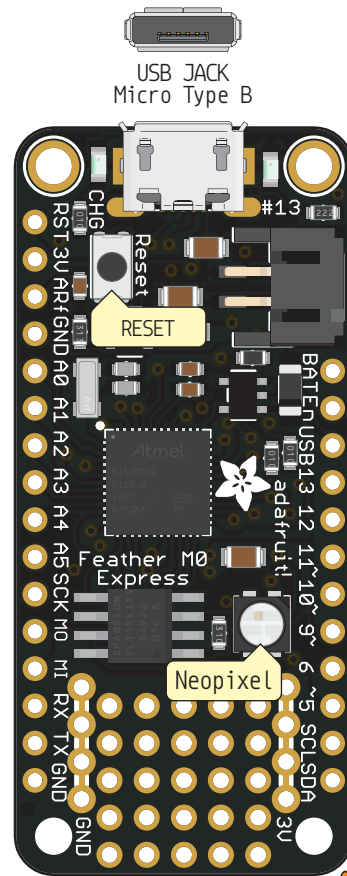


feather

M0 Express

PINOUT



Flash Access

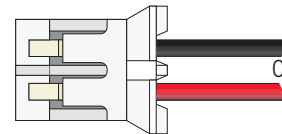
14	PA09	EINT ⁹	I2C	S ^{02:1}	I2SMC	3	SCK
23	PA14	EINT ¹⁴		S ^{3:2}		2	MISO
13	PA08	EINT ⁹	I2C	S ^{02:0}	I2SD1	4	MOSI
22	PA13	EINT ¹³	I2C	S ^{2:1}		38	CS

Neopixel

11	PA06	EINT ⁶		S ^{0:2}		AIN6	8	NEOPIX
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Can't go higher than 3.3V

AIN1	VREFA	EINT ³	PA02	4	RESET	40
AIN0	DAC	EINT ²	PA02	3	3V3	
AIN2	S ^{4:0}	EINT ⁸	PB08	7	GND	
AIN3	S ^{4:1}	EINT ⁹	PB09	8		
AIN4	S ^{0:0}	VREFB	EINT ⁴	PA04	9	
AIN5	S ^{0:1}	EINT ⁵	PA05	10		
AIN10	S ^{5:0}	EINT ²	PB02	47		
SCK	S ^{4:3}	I2SCL	EINT ¹¹	PB11	20	
MOSI	S ^{4:2}	I2SMC	EINT ¹⁰	PB10	19	
MISO	S ^{2:0}	I2C		PA12	21	
RX	S ^{02:3}	I2SF0	EINT ¹¹	PA11	16	
TX	S ^{02:2}	I2SCK	EINT ¹⁰	PA10	15	
				GND		



Optional Lipoly Battery

VBAT	En	VBUS	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 / A7
			29	PA20	EINT ⁴	I2SSC	S ^{35:2}	6
			24	PA15	EINT ¹⁵		S ^{2:3}	5
			32	PA23	EINT ⁷	I2C	S ^{35:1}	21
			31	PA22	EINT ⁶	I2C	S ^{35:0}	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
- 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/3403>

