

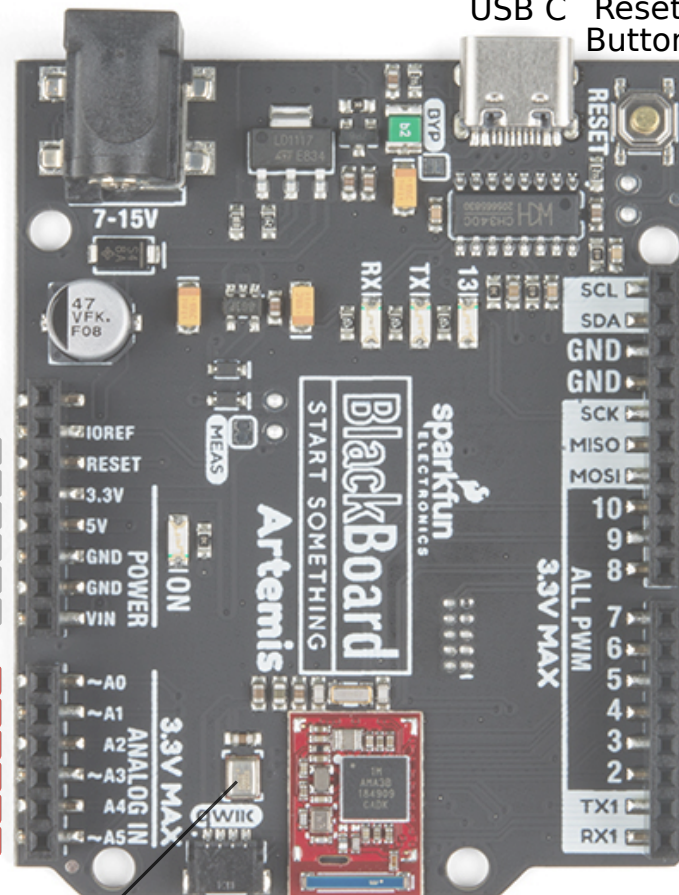
BlackBoard Artemis SPX-15332

Bluetooth 5.0:

TX: 3mA
RX: 3mA
4dBm TX (max)

Vin: 7-15V

USB C Reset Button



SCL	39	Wire/SCL
SDA	40	Wire/SDA
GND	GND	
GND	GND	
SCK	5	SPI/SCK
MISO	6	SPI/MISO
MOSI	7	SPI/MOSI
10	A10	13
9	A9	12
8	A8	32
7	28	SPI2/MOSI
6	27	SCL2
5	23	
4	22	
3	4	
2	A6	35
TX1	24	32KHZ
RX1	25	SDA2

Reset	RESET
3.3V	3.3V
5V	5V
GND	GND
GND	GND
VIN	VIN

29	A0	A0
11	A1	A1
34	A2	A2
32KHZ	33	A3
16	A4	A4
31	A5	A5

Mic-Data	36	PDMDATA
Mic-CLK	37	PDMCLK

Microphone

Qwiic

Power

Vin: 7-15V
VCC: 3.3V
Battery holder on back
Holder part:
Battery: CR2032

Artemis Module

VDD: 1.8-3.6V
1MB Flash, 384k SRAM
48MHz/96MHz ARM Cortex-M4F
2 UARTS, 6 SPI/I2C Ports, 1 I2S
ADC: 14 bit 0-2V
PWM: 15-bit
PDM interface
Secure 'Smart Card' interface
All pins are interrupt on change

LEDs/IO/Config

Power/ON: Red
RX: Yellow
TX: Green
13: Blue
Qwiic: SDA, SCL, 3.3V, GND

sparkfun
ELECTRONICS

