

EE 214 Project

Task 2B REPORT SPI to DAC and Multimeter

Team Members :

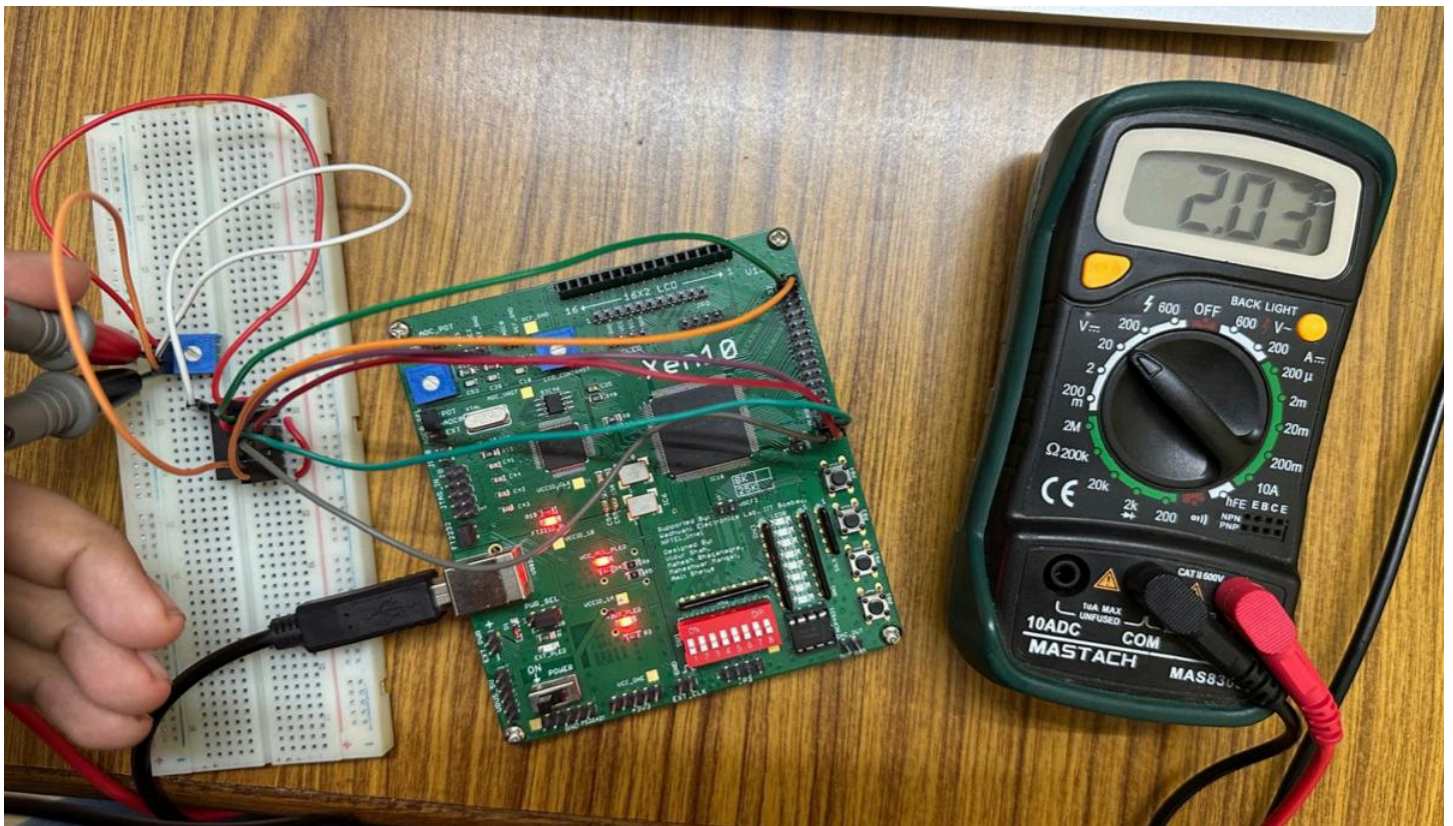
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Introduction

In this task, a digital value stored in `reg_a` is retrieved and sent to a Digital-to-Analog Converter (DAC) through the **SPI** (Serial Peripheral Interface) protocol. The DAC uses a **reference voltage (V_{ref}) of 3.3V** to convert the digital signal back into an analog output. This analog signal is then measured with a **multimeter** to confirm that it corresponds accurately to the original analog DC input voltage, verifying the integrity of the digital-to-analog conversion process.

Hardware Setup and Multimeter readings

Input Voltage



Output Voltage

