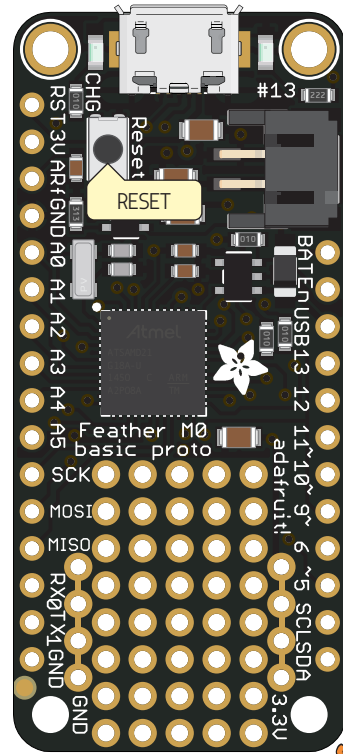
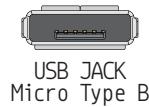


feather

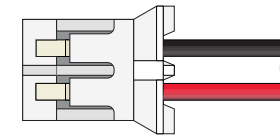
M0 Basic

PINOUT



Can't go higher than 3.3V

	RESET	4.0					
	3V3						
	AIN1	VREFA	EINT ³	PA02	4		
				GND			
14	A0	AIN0	DAC	EINT ²	PA02	3	
15	A1	AIN2	S ^{4:0}	EINT ⁸	PB08	7	
16	A2	AIN3	S ^{4:1}	EINT ⁹	PB09	8	
17	A3	AIN4	S ^{0:0}	VREFB	EINT ⁴	PA04	9
18	A4	AIN5	S ^{0:1}	EINT ⁵	PA05	10	
19	A5	AIN10	S ^{5:0}	EINT ²	PB02	4.7	
24		SCK	S ^{4:3}	I2SCL	EINT ¹¹	PB11	20
23		MOSI	S ^{4:2}	I2SMC	EINT ¹⁰	PB10	19
22		MISO	S ^{2:0}	I2C	PA12	21	
0		RX	S ^{0:2:3}	I2SF0	EINT ¹¹	PA11	16
1		TX	S ^{0:2:2}	I2SCK	EINT ¹⁰	PA10	15
				GND			



Optional Lipoly Battery

VBAT
 En Connect to ground to disable the 3.3V regulator
 VBUS

- Power
- GND
- Physical PIN
- Port PIN
- Analog PIN
- Serial PIN
- PIN Function
- Interrupt PIN
- Control PIN

PWM Pin

Port power group

The total current of each port power group **should not exceed** 65mA

Absolute MAX per pin 10mA, 7mA recommended

Absolute MAX 130mA for the entire package

VBUS Connected to 5V USB Port **Absolute** MAX 500mA

VBAT It's the positive voltage from to JST Batt jack

3V3 3V3 output from regulator **Absolute** MAX 400mA



<https://www.adafruit.com/product/2772>

