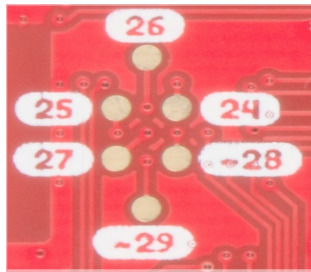


RedBoard Artemis DEV-15444

Pin Name	Artemis Pad
Power	I2C Bus
GND	SPI Bus
Control	UART
Analog	Misc

■ ADC - 14-bit
■ PWM - 15-bit

24	8	Wire2/SCL	SPI2/SCK
25	9	Wire2/SDA	SPI2/MISO
26	10	SPI2/MOSI	
27	38	SPI3/MOSI	
28	42	Wire3/SCL	SPI3/SCK
29	43	Wire3/SDA	SPI3/MISO



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	

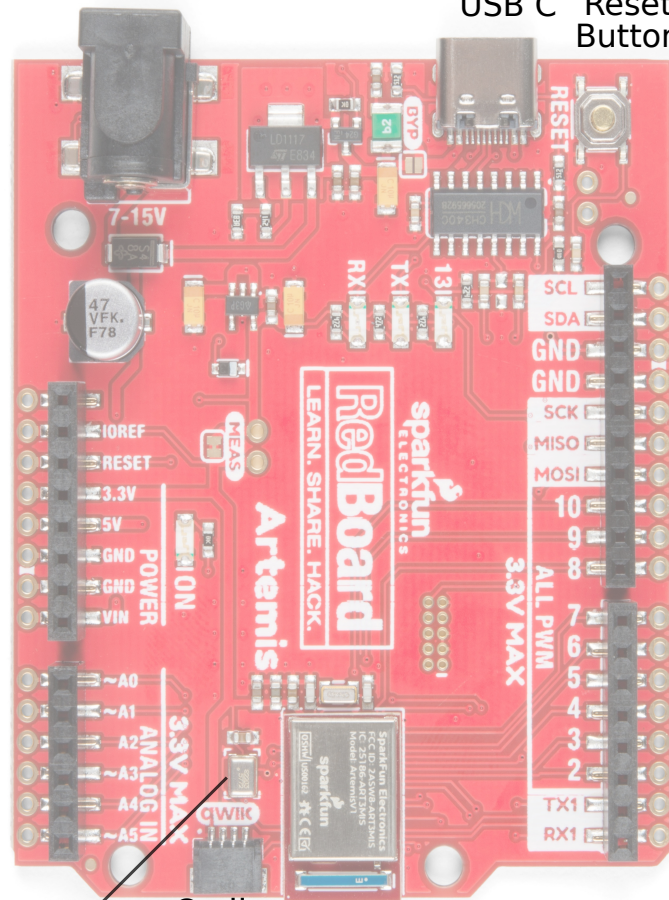
Mic-Data	36	PDM DATA
Mic-CLK	37	PDM CLK

Microphone

Qwiic

Vin: 7-15V

USB C Reset Button

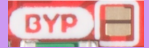


Jumpers

AREF: Disconnects GND Pin between SDA and GND



BYP: Close to disable 2A fuse reset.



MEAS: Interrupts power to the NC jumper.



Bluetooth 5.0:

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

15/SCL	39	Wire/SCL
14/SDA	40	Wire/SDA
GND	GND	
GND	GND	
13/SCK	5	SPI/SCK
12/MISO	6	SPI/MISO
11/MOSI	7	SPI/MOSI
10	A10	13
9	A9	12
8	A8	32
7	28	SPI1/MOSI
6	27	Wire1/SCL2 SPI1/SCK
5	23	
4	22	
3	4	
2	A6	35
1/TX1	24	32KHZ
0/RX1	25	Wire1/SDA2 SPI1/MISO

CLKOUT

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

