



Image may be representation. See specifications for product details.

NRF51822-QFAA-R

|                     |                                                                                |
|---------------------|--------------------------------------------------------------------------------|
| Part Number:        | NRF51822-QFAA-R                                                                |
| Manufacturer/Brand: | Nordic Semiconductor                                                           |
| Product description | IC RF TXRX+MCU BLUETOOTH 48VQFN                                                |
| Datasheets:         | <a href="#">1.NRF51822-QFAA-R.pdf</a><br><a href="#">2.NRF51822-QFAA-R.pdf</a> |
| RoHs Status         | Lead free / RoHS Compliant                                                     |
| Stock Condition     | 47463 pcs stock                                                                |
| Ship From           | Hong Kong                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                          |

REQUEST FOR QUOTATION

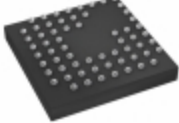
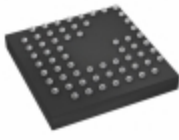
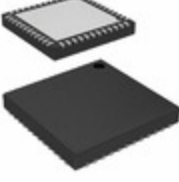
Specifications of NRF51822-QFAA-R

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | NRF51822-QFAA-R                                                                           |
| MANUFACTURER                     | Nordic Semiconductor                                                                      |
| DESCRIPTION                      | IC RF TXRX+MCU BLUETOOTH 48VQFN                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| QUANTITY AVAILABLE               | 47463 pcs                                                                                 |
| DATA SHEET                       | <a href="#">1.NRF51822-QFAA-R.pdf</a><br><a href="#">2.NRF51822-QFAA-R.pdf</a>            |
| 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                         | Bluetooth v4.0                                                                            |
| POWER - OUTPUT                   | 4dBm                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                          |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                      |
| OPERATING TEMPERATURE            | -25°C ~ 75°C                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                             |
| MODULATION                       | GFSK                                                                                      |
| MEMORY SIZE                      | 256kB Flash, 16kB RAM                                                                     |
| 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                                                                            |

Related Tags

|                                          |                                       |                                          |
|------------------------------------------|---------------------------------------|------------------------------------------|
| Nordic Semiconductor NRF51822-QFAA-R     | NRF51822-QFAA-R Distributor           | NRF51822-QFAA-R Supplier                 |
| NRF51822-QFAA-R Price                    | NRF51822-QFAA-R Pictures              | NRF51822-QFAA-R Image                    |
| NRF51822-QFAA-R PDF Datasheet            | NRF51822-QFAA-R Download Datasheet    | NRF51822-QFAA-R Datasheet                |
| NRF51822-QFAA-R Stock                    | Buy NRF51822-QFAA-R                   | Buy Nordic Semiconductor NRF51822-QFAA-R |
| Nordic Semiconductor NRF51822-QFAA-R     | Nordic Semiconductor Supplier         | Nordic Semiconductor Distributor         |
| Nordic Semiconductor NRF51822-QFAA-R     | Kordis Media NRF51822-QFAA-R          | Nordic NRF51822-QFAA-R                   |
| Nordic Semiconductor ASA NRF51822-QFAA-R | Nordic Semiconductors NRF51822-QFAA-R |                                          |

Related Products

|                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>NRF51822-DK</b><br>Manufacturers: Nordic Semiconductor<br>Description: KIT DEV FOR NRF51822<br>In stock: 4627 pcs<br><b>RFQ</b>                  |  <b>NRF51822-QFAC-R</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: 34976 pcs<br><b>RFQ</b>  |
|  <b>NRF51822-MKIT</b><br>Manufacturers: Nordic Semiconductor<br>Description: KIT EVAL FOR NRF51822<br>In stock: 5671 pcs<br><b>RFQ</b>               |  <b>NRF51822-CDAB-R</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 56WLCSP<br>In stock: 50904 pcs<br><b>RFQ</b> |
|  <b>NRF51822-CFAC-R</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 62WLCSP<br>In stock: 15676 pcs<br><b>RFQ</b> |  <b>NRF51822-QFAB-R7</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: 22199 pcs<br><b>RFQ</b> |
|  <b>NRF51822-QFAB-T</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: 27263 pcs<br><b>RFQ</b>  |  <b>NRF51822-QFAA-R7</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: 16716 pcs<br><b>RFQ</b> |
|  <b>NRF51822-CEAA-R</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 62WLCSP<br>In stock: 51814 pcs<br><b>RFQ</b> |  <b>NRF51822-EK</b><br>Manufacturers: Nordic Semiconductor<br>Description: KIT EVALUATION NRF51822<br>In stock: 4070 pcs<br><b>RFQ</b>               |
|  <b>NRF51822-QFAA-T</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: 23567 pcs<br><b>RFQ</b>  |  <b>NRF51822-QFAB-R</b><br>Manufacturers: Nordic Semiconductor<br>Description: IC RF TXRX+MCU BLUETOOTH 48VQFN<br>In stock: 50396 pcs<br><b>RFQ</b>  |