

feather 32u4 FONA PINOUT



— PWM Pin
— Port power group

Can't go higher than 3.3V

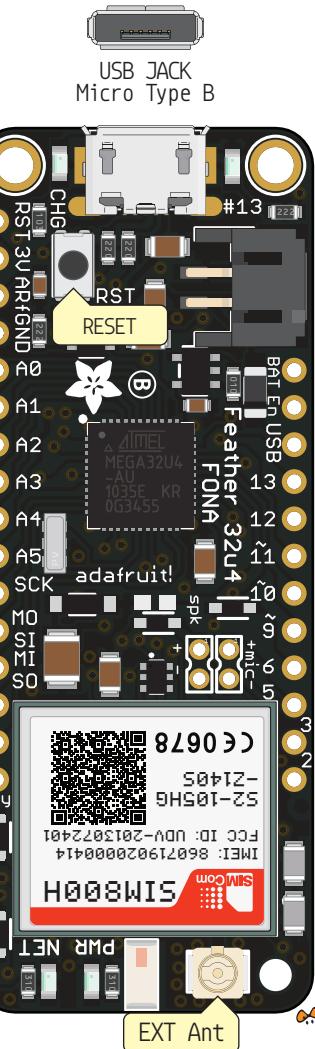
18 A0	ADC7 TDI	PF7 36
19 A1	ADC6 TDO	PF6 37
20 A2	ADC5 TMS	PF5 38
21 A3	ADC4 TCK	PF4 39
22 A4	ADC1	PF1 40
23 A5	ADC0	PF0 41
15	SCLK	PCINT ¹ PB1 9
16	MOSI	PCINT ² PB2 10
14	MISO	PCINT ³ PB3 11
0	RXD1 INT2	PD2 20
1	TXD1 INT3	PD3 21

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

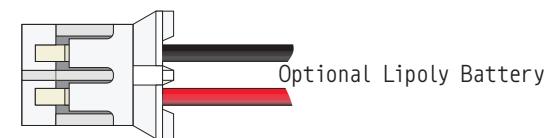
Absolute MAX 200mA for the entire package



GSM Module control

25	PD4	ICP1	ADC8
1	PE6	INT6	AIN0
31	PC6	OC3A OC4A	
27	PD7	T0 OC4D	ADC10
29	PB5	PCINT ⁵ OC1A OC4B	ADC12
28	PB4	PCINT ⁴	ADC11

4	RST
7	RI
5	DTR
6	RTS
9	RXD
8	TXD



VBAT	Connected to ground to disable the 3.3V regulator
En	
VBUS	
32	PC7 CLK0 OC4A ICP3
26	PD6 T1 OC4D ADC9
12	PB7 PCINT ⁷ OC1C OC0A RTS
30	PB6 PCINT ⁵ OC1B OC4B ADC13
29	PB5 PCINT ⁴ OC1A OC4B ADC12
27	PD7 T0 OC4D ADC10
31	PC6 OC3A OC4A
18	PD0 OC0B INT0 SCL
19	PD1 INT1 SDA

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



04 SEP 2017

ver 1 rev 3