MIDI finger drumpads w/ Arduino Pro Micro

- Circuit with 2 velostat pads running in parallel, able to take 2 readings on Arduino
 - Draw schematic
 - Test schematic
 - (photo of schematic)
 - Test cases:
 - Push V1, read on A0
 - Push V2 read on A1
 - Push V1 and V2 read on A0 and A1
- Form factor for velostat (size seems to have implications on resistance)
- Software to register hits
- Software to transform hit velocity into MIDI drum sound
- Use DAW to read MIDI sound into actual audio
- 1. Get single pad working on Uno
- 2. Get double pads working on Uno
 - a. It's working when we can do velocity reading on both pads
- 3. Transfer schematic to Pro Micros
- 4. Generate MIDI signal with velocity sensitivity
- 5. Fine tuning
 - a. Form factor
 - i. Wood instead of paper?
 - ii. Veneer on top of velostat?
 - b. Velostat size
 - c. Resistor values
 - d. Software calibration
 - i. 1600 MAX_RESISTANCE_OHMS seems good for finger touch, 3000 for "Micah's USB stick" touch
 - 1. Vin = 5V
 - 2. $R1 = 1K\Omega$
 - 3. Velo1: 23/8" x 21/8"
 - 4. Velo2: 2%" x 2"