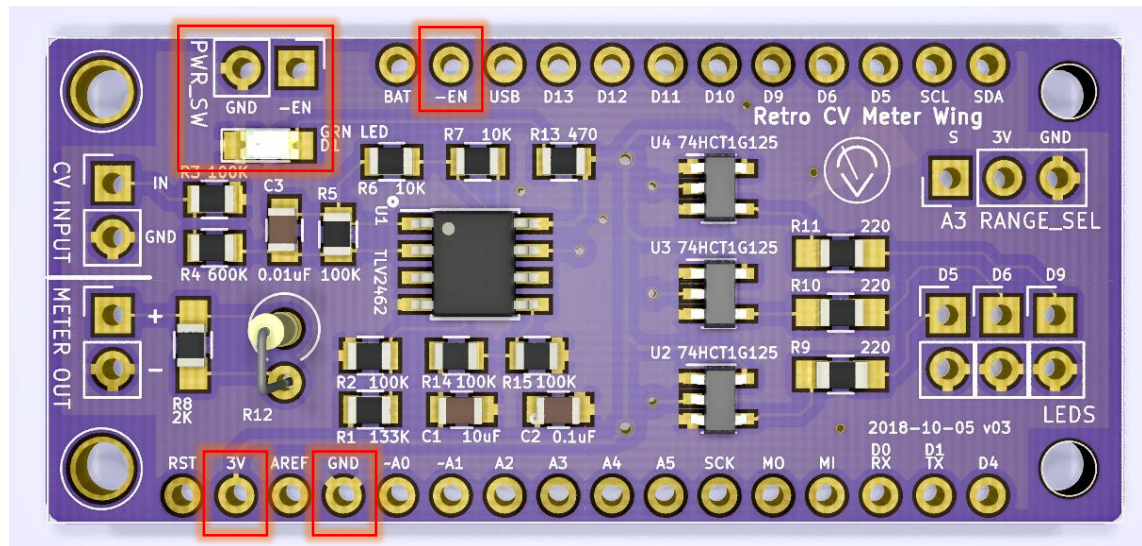-EN       connect to GND to disable power
          also disables Feather MCU power
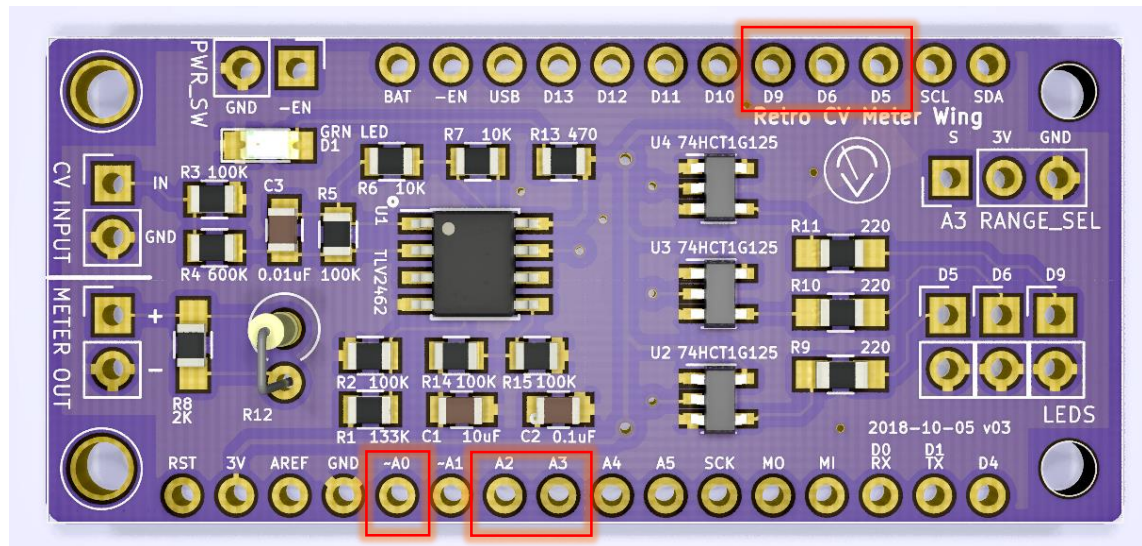
LED       glows when power is enabled



