

Nordic Semiconductor

NRF24L01

|                     |                              |
|---------------------|------------------------------|
| Part Number:        | NRF24L01                     |
| Manufacturer/Brand: | Nordic Semiconductor         |
| Product description | IC RF TXRX ISM>1GHZ 20-VFQFN |
| Datasheets:         | NRF24L01.pdf                 |
| RoHs Status         | Lead free / RoHS Compliant   |
| Stock Condition     | 35613 pcs stock              |
| Ship From           | Hong Kong                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS        |

REQUEST FOR QUOTATION

Specifications of NRF24L01

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| PART NUMBER                      | NRF24L01                                                       |
| MANUFACTURER                     | Nordic Semiconductor                                           |
| DESCRIPTION                      | IC RF TXRX ISM>1GHZ 20-VFQFN                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                     |
| QUANTITY AVAILABLE               | 35613 pcs                                                      |
| DATA SHEET                       | NRF24L01.pdf                                                   |
| VOLTAGE - SUPPLY                 | 1.9 V ~ 3.6 V                                                  |
| TYPE                             | TxRx Only                                                      |
| SERIES                           | -                                                              |
| SERIAL INTERFACES                | SPI                                                            |
| SENSITIVITY                      | -85dBm                                                         |
| RF FAMILY/STANDARD               | General ISM > 1GHZ                                             |
| PROTOCOL                         | -                                                              |
| POWER - OUTPUT                   | 0dBm                                                           |
| PACKAGING                        | Tray                                                           |
| PACKAGE / CASE                   | 20-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 General ISM > 1GHZ 2.4GHz 20-VFQFN Exposed Pad |
| DATA RATE (MAX)                  | 2Mbps                                                          |
| CURRENT - TRANSMITTING           | 7mA ~ 11.3mA                                                   |
| CURRENT - RECEIVING              | 11.1mA ~ 12.3mA                                                |

Related Tags

|                                   |                                |                                   |
|-----------------------------------|--------------------------------|-----------------------------------|
| Nordic Semiconductor NRF24L01     | NRF24L01 Distributor           | NRF24L01 Supplier                 |
| NRF24L01 Price                    | NRF24L01 Pictures              | NRF24L01 Image                    |
| NRF24L01 PDF Datasheet            | NRF24L01 Download Datasheet    | NRF24L01 Datasheet                |
| NRF24L01 Stock                    | Buy NRF24L01                   | Buy Nordic Semiconductor NRF24L01 |
| Nordic Semiconductor NRF24L01     | Nordic Semiconductor Supplier  | Nordic Semiconductor Distributor  |
| Nordic Semiconductor NRF24L01     | Kordis Media NRF24L01          | Nordic NRF24L01                   |
| Nordic Semiconductor ASA NRF24L01 | Nordic Semiconductors NRF24L01 |                                   |

Related Products

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>NRF24E1G-REEL7</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 36-VFQFN<br/>In stock: 36409 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>NRF24L01P-R</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX ISM&gt;1GHZ 20-VFQFN<br/>In stock: 54882 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>NRF24E2G-REEL7</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC TRANSMITTER 2.4GHZ 8051 36QFN<br/>In stock: 37070 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>NRF24L01P-MODULE-PCB</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: KIT EVAL NRF24L01+ PCB ANTENNA<br/>In stock: 3305 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>NRF24L01P-MODULE-SMA</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: KIT EVAL NRF24L01+ SMA CONN<br/>In stock: 1743 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>NRF24L01-REEL</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX ISM&gt;1GHZ 20-VFQFN<br/>In stock: 54358 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>NRF24E2G</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC TRANSMITTER 2.4GHZ 8051 36QFN<br/>In stock: 21285 pcs<br/><div>RFQ</div></div>          | <div></div> <div><b>NRF24E2G-REEL</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC TRANSMITTER 2.4GHZ 8051 36QFN<br/>In stock: 31119 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>NRF24E1G-REEL</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 36-VFQFN<br/>In stock: 32199 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>NRF24L01P-EVKIT</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: KIT EVALUATION NRF24L01P<br/>In stock: 226 pcs<br/><div>RFQ</div></div>             |
| <div></div> <div><b>NRF24E1G</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 36-VFQFN<br/>In stock: 29376 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>NRF24L01-REEL7</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX ISM&gt;1GHZ 20-VFQFN<br/>In stock: 51743 pcs<br/><div>RFQ</div></div>     |