



NRF51422-QFAA-R7

|                     |                                          |
|---------------------|------------------------------------------|
| Part Number:        | NRF51422-QFAA-R7                         |
| Manufacturer/Brand: | Nordic Semiconductor                     |
| Product description | IC RF TXRX+MCU BLUETOOTH 48VQFN          |
| Datasheets:         | <a href="#">PDF</a> NRF51422-QFAA-R7.pdf |
| RoHs Status         | Lead free / RoHS Compliant               |
| Ship From           | Hong Kong                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                    |

REQUEST FOR QUOTATION

Specifications of NRF51422-QFAA-R7

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| PART NUMBER                      | NRF51422-QFAA-R7                                                                               |
| MANUFACTURER                     | Nordic Semiconductor                                                                           |
| DESCRIPTION                      | IC RF TXRX+MCU BLUETOOTH 48VQFN                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                     |
| DATA SHEET                       | <a href="#">PDF</a> NRF51422-QFAA-R7.pdf                                                       |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                                                  |
| TYPE                             | TxRx + MCU                                                                                     |
| SERIES                           | -                                                                                              |
| SERIAL INTERFACES                | I <sup>2</sup> C, SPI, UART                                                                    |
| SENSITIVITY                      | -96dBm                                                                                         |
| RF FAMILY/STANDARD               | Bluetooth, General ISM > 1GHz                                                                  |
| PROTOCOL                         | ANT, Bluetooth v4.0                                                                            |
| POWER - OUTPUT                   | 4dBm                                                                                           |
| PACKAGING                        | Original-Reel®                                                                                 |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                           |
| OTHER NAMES                      | 1490-1030-6                                                                                    |
| OPERATING TEMPERATURE            | -25°C ~ 75°C                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                     |
| MODULATION                       | GFSK                                                                                           |
| MEMORY SIZE                      | 256kB 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 ANT, Bluetooth v4.0 2.4GHz 48-VFQFN Exposed Pad |
| DATA RATE (MAX)                  | 2Mbps                                                                                          |
| CURRENT - TRANSMITTING           | 5.5mA ~ 16mA                                                                                   |
| CURRENT - RECEIVING              | 12.6mA ~ 13.4mA                                                                                |

Related Tags

|                                           |                                        |                                           |
|-------------------------------------------|----------------------------------------|-------------------------------------------|
| Nordic Semiconductor NRF51422-QFAA-R7     | NRF51422-QFAA-R7 Distributor           | NRF51422-QFAA-R7 Supplier                 |
| NRF51422-QFAA-R7 Price                    | NRF51422-QFAA-R7 Pictures              | NRF51422-QFAA-R7 Image                    |
| NRF51422-QFAA-R7 PDF Datasheet            | NRF51422-QFAA-R7 Download Datasheet    | NRF51422-QFAA-R7 Datasheet                |
| NRF51422-QFAA-R7 Stock                    | Buy NRF51422-QFAA-R7                   | Buy Nordic Semiconductor NRF51422-QFAA-R7 |
| Nordic Semiconductor NRF51422-QFAA-R7     | Nordic Semiconductor Supplier          | Nordic Semiconductor Distributor          |
| Nordic Semiconductor NRF51422-QFAA-R7     | Kordis Media NRF51422-QFAA-R7          | Nordic NRF51422-QFAA-R7                   |
| Nordic Semiconductor ASA NRF51422-QFAA-R7 | Nordic Semiconductors NRF51422-QFAA-R7 |                                           |

Related Products

|                                                                                                                                              |                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NRF51422-CEAA-R</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 62WLCSP<br>In stock: Out stock<br>RFQ | <b>NRF51422-QFAB-R7</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: Out stock<br>RFQ |
| <b>NRF51422-QFAB-T</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: 131 pcs<br>RFQ    | <b>NRF51422-CFAC-R</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 62WLCSP<br>In stock: Out stock<br>RFQ |
| <b>NRF51422-QFAA-R</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: Out stock<br>RFQ  | <b>NRF51422-QFAA-T</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: 744 pcs<br>RFQ    |
| <b>NRF51422-EK</b><br>Manufacturers: Nordic Semiconductor<br>Description: KIT EVALUATION NRF51422<br>In stock: Out stock<br>RFQ              | <b>NRF51422-QFAB-R</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: Out stock<br>RFQ  |
| <b>NRF51-DONGLE</b><br>Manufacturers: Nordic Semiconductor<br>Description: DEV DONGLE USB FOR NRF51822/422<br>In stock: 137 pcs<br>RFQ       | <b>NRF51422-DK</b><br>Manufacturers: Nordic Semiconductor<br>Description: KIT DEV NRFGO NRF51422<br>In stock: Out stock<br>RFQ               |
| <b>NRF51422-QFAC-R</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: Out stock<br>RFQ  | <b>NRF51422-QFAC-R7</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: Out stock<br>RFQ |