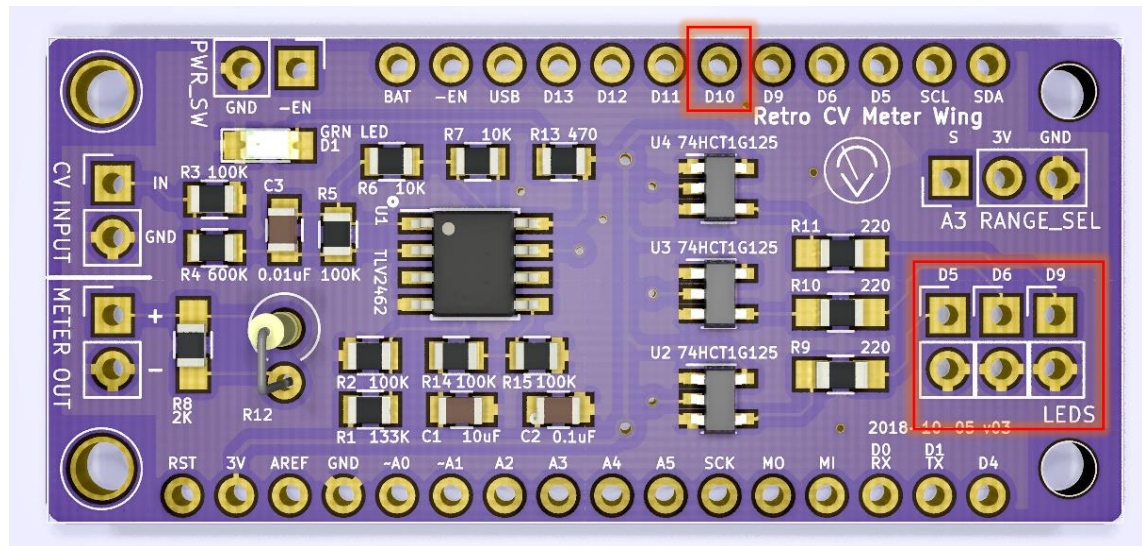3V        3.3 volt power from Feather MCU

GND       ground connection to/from Feather MCU

| D5 | Digital output to LED buffer |
| --- | --- |
| D6 | Digital output to LED buffer |
| D9 | Digital output to LED buffer |



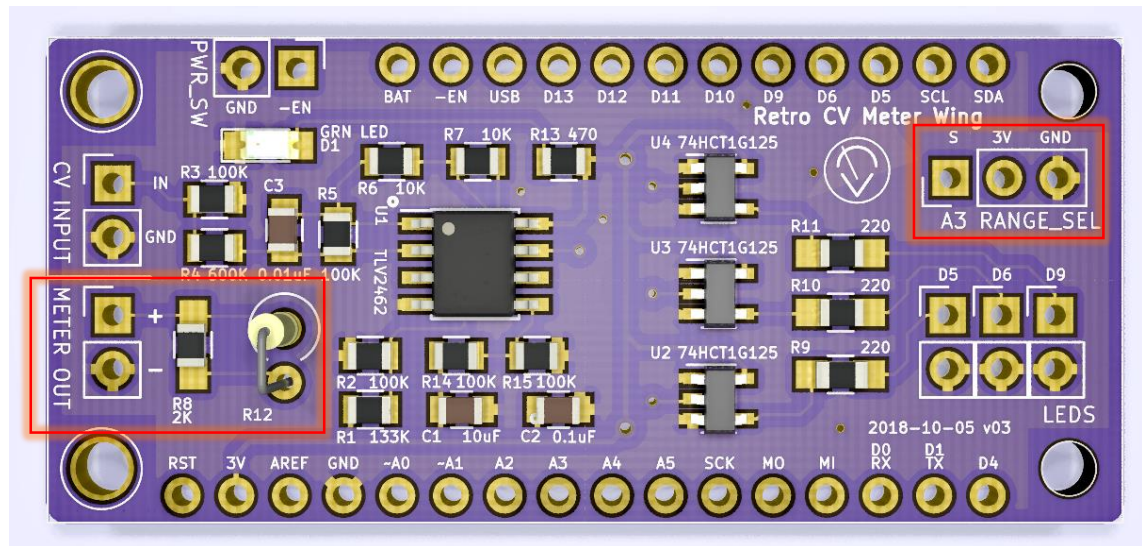| A0 | DAC output to meter via R8 or R12 |
| --- | --- |
| A2 | Analog input from input signal processing stage |
| A3 | Analog input from range selection potentiometer |

D10      digital output to piezo speaker



LEDs:
High-current buffered outputs for LEDs; 25mA max
(connect anode to upper pin, cathode to lower pin)
Recommended that LED current and brightness be
controlled by PWM instead of adjusting R9-R11 values.

RANGE_SEL:
Range selection potentiometer connection
(potentiometer wiper attached to **S** pin)



METER OUT:
Analog output to meter (note polarity)

R8 and R12:
Series resistance matched to meter full-scale current at +3.3volts

CV INPUT:
-10 volt to +10 volt control voltage input to signal processing stage