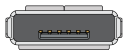
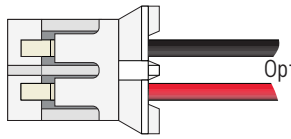
feather
M0 Adalogger
PINOUT


USB JACK
Micro Type B

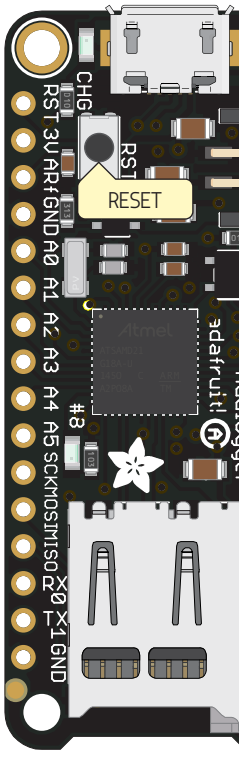
SD Control

13	PA08	EINT9	I2C	S0:2	I2SD1	AIN16	4	CS
30	PA21	EINT5	I2C	S3:3	I2SFS0		7	CD
11	PA06	EINT6		S0:2		AIN6	8	

Used by the SD Card module too!


Optional Lipoly Battery

Can't go higher than 3.3V



					RESET	40		
					3V3			
	AIN1		VREFA	EINT3	PA02	4		
					GND			
14 A0	AIN0	DAC		EINT2	PA02	3		
15 A1	AIN2	S4:0		EINT8	PB08	7		
16 A2	AIN3	S4:1		EINT9	PB09	8		
17 A3	AIN4	S0:0	VREFB	EINT4	PA04	9		
18 A4	AIN5	S0:1		EINT5	PA05	10		
19 A5	AIN10	S5:0		EINT2	PB02	47		
24	SCK	S4:3	I2SCL	EINT11	PB11	20		
23	MOSI	S4:2	I2SMC	EINT10	PB10	19		
22	MISO	S24:0	I2C		PA12	21		
0	RX	S02:3	I2SF0	EINT11	PA11	16		
1	TX	S02:2	I2SCK	EINT10	PA10	15		
					GND			

					VBAT			
					En			
					VBUS			
26	PA17	EINT1	I2C	S13:1				13
28	PA19	EINT3	I2SD0	S13:3				12
25	PA16	EINT0	I2C	S13:0				11
27	PA18	EINT2		S13:2				10
12	PA07	EINT7	I2SD0	S0:3	AIN7			9 A7
29	PA20	EINT4	I2SSC	S35:2				6
24	PA15	EINT15		S24:3				5
32	PA23	EINT7	I2C	S35:1	SCL			21
31	PA22	EINT6	I2C	S35:0	SDA			20

Connect to ground to disable the 3.3V regulator

- 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

adafruit INDUSTRIES

https://www.adafruit.com/product/2796

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