

EDES 301

PCB Project

Emma Berdou

Due 05/06/2025 @ 11:59pm

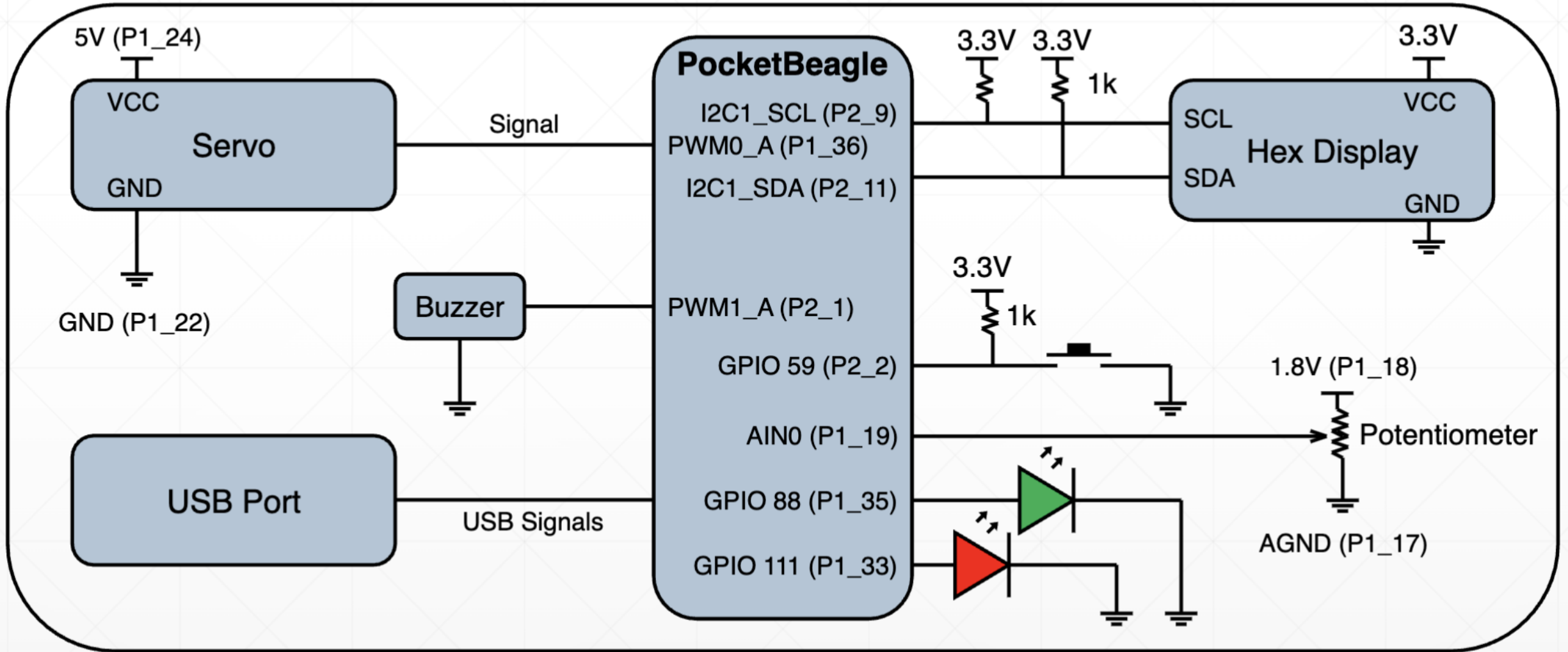
Background Information

- 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)

