



NRF51422-CFAC-R

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | NRF51422-CFAC-R                  |
| Manufacturer/Brand: | Nordic Semiconductor             |
| Product description | IC RF TXRX+MCU BLUETOOTH 62WLCSP |
| Datasheets:         | NRF51422-CFAC-R.pdf              |
| RoHs Status         | Lead free / RoHS Compliant       |
| Stock Condition     | 37269 pcs stock                  |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

Specifications of NRF51422-CFAC-R

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | NRF51422-CFAC-R                                                                           |
| MANUFACTURER                     | Nordic Semiconductor                                                                      |
| DESCRIPTION                      | IC RF TXRX+MCU BLUETOOTH 62WLCSP                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| QUANTITY AVAILABLE               | 37269 pcs                                                                                 |
| DATA SHEET                       | NRF51422-CFAC-R.pdf                                                                       |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                                             |
| TYPE                             | TxRx + MCU                                                                                |
| SERIES                           | -                                                                                         |
| SERIAL INTERFACES                | I²C, SPI, UART                                                                            |
| SENSITIVITY                      | -96dBm                                                                                    |
| RF FAMILY/STANDARD               | Bluetooth, General ISM > 1GHz                                                             |
| PROTOCOL                         | ANT, Bluetooth v4.0                                                                       |
| POWER - OUTPUT                   | 4dBm                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                          |
| PACKAGE / CASE                   | 62-UFBGA, WLCSP                                                                           |
| OTHER NAMES                      | 1490-1039-2                                                                               |
| OPERATING TEMPERATURE            | -25°C ~ 75°C                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                             |
| MODULATION                       | GFSK                                                                                      |
| MEMORY SIZE                      | 256kB Flash, 32kB 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 ANT, Bluetooth v4.0 2.4GHz 62-UFBGA, WLCSP |
| DATA RATE (MAX)                  | 2Mbps                                                                                     |
| CURRENT - TRANSMITTING           | 5.5mA ~ 16mA                                                                              |
| CURRENT - RECEIVING              | 12.6mA ~ 13.4mA                                                                           |

Related Tags

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

Related Products

|                                                                                                                                                                                     |                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>NRF51422-QFAA-R</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 48VFQFN<br/>In stock: 36350 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>NRF51422-EK</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: KIT EVALUATION NRF51422<br/>In stock: 6174 pcs<br/><div>RFQ</div></div>               |
| <div></div> <div><b>NRF51422-QFAA-R7</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 48VFQFN<br/>In stock: 19702 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>NRF24Z1-REEL</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX ISM&gt;1GHZ 36-VFQFN<br/>In stock: 40695 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>NRF24Z1-HPR1</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: REFERENCE DES HEADPHONE NRF24Z1<br/>In stock: 343 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>NRF51-DK</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: DEV KIT FOR NRF51 SERIES<br/>In stock: 2252 pcs<br/><div>RFQ</div></div>                 |
| <div></div> <div><b>NRF51422-CEAA-R</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 62WLCSP<br/>In stock: 47697 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>NRF24Z1-EVKIT</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: KIT NRF24Z1 &amp; USB BOARD ANT SW<br/>In stock: 157 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>NRF51422-DK</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: KIT DEV NRFGO NRF51422<br/>In stock: 3966 pcs<br/><div>RFQ</div></div>                 | <div></div> <div><b>NRF51422-QFAB-R</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 48VFQFN<br/>In stock: 56716 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>NRF51422-QFAA-T</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU BLUETOOTH 48VFQFN<br/>In stock: 18606 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>NRF51-DONGLE</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: DEV DONGLE USB FOR NRF51822/422<br/>In stock: 1911 pcs<br/><div>RFQ</div></div>      |