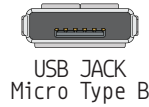


feather

M0 WiFi

PINOUT



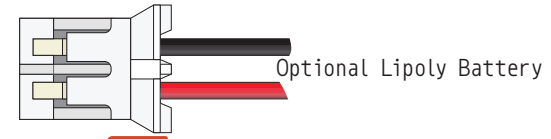
WiFi Module control

23	PA14	EINT ¹⁴	S ^{3:2}	2	ENA			
13	PA08	EINT ⁹	I2C	S ^{0:0}	I2SD1	AIN16	4	RST
30	PA21	EINT ⁵	I2C	S ^{3:3}	I2SFS0	7	IRQ	
11	PA06	EINT ⁶	S ^{0:2}	AIN6	8	CS		

Used by the WiFi radio module too!

Can't go higher than 3.3V

AIN1	VREFA	EINT ³	PA02	4		
RESET	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 ^{0:3}	I2SFS0	EINT ¹¹	PA11	16
1	TX	S ^{0:2}	I2SCK	EINT ¹⁰	PA10	15
				WAKE		



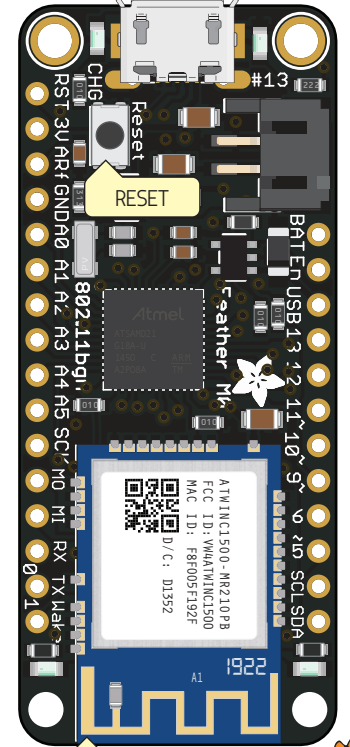
VBAT	En	Connect to ground to disable the 3.3V regulator	VBUS				
26	PA17	EINT ¹	I2C	S ^{1:1}	13		
28	PA19	EINT ³	I2SD0	S ^{1:3}	12		
25	PA16	EINT ⁰	I2C	S ^{1:0}	11		
27	PA18	EINT ²	S ^{1:2}	10			
12	PA07	EINT ⁷	I2SD0	S ^{0:3}	AIN7	9	A7
29	PA20	EINT ⁴	I2SSC	S ^{3:2}	6		
24	PA15	EINT ¹⁵	S ^{2:3}	5			
32	PA23	EINT ⁷	I2C	S ^{3:1}	SCL	21	
31	PA22	EINT ⁶	I2C	S ^{3:0}	SDA	20	

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

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/3010>

