Qwiic Micro - SAMD21E (DEV-15423)

Pin name	Port
Power	Analog
Ground	Serial
Control	PWM
Arduino	Misc

Arduino Tips
analogWriteResolution (10) - to update PWM (0-1023)
analogReadResolution(12) - to update ADC (0-4095)

DAC	A0	PA02	D1	D1
MOSI	A1	PA06	D2	D2
MISO	A2	PA05	D3	D3
SCK	A3	PA07	D4	D4
CS	A4	PA10	D5	D5
AREFB	A5	PA04	D6	D6
			D7	D7

RESET	CONTROL		
D16	D16	PA23	TX
D17	D17	PA22	RX
SCL	D8	PA09	SCL
SDA	D0	PA08	SDA
3.3V	3.3V		
GND	GND		
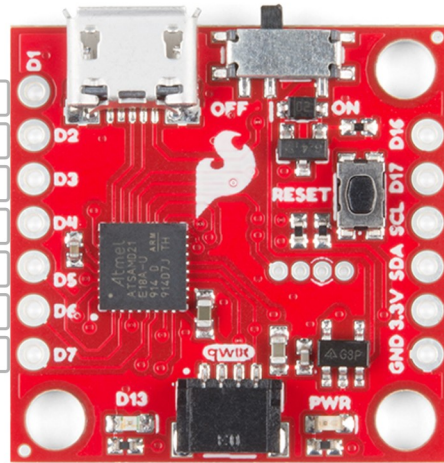
D13
D13
LED

SWDIO	D23	PA30
SWCLK	D22	PA31
GND	GND	
RESET	CONTROL	

Power

VBatt: 3V-6V
VUSB: 5V
VCC: 3.3V @600mA
Power Switch
JST connector on backside

SAMD21E

ARM Cortex-M0+ @48MHz
VCC: 1.62V-3.63V
256KB Flash/32KB SRAM
(plus 4Mb SPI Flash chip)
4 Sercom ports
12-bit ADC
10-bit DAC

LEDs/Misc Pins

Power LED: Red
Stat LED: Blue
Qwiic Connector (I2C)
  (SDA:D0, SCL:D8)
W25Q32FV 4Mb flash
  (MOSI:D2, SCK:D4,
  MISO:D3, SS:D5)