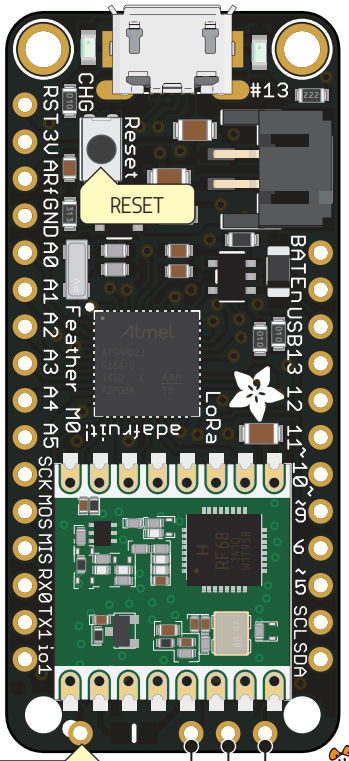
feather M0 LoRa PINOUT

LoRa Module control

13	PA08	EINT9	I2C	S02:0	I2SD1	AIN16	4	RST
14	PA09	EINT9	I2C	S02:1	I2SMC		3	IRQ
11	PA06	EINT6		S0:2		AIN6	8	CS

Used by the RFM radio module too!

USB JACK
Micro Type B



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		
					IO1			

						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

EXT Ant

IO5 IO3 IO2

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

IO1,IO2,IO3 and IO5 are RFM Module GPIO

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/3179

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