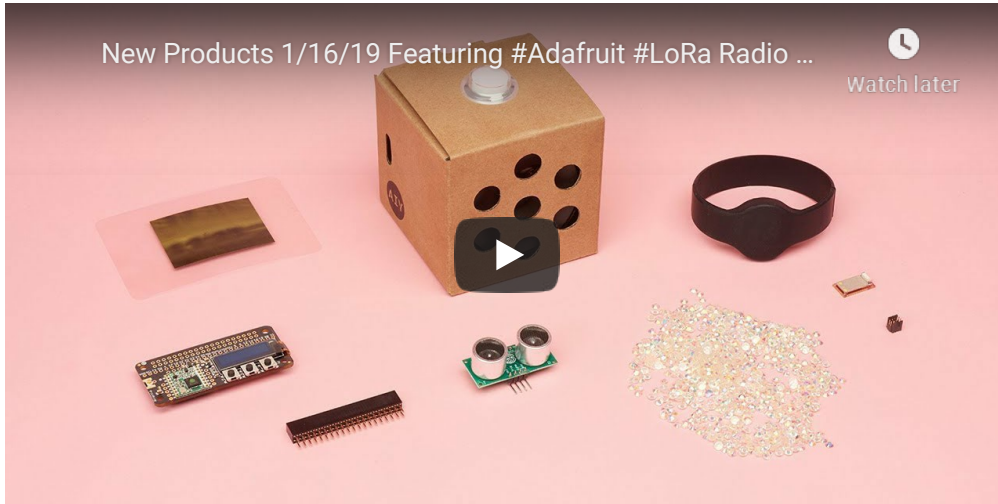


If you'd like to see a possible reference design for this module, check out the PCB files for our [Bluefruit UART Friend](#)

This is the same chip as the micro:bit, [so there is micropython support](#) as well as [some basic Arduino support](#). Either way you go (SDK/micropython/Arduino) you'll still need to solder this onto a PCB and load code via a SWD programmer.



TECHNICAL DETAILS

- 32-bit ARM® Cortex™ M0 CPU
- Supply: 1.8V – 3.6V
- Memory: 256kB Flash Memory
- RAM: 32kB
- Tx Power: +4 dBm @ 16mA
- Rx Sensitivity: -93 dBm @ 13mA
- Flexible and configurable 31 GPIO
- Interfaces: UART / I2C / SPI / PWM
- One 32 bit and two 16 bit timers with counter mode
- SPI Master / Slave
- Two-wire Master (I2C compatible)
- UART (CTS/RTS)
- CPU independent Programmable Peripheral Interconnect (PPI) . Quadrature Decoder (QDEC)
- AES HW encryption
- Real Timer Counter (RTC)
- Operating Temp: -40°C to +105°C
- [Raytac's product page](#)

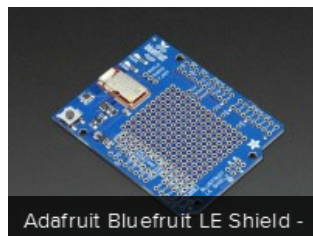
Product Dimensions: 18.0mm x 10.0mm x 2.9mm / 0.7" x 0.4" x 0.1"

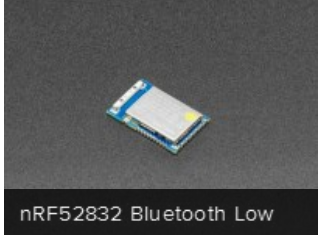
Product Weight: 0.9g / 0.0oz



[Specification](#)

MAY WE ALSO SUGGEST...





nRF52832 Bluetooth Low



Adafruit Bluefruit LE UART



Adafruit Feather nRF52840



Flora Wearable Bluefruit LE



Adafruit Feather nRF52



Adafruit Bluefruit LE SPI



Getting Started with



Adafruit Feather 32u4



nRF52840 Bluetooth Low

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