# feather nRF52 PINOUT

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

PWM Pin

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

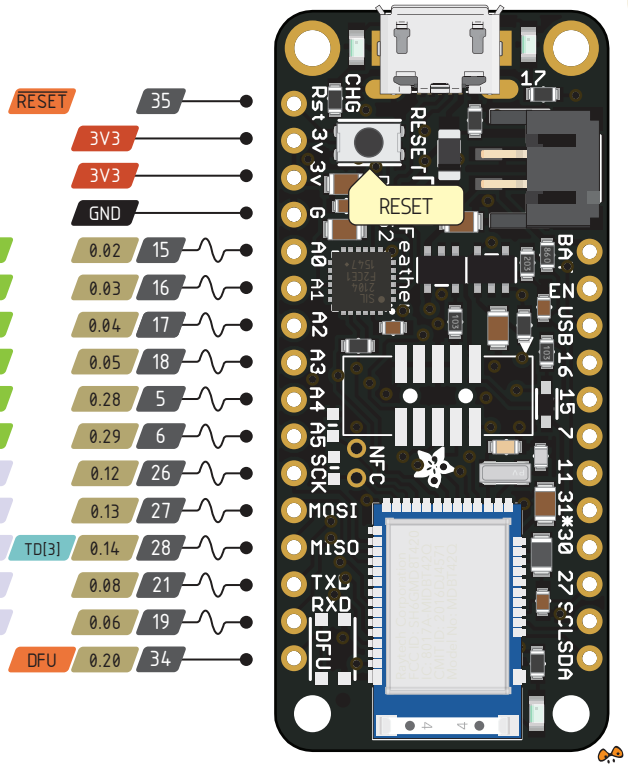
Any GPIO pin can be configured as a PWM output

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 |

USB JACK
Micro Type B




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | RESET | | 35 | | | |
| | | 3V3 | | | | | |
| | | 3V3 | | | | | |
| | | GND | | | | | |
| 2 | A0 | AIN0 | | 0.02 | 15 | VBAT | |
| 3 | A1 | AIN1 | | 0.03 | 16 | En | |
| 4 | A2 | AIN2 | | 0.04 | 17 | VBUS | |
| 5 | A3 | AIN3 | | 0.05 | 18 | 30 | 16 |
| 28 | A4 | AIN4 | | 0.28 | 5 | 29 | 15 |
| 29 | A5 | AIN5 | | 0.29 | 6 | 20 | 7 |
| 12 | | SCK | | 0.12 | 26 | 25 | 11 |
| 13 | | MOSI | | 0.13 | 27 | 31 AIN7 | 31 A7 |
| 14 | | MISO | TD[3] | 0.14 | 28 | 7 AIN6 | 30 A6 |
| 8 | | RX | | 0.08 | 21 | 4 | 27 |
| 6 | | TX | | 0.06 | 19 | 3 SCL | 26 |
| 20 | | DFU | | 0.20 | 34 | 2 SDA | 25 |

Optional Lipoly Battery

Connect to ground to disable the 3.3V regulator

| | | |
|---|---|---|
| 30 | 0.16 | TD[1] |
| 29 | 0.15 | TD[2] |

Avoid use 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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https://www.adafruit.com/product/3406

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