

# **EDES 301**

# **PCB Project**

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Due 12/16/2025 @ 11:59pm

# Background Information

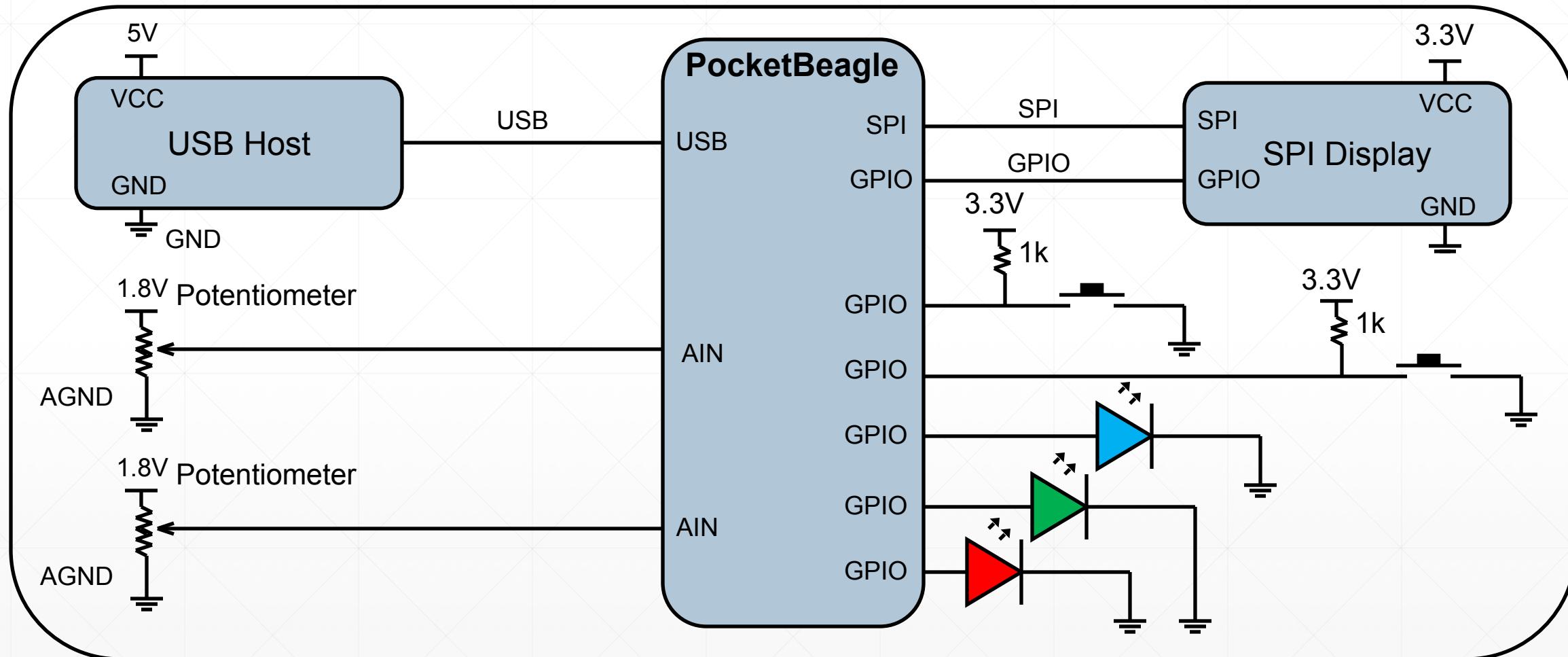
- Create a PCB for an “Etch-a-Sketch”
- Hardware:
  - SPI Display Screen
  - Two Potentiometers
  - Two Buttons (Reset the Game, Change Color)
  - Three LEDs (Red, Green, and Blue for Color)
  - USB Port (Expansion)



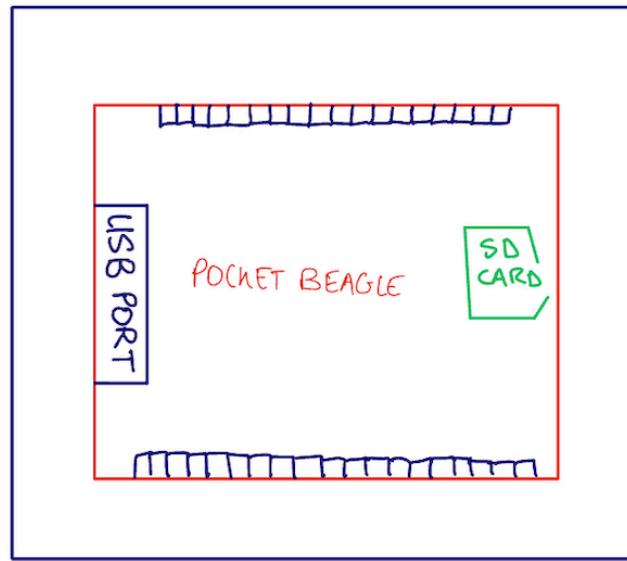
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Replace this slide with your own if you are doing a PCB around your Project #1

# System Block Diagram – “Etch-a-Sketch”

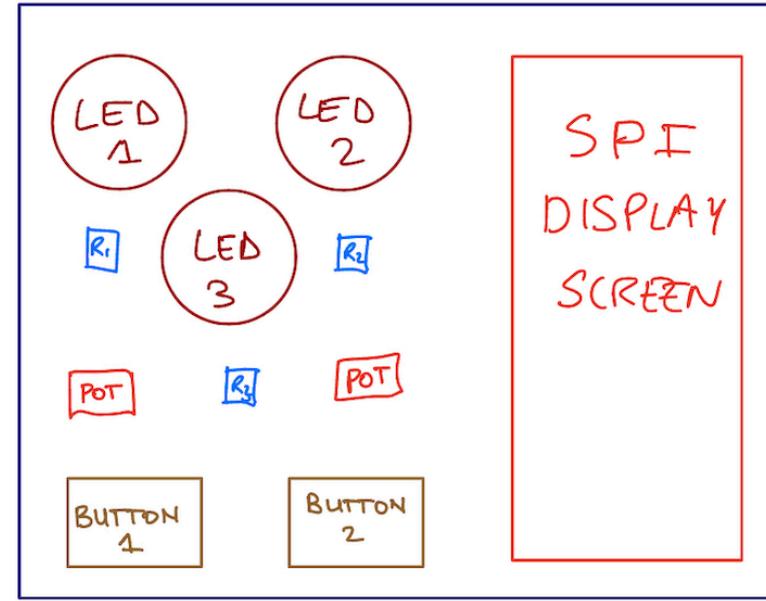


# Mechanical Drawing



BACK

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