

feather

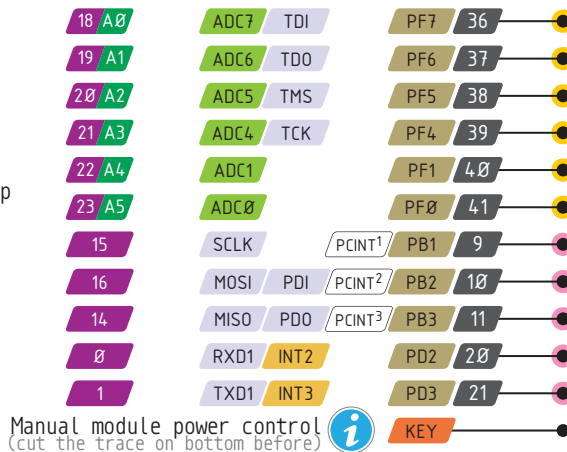
32u4 FONA PINOUT

USB JACK
Micro Type B

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

PWM Pin
Port power group

Can't go higher than 3.3V

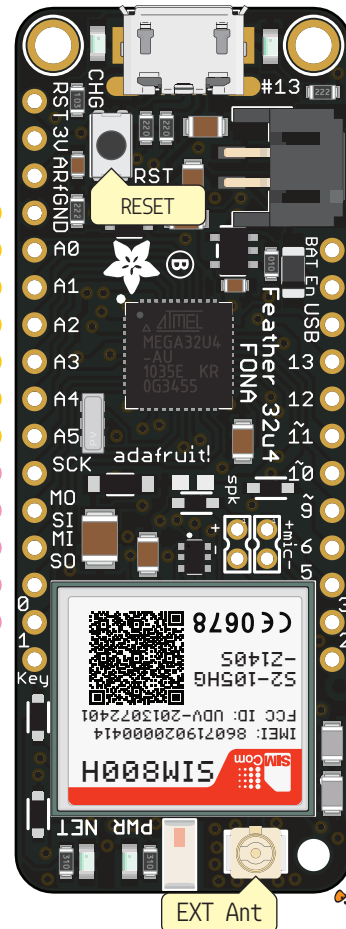


Manual module power control
(cut the trace on bottom before)

The total current of each port power group should not exceed 100mA

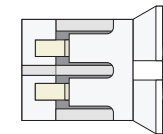
Absolute MAX per pin 20mA, 10mA recommended

Absolute MAX per pin 200mA for the entire package



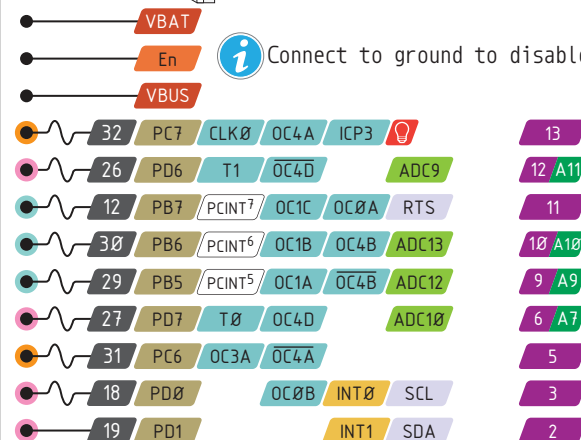
GSM Module control

25 PD4	ICP1	ADC8	4 RST
1 PE6	INT6	AIN0	7 RI
31 PC6	OC3A OC4A		5 DTR
27 PD7	T0 OC4D	ADC10	6 RTS
29 PB5	PCINT5 OC1A OC4B	ADC12	9 RXD
28 PB4	PCINT4	ADC11	8 TXD



Optional Lipoly Battery

Connect to ground to disable the 3.3V regulator



VBAT Connected to 5V USB Port
Absolute MAX 500mA

VBUS It's the positive voltage from to JST Batt jack

3V3 3V3 output from regulator
Absolute MAX 400mA