



NRF8001-R2Q32-R

|                     |                               |
|---------------------|-------------------------------|
| Part Number:        | NRF8001-R2Q32-R               |
| Manufacturer/Brand: | Nordic Semiconductor          |
| Product description | IC RF TXRX BLUETOOTH 32-VFQFN |
| Datasheets:         | NRF8001-R2Q32-R.pdf           |
| RoHs Status         | Lead free / RoHS Compliant    |
| Stock Condition     | 45808 pcs stock               |
| Ship From           | Hong Kong                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS         |

REQUEST FOR QUOTATION

Specifications of NRF8001-R2Q32-R

|                                  |                                                                      |
|----------------------------------|----------------------------------------------------------------------|
| PART NUMBER                      | NRF8001-R2Q32-R                                                      |
| MANUFACTURER                     | Nordic Semiconductor                                                 |
| DESCRIPTION                      | IC RF TXRX BLUETOOTH 32-VFQFN                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                           |
| QUANTITY AVAILABLE               | 45808 pcs                                                            |
| DATA SHEET                       | NRF8001-R2Q32-R.pdf                                                  |
| VOLTAGE - SUPPLY                 | 1.9 V ~ 3.6 V                                                        |
| TYPE                             | TxRx Only                                                            |
| SERIES                           | -                                                                    |
| SERIAL INTERFACES                | I <sup>2</sup> C, SPI, UART                                          |
| SENSITIVITY                      | -87dBm                                                               |
| RF FAMILY/STANDARD               | Bluetooth                                                            |
| PROTOCOL                         | Bluetooth v4.0                                                       |
| POWER - OUTPUT                   | 0dBm                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                     |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                        |
| MODULATION                       | GFSK                                                                 |
| MEMORY SIZE                      | -                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                           |
| FREQUENCY                        | 2.4GHz                                                               |
| DETAILED DESCRIPTION             | IC RF TxRx Only Bluetooth Bluetooth v4.0 2.4GHz 32-VFQFN Exposed Pad |
| DATA RATE (MAX)                  | 1Mbps                                                                |
| CURRENT - TRANSMITTING           | 6.6mA ~ 12.7mA                                                       |
| CURRENT - RECEIVING              | 11.1mA ~ 14.6mA                                                      |

Related Tags

|                                          |                                       |                                          |
|------------------------------------------|---------------------------------------|------------------------------------------|
| Nordic Semiconductor NRF8001-R2Q32-R     | NRF8001-R2Q32-R Distributor           | NRF8001-R2Q32-R Supplier                 |
| NRF8001-R2Q32-R Price                    | NRF8001-R2Q32-R Pictures              | NRF8001-R2Q32-R Image                    |
| NRF8001-R2Q32-R PDF Datasheet            | NRF8001-R2Q32-R Download Datasheet    | NRF8001-R2Q32-R Datasheet                |
| NRF8001-R2Q32-R Stock                    | Buy NRF8001-R2Q32-R                   | Buy Nordic Semiconductor NRF8001-R2Q32-R |
| Nordic Semiconductor NRF8001-R2Q32-R     | Nordic Semiconductor Supplier         | Nordic Semiconductor Distributor         |
| Nordic Semiconductor NRF8001-R2Q32-R     | Kordis Media NRF8001-R2Q32-R          | Nordic NRF8001-R2Q32-R                   |
| Nordic Semiconductor ASA NRF8001-R2Q32-R | Nordic Semiconductors NRF8001-R2Q32-R |                                          |

Related Products

|                                                                                                                                                                             |                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>NRF8001-R2Q32-T</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX BLUETOOTH 32-VFQFN<br/>In stock: 23543 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>NRF8002-R1Q32-T</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX BLUETOOTH 32-VFQFN<br/>In stock: 21663 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>NRF6924</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: NRFREADY SMART NRF51822 REF DES<br/>In stock: 168 pcs<br/><b>RFQ</b></div>         | <div></div> <div><b>NRF8001-R2Q32-R7</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX BLUETOOTH 32-VFQFN<br/>In stock: 43708 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>NRF8002-DK</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: KIT DEVELOPMENT NRFGO NRF8002<br/>In stock: 247 pcs<br/><b>RFQ</b></div>        | <div></div> <div><b>NRF8002-R1Q32-R7</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX BLUETOOTH 32-VFQFN<br/>In stock: 27133 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>NRF6936</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: NORDIC THINGY:52 BLE DEV BOARD<br/>In stock: 1960 pcs<br/><b>RFQ</b></div>         | <div></div> <div><b>NRF6928</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: KIT NRFREADY NRF51 DESKTOP<br/>In stock: 118 pcs<br/><b>RFQ</b></div>               |
| <div></div> <div><b>NRF6916</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: NRFREADY UBLUE DESKTOP<br/>In stock: 148 pcs<br/><b>RFQ</b></div>                  | <div></div> <div><b>NRF8002-R1Q32-R</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX BLUETOOTH 32-VFQFN<br/>In stock: 30161 pcs<br/><b>RFQ</b></div>  |
| <div></div> <div><b>NRF6939</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: NRFREADY SMART REMOTE 3 FOR NRF5<br/>In stock: 276 pcs<br/><b>RFQ</b></div>        | <div></div> <div><b>NRF8001-DK</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: KIT DEVELOPMENT NRF8001<br/>In stock: 886 pcs<br/><b>RFQ</b></div>               |