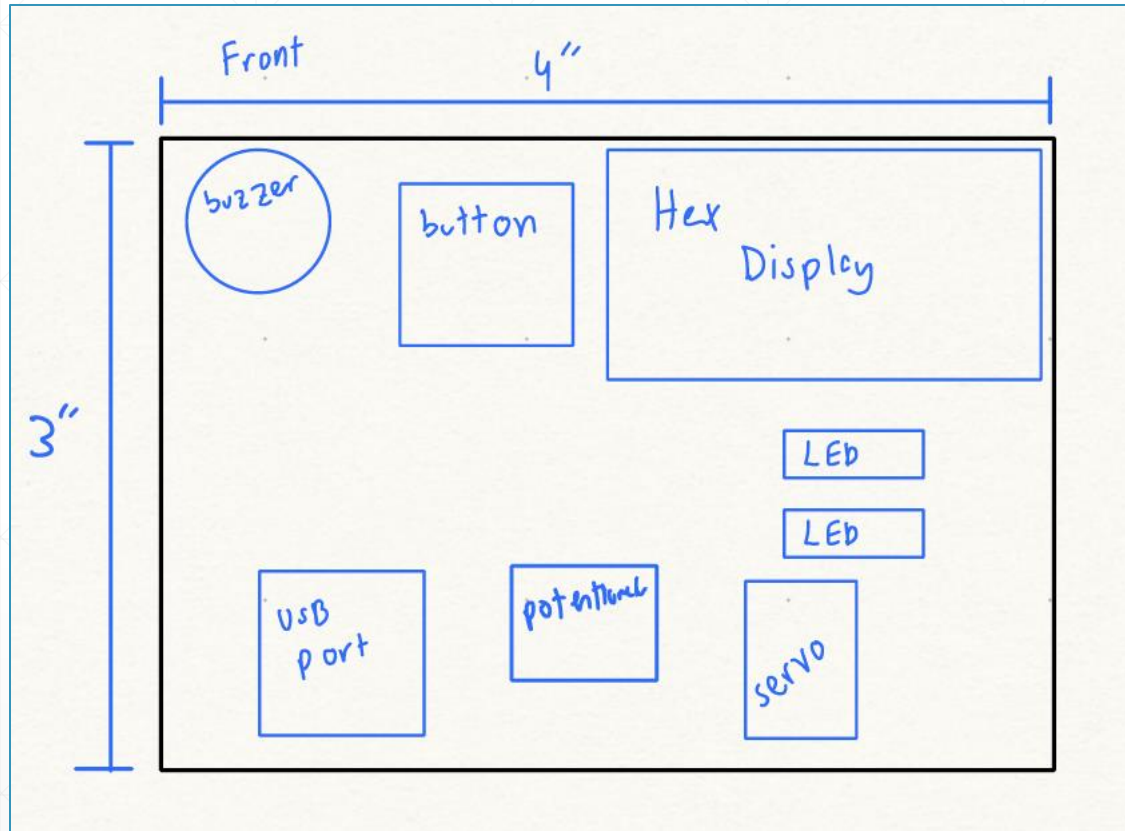


Replace this slide with your own if you are doing a PCB around your Project #1

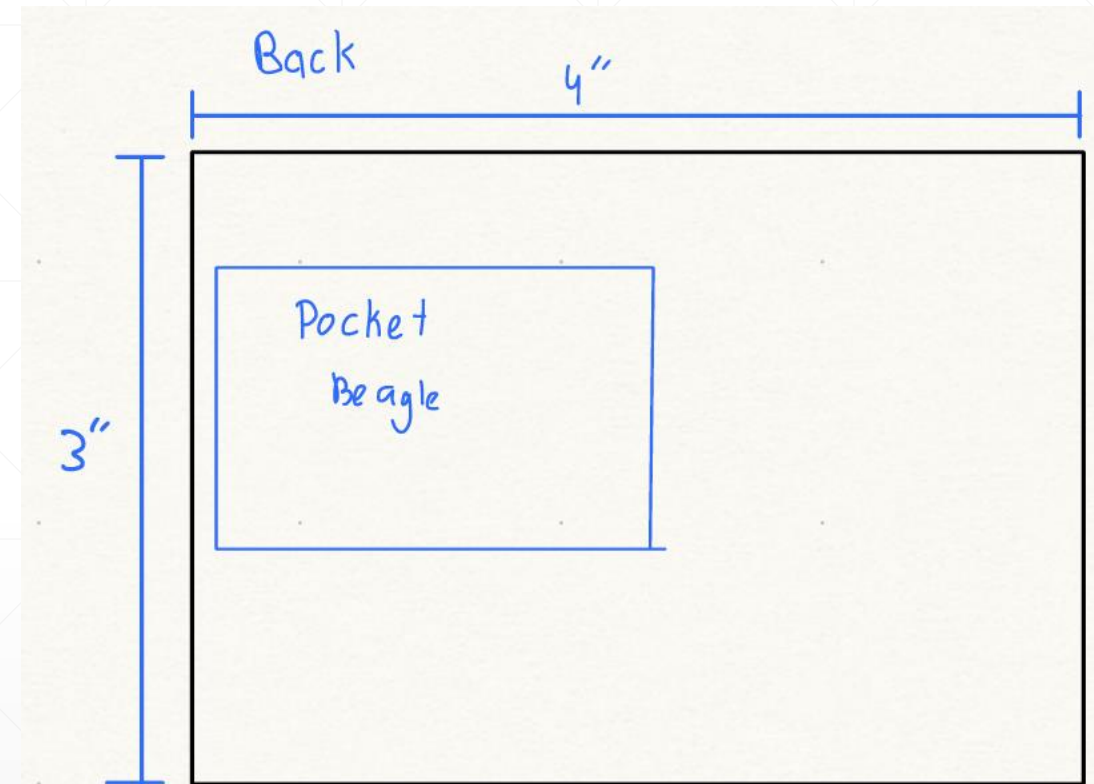
Design Change! – Add USB Port – Updated Block Diagram



Mechanical Drawing



FRONT



BACK