

Bluetooth Low Energy Module

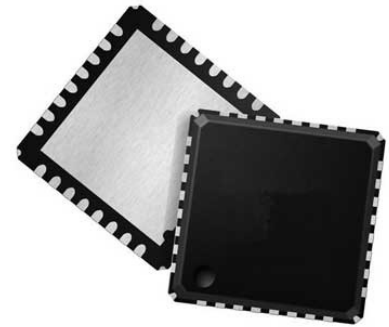
Manufacturer: [Nordic Semiconductor](#)

Package/Case: QFN32

Product Type: RF Integrated Circuits

RoHS: RoHS Compliant/Lead free 

Lifecycle: NRND



Images are for reference only

[Inquiry](#)

General Description

Key Features

Single chip, highly flexible, 2.4 GHz multi-protocol SoC

32bit ARM Cortex-M4 Processor

1.7V to 3.6V operation

192kB flash + 24kB RAM

Supports concurrent Bluetooth LE/ANT protocol operation

Up to +4dBm output power

-96dBm sensitivity, Bluetooth LE

Thread safe and run-time protected

Event driven API

On air compatible with nRF24L and nRF24AP series

2 data rates (2Mbps/1Mbps)

Configurable I/O mapping for analog and digital I/O

Application

Wireless, Computer Hardware, Industrial, Sensing, Automation & Process Control

Recommended For You

nRF52810-QFAA-R

Nordic Semiconductor

QFN48

nRF52840-QIAA-R7

Nordic Semiconductor

QFN

nRF8001-R2Q32-R

Nordic Semiconductor

QFN32

nRF24L01P-R

Nordic Semiconductor

QFN20

nRF52820-QDAA-R

Nordic Semiconductor

QFN40

NRF52810-QCAA-R

Nordic Semiconductor

QFN32

nRF24AP2-8CHQ32-T

Nordic Semiconductor

QFN32

nRF5340-QKAA-R7

Nordic Semiconductor

BLE5.2SOC

nRF51822-QFAB-R7

Nordic Semiconductor

QFN-48

nRF5340-CLAA-R

Nordic Semiconductor

WLCSP

nRF51822-QFAA-R7

Nordic Semiconductor

QFN48

nRF52811-QFAA-R

Nordic Semiconductor

QFN48

nRF51422-QFAC-R

Nordic Semiconductor

QFN48

nRF52810-QCAA-T

Nordic Semiconductor

QFN32

NRF24AP1

Nordic Semiconductor

QFN24