Servo Motor Test Notes

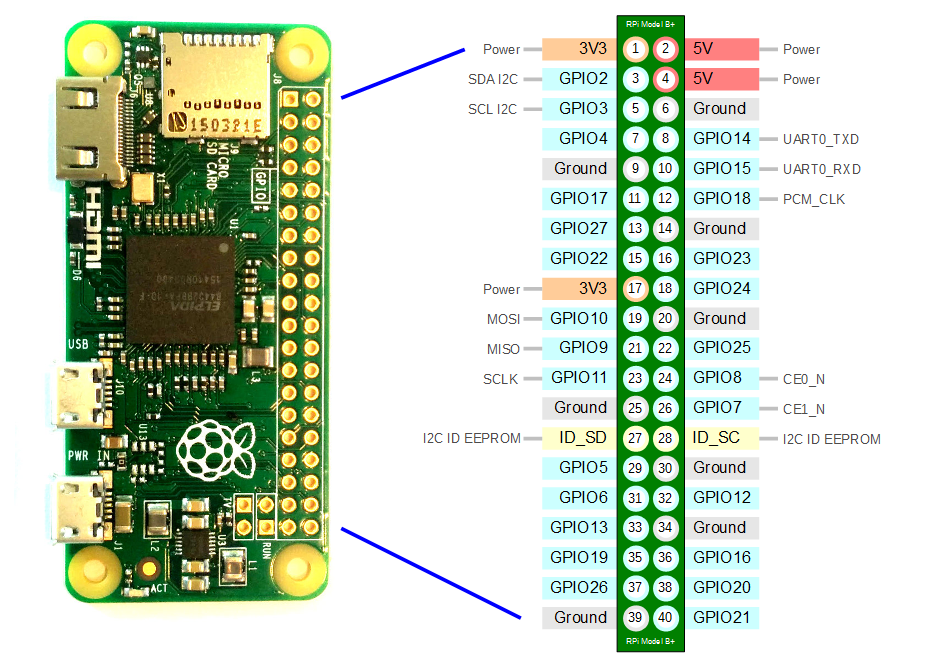
Control Method:

Library: Rpi.GPIO

This allows access to pin control and pwm setup in python.

To initialize the pins, use:

GPIO.setup(pinNum, GPIO.OUT)



Replace pinNum with the number of the pin you would like to configure. They are listed as 1-40 in the diagram above.

To configure a Pulse Width Modulation (PWM) output, use:

pwmFormat = GPIO.PWM(pinNum, frequency)

This will setup a pin to be a PWM output. Replace pinNum with the pin number as described previously. Replace frequency with the value you wish to use in Hertz (Hz). The value is not scaled so GPIO.PWM(15, 100) sets pin 15 to output a 100Hz PWM. Change pwmFormat to whatever variable name will help organize the code.