



Image may be representation.
See specifications for product details.

NRF51822-QFAB-R7

Part Number: **NRF51822-QFAB-R7**
 Product Description: IC RF TXRX+MCU BLUETOOTH 48VFQFN
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [1.NRF51822-QFAB-R7.pdf](#)
[2.NRF51822-QFAB-R7.pdf](#)

Manufacturer/Brand: Nordic Semiconductor
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

Product details

Part Number	NRF51822-QFAB-R7	Manufacturer	Nordic Semiconductor
Description	IC RF TXRX+MCU BLUETOOTH 48VFQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	1.NRF51822-QFAB-R7.pdf2.NRF51822-QFAB-R7.pdf		
Voltage - Supply	1.8 V ~ 3.6 V	Type	TxRx + MCU
Series	-	Serial Interfaces	I ² C, SPI, UART
Sensitivity	-96dBm	RF Family/Standard	Bluetooth, General ISM > 1GHz
Protocol	Bluetooth v4.0	Power - Output	4dBm
Packaging	Cut Tape (CT)	Package / Case	48-VFQFN Exposed Pad
Other Names	1490-1032-1	Operating Temperature	-25°C ~ 75°C
Moisture Sensitivity Level (MSL)	2 (1 Year)	Modulation	GFSK
Memory Size	128kB Flash, 16kB RAM	Manufacturer Standard Lead Time	16 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	GPIO	32
Frequency	2.4GHz	Detailed Description	IC RF TxRx + MCU Bluetooth, General ISM > 1GHz Bluetooth v4.0 2.4GHz 48-VFQFN Exposed Pad
Data Rate (Max)	2Mbps	Current - Transmitting	4.7mA ~ 16mA
Current - Receiving	9.7mA ~ 13.4mA		

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