD2 from the tech center
- Get 4 – male-to-female wires from the tech center
- Review the [SPI](#) class slides

student
check off

Assignment

Part 1: Recreate the SPI program from W7-C1 Spi Programming, Simple Example 2.

Capture the Teraterm display.

Comment out the delays and printf and then “sniff” the spi transaction with the AD2.

Trigger = simple, base = 10us/div, single capture

Check Off

- Demo and document your SPI communication on the Teraterm and AD2

100%

Checkoff due beginning of Lab Practical (in-person or via Teams chat)

Informal Lab Report: schematic (), printout, AD2 capture - due Beginning of Lab Practical.