

EDES 301

PCB Project

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Due 12/16/2025 @ 11:59pm

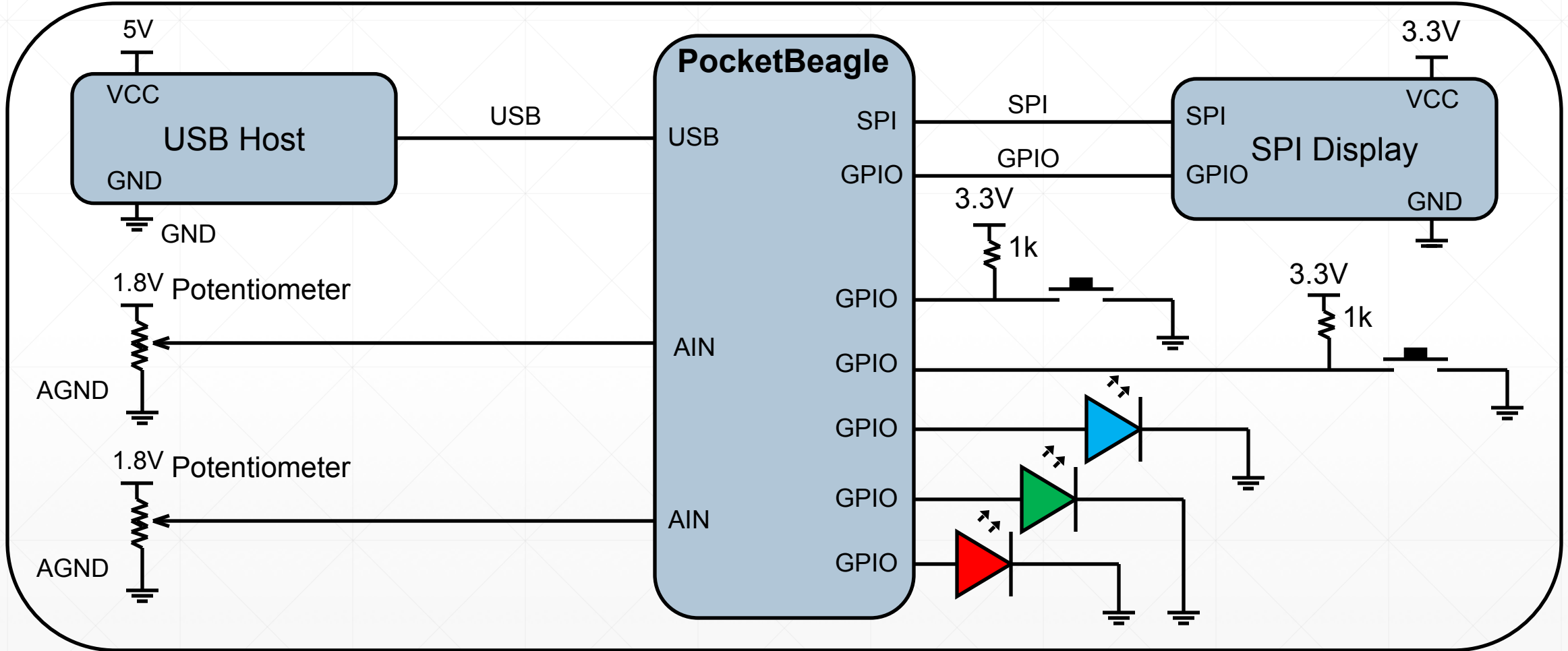
Background Information

- 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)

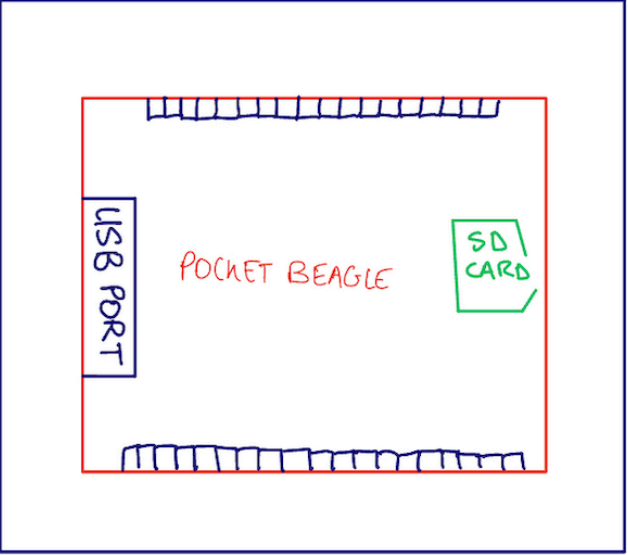


Replace this slide with your own if you are doing a PCB around your Project #1

System Block Diagram – “Etch-a-Sketch”

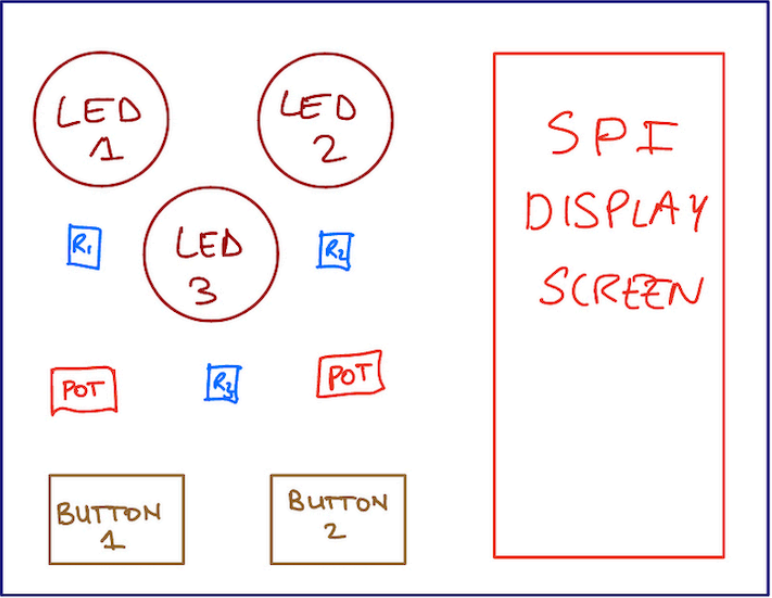


Mechanical Drawing



BACK

BACK



FRONT

FRONT