feather
M0 Adalogger
PINOUT

SD Control

13	PA08	EINT9	I2C	S0.2	I2SD1	AIN16	4 CS
30	PA21	EINT5	I2C	S3.5	I2SFS0		7 CD
11	PA06	EINT6		S0.2		AIN6	8

Used by the SD Card module too!

Temp sensors

EPaper Display

Accelerometer, K1

Batt Measurement Circ.

Deployment Button

Can't go higher than 3.3V

Optional Lipoly Batt

Connect to ground to disable the 3.3V regulator

14 A0	AIN0	DAC	EINT2	PA02	3		
15 A1	AIN2	S4.0	EINT8	PB08	7		
16 A2	AIN3	S4.1	EINT9	PB09	8		
17 A3	AIN4	S0.0	VREFB	EINT4	PA04	9	
18 A4	AIN5	S0.1		EINT5	PA05	10	
19 A5	AIN10	S5.0		EINT2	PB02	47	
24	SCK	S4.3	I2SCL	EINT11	PB11	20	
23	MOSI	S4.2	I2SMC	EINT10	PB10	19	
22	MISO	S2.0	I2C		PA12	21	
0	RX	S0.3	I2SF0	EINT11	PA11	16	
1	TX	S0.2	I2SCK	EINT10	PA10	15	

RESET 40
3V3
VREFA EINT3 PA02 4
GND

VBAT
En
VBUS

26	PA17	EINT1	I2C	S1.1			13
28	PA19	EINT3	I2SD0	S1.3			12
25	PA16	EINT0	I2C	S1.0			11
27	PA18	EINT2		S1.2			10
12	PA07	EINT7	I2SD0	S0.3	AIN7		9 A7
29	PA20	EINT4	I2SSC	S3.5			6
24	PA15	EINT15		S2.3			5
32	PA23	EINT7	I2C	S3.1	SCL		21
31	PA22	EINT6	I2C	S3.0	SDA		20

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

PWM Pin

Port power group

The total current of each port power group should not exceed 65mA

Absolute MAX per pin 10mA, 7mA recommended

Absolute MAX 130mA 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/2796

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