# EDES 301

# Etch-a-Sketch PCB Project

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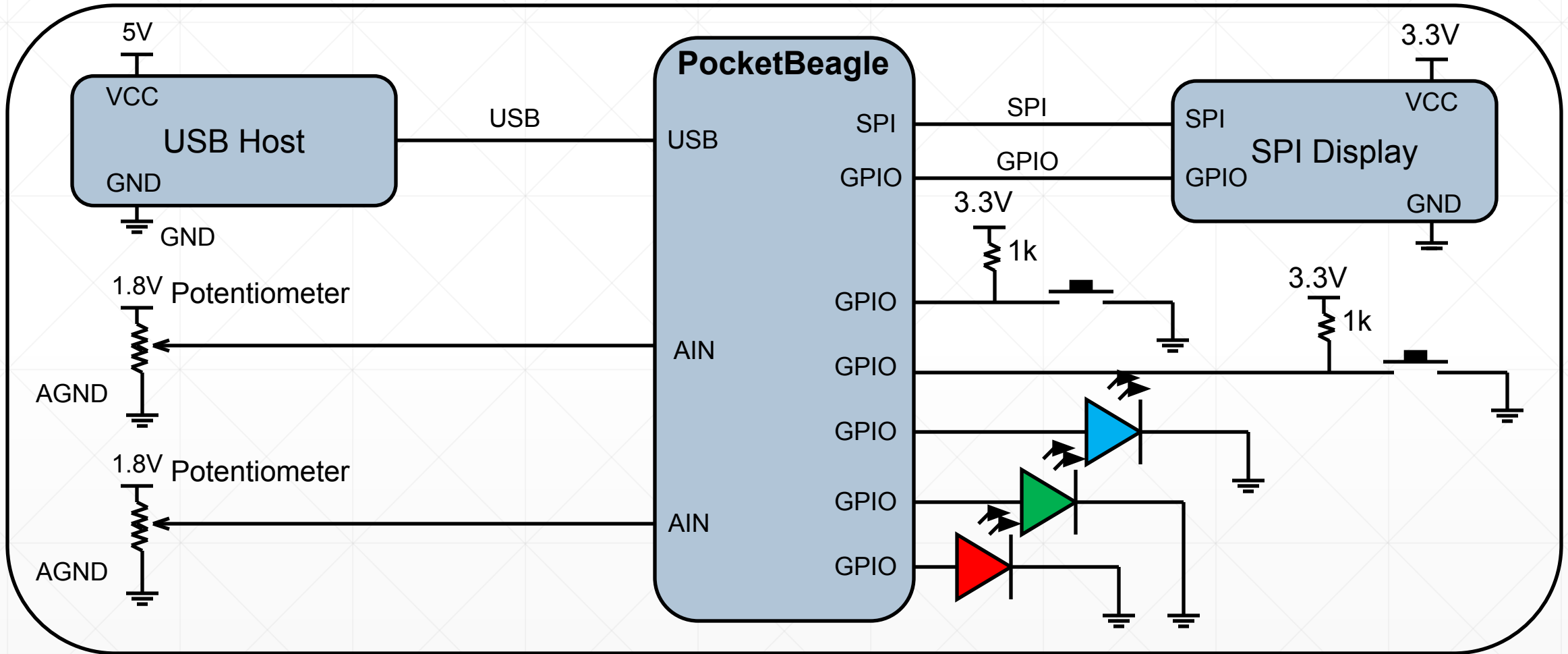Due 12/16/2025 @ 11:59pm

# Background Information

- Create a PCB for an "Etch-a-Sketch"

