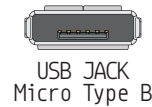


feather

M0 RFMx

PINOUT







USB JACK
Micro Type B

RFM Module control

13	PA08	EINT ⁹	I2C	S ^{02:0}	I2SD1	AIN16	4	RST
14	PA09	EINT ⁹	I2C	S ^{02:1}	I2SMC		3	IRQ
11	PA06	EINT ⁶		S ^{0:2}		AIN6	8	CS

Used by the RFM radio module too!

Can't go higher than 3.3V

					RESET	40	
					3V3		
than 3.3V		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	47
	24	SCK	S ^{4:3}	I2SCL	EINT ¹¹	PB11	20
	23	MOSI	S ^{4:2}	I2SMC	EINT ¹⁰	PB10	19
	22	MISO	S ^{24:0}	I2C		PA12	21
	0	RX	S ^{02:3}	I2SF0	EINT ¹¹	PA11	16
	1	TX	S ^{02:2}	I2SCK	EINT ¹⁰	PA10	15
					IO1		

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

PWM Pin

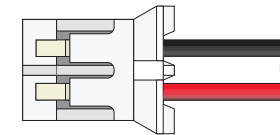
Port power group

The total current of each port should not exceed 65mA

Absolute MAX per pin 10mA, 7mA recommended

Absolute MAX 130mA for the entire package

I01,I02,I03 and I05 are RFM Module GPIO



Optional Lipoly Battery

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

26	PA17	EINT ¹	I2C	S ^{13:1}	13
28	PA19	EINT ³	I2SD0	S ^{13:3}	12
25	PA16	EINT ⁰	I2C	S ^{13:0}	11
27	PA18	EINT ²		S ^{13:2}	10
12	PA07	EINT ⁷	I2SD0	S ^{0:3}	9
29	PA20	EINT ⁴	I2SSC	S ^{35:2}	6
24	PA15	EINT ¹⁵		S ^{24:3}	5
32	PA23	EINT ⁷	I2C	S ^{35:1}	21
31	PA22	EINT ⁶	I2C	S ^{35:0}	20

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