

RedBoard Artemis Nano

DEV-15443

Product Overview

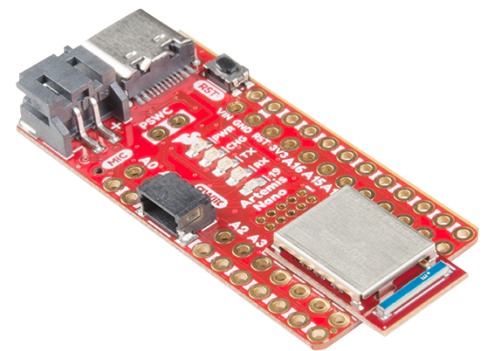
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For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

SparkFun DEV-15443 RedBoard Artemis Nano is a breadboard compatible evaluation board that features 0.8mm thick PCB with onboard LiPo-battery and Qwiic connector. This board is fully compatible with the Arduino core and can be programmed easily under the Arduino IDE. The DEV-15443 RedBoard Artemis Nano includes a JTAG connector for more power and speed. This board also features a digital MEMS microphone for always-on voice commands with TensorFlow and machine learning.

The DEV-15443 RedBoard Artemis Nano runs at 48MHz with a 96MHz turbo mode and Bluetooth to boot. This board also features 17 PWM channels, 2 UARTs, 4 I²C buses, and 2 SPI buses.



Features

- 17x GPIO - all interrupt capable
- 8x ADC channels with 14-bit precision
- 17x PWM channels
- 2x UARTs
- 4x I²C buses
- 2x SPI buses
- PDM digital microphone
- Qwiic connector

Mouser Part Number

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<https://www.mouser.com/new/sparkfun/sparkfun-dev-15443-redboard-artemis-nano/>