

Image may be representation.  
See specifications for product details.

## NRF51422-QFAA-T

Part Number: **NRF51422-QFAA-T**  
 Product Description: IC RF TXRX+MCU BLUETOOTH 48VFQFN  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [NRF51422-QFAA-T.pdf](#)

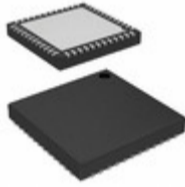
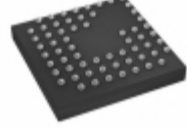

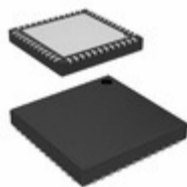
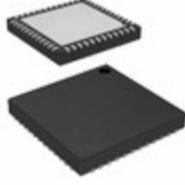

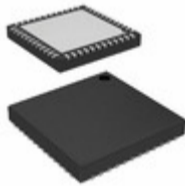




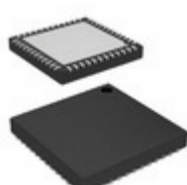
Manufacturer/Brand: Nordic Semiconductor  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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### Product details

<b>Part Number</b>	NRF51422-QFAA-T	<b>Manufacturer</b>	Nordic Semiconductor
<b>Description</b>	IC RF TXRX+MCU BLUETOOTH 48VFQFN	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">NRF51422-QFAA-T.pdf</a>		
<b>Voltage - Supply</b>	1.8 V ~ 3.6 V	<b>Type</b>	TxRx + MCU
<b>Series</b>	-	<b>Serial Interfaces</b>	I <sup>2</sup> C, SPI, UART
<b>Sensitivity</b>	-96dBm	<b>RF Family/Standard</b>	Bluetooth, General ISM > 1GHz
<b>Protocol</b>	ANT, Bluetooth v4.0	<b>Power - Output</b>	4dBm
<b>Packaging</b>	Tray	<b>Package / Case</b>	48-VFQFN Exposed Pad
<b>Other Names</b>	1490-1023 NRF51422-QFAA-T V2	<b>Operating Temperature</b>	-25°C ~ 75°C
<b>Moisture Sensitivity Level (MSL)</b>	2 (1 Year)	<b>Modulation</b>	GFSK
<b>Memory Size</b>	256kB Flash, 16kB RAM	<b>Manufacturer Standard Lead Time</b>	16 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>GPIO</b>	32
<b>Frequency</b>	2.4GHz	<b>Detailed Description</b>	IC RF TxRx + MCU Bluetooth, General ISM > 1GHz ANT, Bluetooth v4.0 2.4GHz 48-VFQFN Exposed Pad
<b>Data Rate (Max)</b>	2Mbps	<b>Current - Transmitting</b>	5.5mA ~ 16mA
<b>Current - Receiving</b>	12.6mA ~ 13.4mA		

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 <p><b>NRF51422-QFAC-R</b>                  Manufacturers: Nordic Semiconductor                  Description: IC RF TXRX+MCU BLUETOOTH 48VFQFN                  Download: <a href="#">NRF51422-QFAC-R.pdf</a></p> <p><a href="#">RFQ</a></p>	 <p><b>NRF51422-CFAC-R</b>                  Manufacturers: Nordic Semiconductor                  Description: IC RF TXRX+MCU BLUETOOTH 62WLCSP                  Download: <a href="#">NRF51422-CFAC-R.pdf</a></p> <p><a href="#">RFQ</a></p>
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