



NRF24LE1-017Q48-R

|                     |                                  |
|---------------------|----------------------------------|
| Part Number:        | NRF24LE1-017Q48-R                |
| Manufacturer/Brand: | Nordic Semiconductor             |
| Product description | IC RF TXRX+MCU ISM>1GHZ 48-VFQFN |
| Datasheets:         | NRF24LE1-017Q48-R.pdf            |
| RoHs Status         | Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS            |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of NRF24LE1-017Q48-R

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| PART NUMBER                      | NRF24LE1-017Q48-R                                               |
| MANUFACTURER                     | Nordic Semiconductor                                            |
| DESCRIPTION                      | IC RF TXRX+MCU ISM>1GHZ 48-VFQFN                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                      |
| DATA SHEET                       | NRF24LE1-017Q48-R.pdf                                           |
| VOLTAGE - SUPPLY                 | 1.9 V ~ 3.6 V                                                   |
| TYPE                             | TxRx + MCU                                                      |
| SERIES                           | -                                                               |
| SERIAL INTERFACES                | I <sup>2</sup> C, SPI, UART                                     |
| SENSITIVITY                      | -94dBm                                                          |
| RF FAMILY/STANDARD               | General ISM > 1GHZ                                              |
| PROTOCOL                         | -                                                               |
| POWER - OUTPUT                   | 0dBm                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                   |
| MODULATION                       | GFSK                                                            |
| MEMORY SIZE                      | 16kB OTP, 1kB SRAM                                              |
| 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 General ISM > 1GHZ 2.4GHz 48-VFQFN Exposed Pad |
| DATA RATE (MAX)                  | 2Mbps                                                           |
| CURRENT - TRANSMITTING           | 6.8mA ~ 11.1mA                                                  |
| CURRENT - RECEIVING              | 12.4mA ~ 13.3mA                                                 |

Related Tags

|                                            |                                         |                                            |
|--------------------------------------------|-----------------------------------------|--------------------------------------------|
| Nordic Semiconductor NRF24LE1-017Q48-R     | NRF24LE1-017Q48-R Distributor           | NRF24LE1-017Q48-R Supplier                 |
| NRF24LE1-017Q48-R Price                    | NRF24LE1-017Q48-R Pictures              | NRF24LE1-017Q48-R Image                    |
| NRF24LE1-017Q48-R PDF Datasheet            | NRF24LE1-017Q48-R Download Datasheet    | NRF24LE1-017Q48-R Datasheet                |
| NRF24LE1-017Q48-R Stock                    | Buy NRF24LE1-017Q48-R                   | Buy Nordic Semiconductor NRF24LE1-017Q48-R |
| Nordic Semiconductor NRF24LE1-017Q48-R     | Nordic Semiconductor Supplier           | Nordic Semiconductor Distributor           |
| Nordic Semiconductor NRF24LE1-017Q48-R     | Kordis Media NRF24LE1-017Q48-R          | Nordic NRF24LE1-017Q48-R                   |
| Nordic Semiconductor ASA NRF24LE1-017Q48-R | Nordic Semiconductors NRF24LE1-017Q48-R |                                            |

Related Products

|                                                                                                                                                                               |                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>NRF24LE1-017Q48-T</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>NRF24LE1-017Q48-S</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC SAMPLE SOC SOLUTION 48QFN<br/>In stock: Out stock<br/>RFQ</div>         |
| <div></div> <div><b>NRF24LE1-017Q24-T</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 24-VFQFN<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>NRF24LE1-Q48-SAMPLE</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC SAMPLE RF TXRX 2.4GHZ 48QFN<br/>In stock: Out stock<br/>RFQ</div>     |
| <div></div> <div><b>NRF24LE1-017Q32-T</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 32-VFQFN<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>NRF24LE1-017Q24-S</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC SAMPLE SOC SOLUTION 24QFN<br/>In stock: Out stock<br/>RFQ</div>         |
| <div></div> <div><b>NRF24LE1-017Q32-R</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 32-VFQFN<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>NRF24LE1-017Q32-R7</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 32-VFQFN<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>NRF24LE1-017Q48-R7</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 48-VFQFN<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>NRF24LE1-Q32-SAMPLE</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC SAMPLE RF TXRX 2.4GHZ 32QFN<br/>In stock: Out stock<br/>RFQ</div>     |
| <div></div> <div><b>NRF24LE1-017Q32-S</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC SAMPLE SOC SOLUTION 32QFN<br/>In stock: Out stock<br/>RFQ</div>         | <div></div> <div><b>NRF24LE1-Q24-SAMPLE</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC SAMPLE RF TXRX 2.4GHZ 24QFN<br/>In stock: Out stock<br/>RFQ</div>     |