RedBoard Artemis DEV-15444

Bluetooth 5.0:
- TX: 3mA
- RX: 3mA
- 4dBm TX (max)

Jumper Functions:
- AREF: Disconnects GND pin between SDA and GND
- BYP: Close to disable 2A fuse reset.
- MEAS: Interrupts power to the NC jumper.

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

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

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

Sparkfun Electronics

Pin Name | Power | GND | Control | Analog | Misc
---|---|---|---|---|---
Vin | Vin | 3.3V | 3.3V | 5V | 5V | 5V | 5V | 32KHZ | 32KHZ | Vin | VIN
Pin Name | Power | GND | Control | Analog | Misc
---|---|---|---|---|---
Vin | Vin | 3.3V | 3.3V | 5V | 5V | 5V | 5V | 32KHZ | 32KHZ | Vin | VIN

Pin Names:
- Artemis Pad
- I2C Bus
- SPI Bus
- UART
- Misc

- ADC - 14-bit
- PWM - 15-bit

Microcontroller Features:
- 48MHz/96MHz ARM Cortex-M4F
- 2 UARTS
- 6 SPI/I2C Ports
- 1 I2S
- 14-bit ADC
- 15-bit PWM
- PDM interface
- Secure 'Smart Card' interface
- All pins are interrupt on change

Bluetooth Battery Efficiency:
- TX: 3mA
- RX: 3mA
- 4dBm TX (max)

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Vin: 7-15V
VCC: 3.3V
Battery holder on back
Holder part: Battery: CR2032
Power/ON: Red
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Qwiic: SDA, SCL, 3.3V, GND