






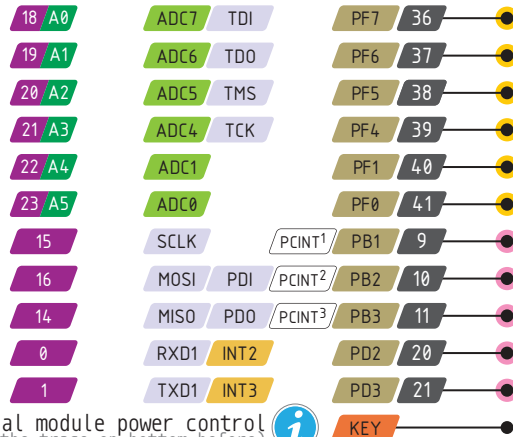
# feather

## 32u4 FONA PINOUT

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

-  PWM Pin
-  Port power group

Can't go higher than 3.3V 

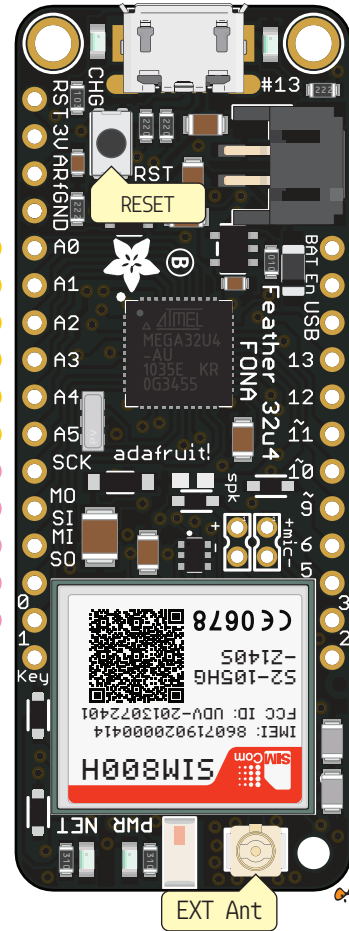
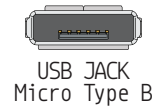


Manual module power control   
(cut the trace on bottom before)

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

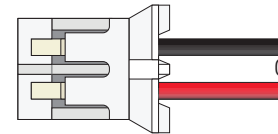
 **Absolute** MAX per pin 20mA, 10mA recommended

 **Absolute** MAX 200mA for the entire package

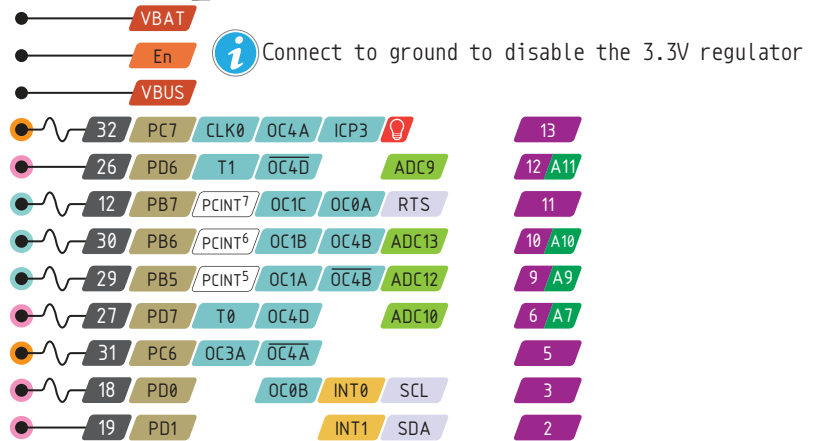


### GSM Module control

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



**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