- Hardware:
  - SPI Display Screen
  - Two Potentiometers
  - Two Buttons (Reset the Game, Change Color)
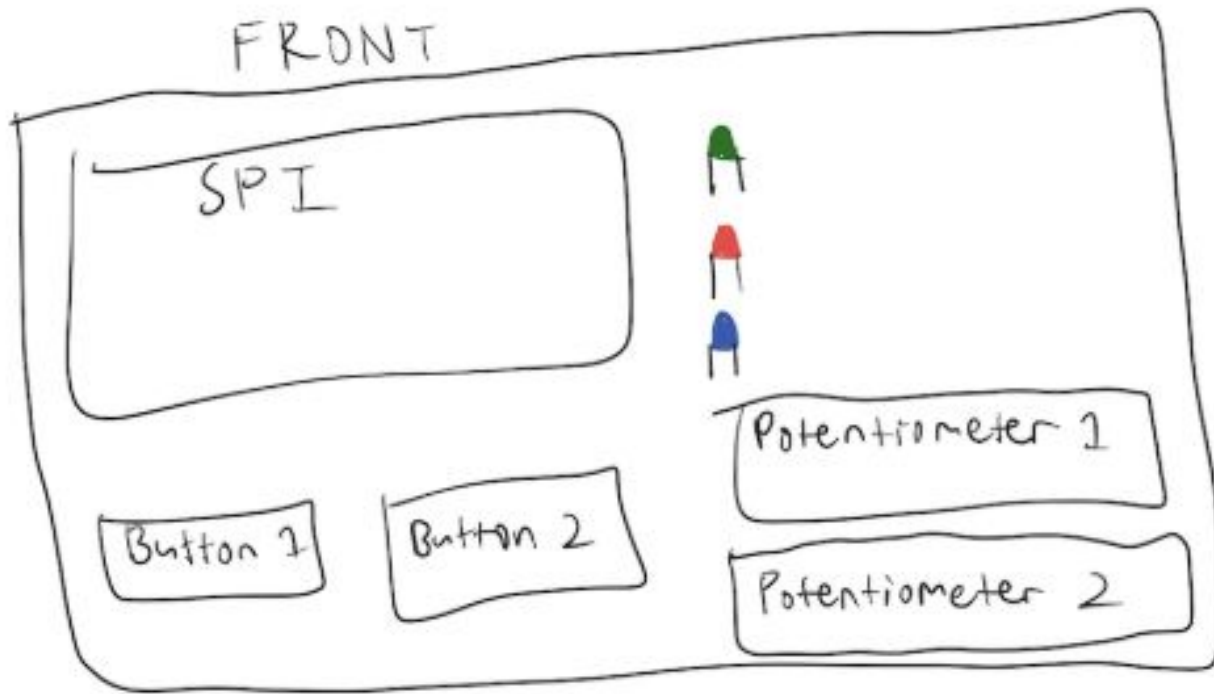  - Three LEDs (Red, Green, and Blue for Color)
  - USB Port (Expansion)

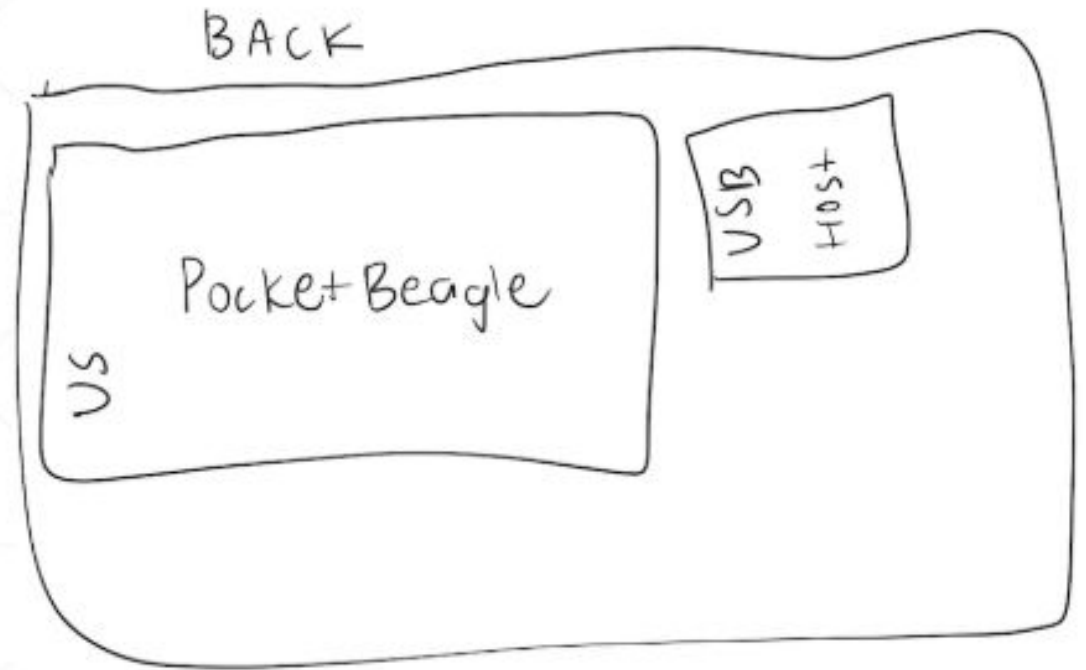**Replace this slide with your own if you are doing a PCB around your Project #1**

# System Block Diagram – "Etch-a-Sketch"

# Mechanical Drawing



FRONT                                    BACK