feather
nRF52
PINOUT

i Any GPIO pin can be configured as a PWM output

i Any GPIO pin support interrupts

Extra Functions

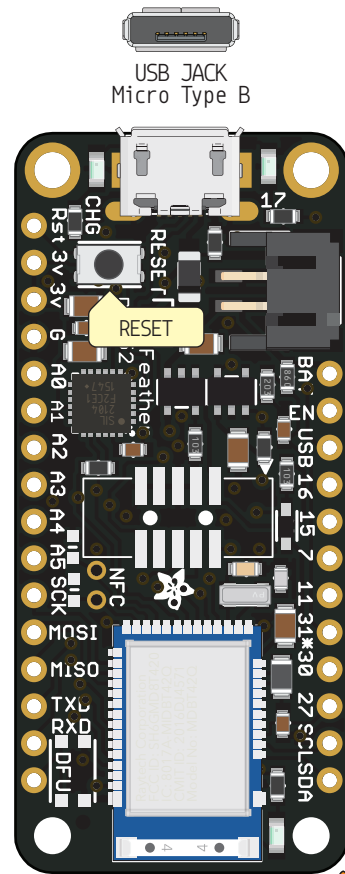|					
23	0.10			10	NFC2
22	0.09			9	NFC1
33	0.19	💡		19	LED2
31	0.17	💡		17	LED1

Legend
- 🟥 Power
- ⬛ GND
- ⬛ Physical PIN
- 🟫 Port PIN
- 🟩 Analog PIN
- 🟪 Serial PIN
- 🟦 PIN Function
- 🟨 Interrupt PIN
- 🟧 Control PIN
- 🟪🟩 IDE

∿ PWM Pin

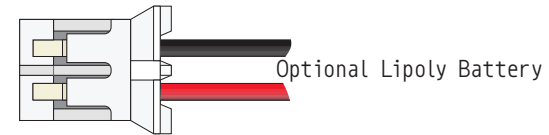⚠️ For 0.28 and 0.29 pin reccomended Low drive, low frequency I/O only

USB JACK
Micro Type B

RESET

RESET	35
3V3	
3V3	
GND	

2	A0	AIN0	0.02	15
3	A1	AIN1	0.03	16
4	A2	AIN2	0.04	17
5	A3	AIN3	0.05	18
28	A4	AIN4	0.28	5
29	A5	AIN5	0.29	6
12		SCK	0.12	26
13		MOSI	0.13	27
14		MISO TD[3]	0.14	28
8		RX	0.08	21
6		TX	0.06	19
20		DFU	0.20	34

VBAT

En

VBUS

30	0.16	TD[1]	16
29	0.15	TD[2]	15
20	0.07		7
25	0.11		11
31	0.31	AIN7	31 A7
7	0.30	AIN6	30 A6
4	0.27		27
3	0.26	SCL	26
2	0.25	SDA	25

Optional Lipoly Battery

i Connect to ground to disable the 3.3V regulator

⚠️ Avoid using this pin directly
Used to measure the LiPo battery level

⚠️ **Absolute** MAX per pin
10mA, 5mA recommended

🚫 **Absolute** MAX 30mA 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

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ver 1 rev 2

adafruit INDUSTRIES

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