USB Power
From Tiny6410 Board

USB

5VDC

SparkFun Breadboard
USB Power supply

GND

R5
26.84 kΩ

R4
50.6 kΩ

AIN3

USB

AIN3

GPIO 1

GPIO 2

ARM11

GPIO 3

R1
150 Ω

R2
150 Ω

R3
150 Ω

Rev

Complete

Green - Forward

D1
QED123

D2
QED123

Red - Reverse

Yellow - Position Reached

D3
QED123