

## NRF24LE1-F16Q48-R7



**Part Number:** [NRF24LE1-F16Q48-R7](#)  
**Manufacturer:** [Nordic Semiconductor](#)  
**Description:** IC RF TXRX+MCU ISM>1GHZ 48-VFQFN  
**Data sheet:** [PDF NRF24LE1 Specification](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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 See Product Specifications for product details.  
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### PRODUCT PARAMETER

Part Number	<a href="#">NRF24LE1-F16Q48-R7</a>
Manufacturer	<a href="#">Nordic Semiconductor</a>
Description	IC RF TXRX+MCU ISM>1GHZ 48-VFQFN
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	30265 pcs
Product Photo	<a href="#">NRF24LE1-F16Q48-R7.jpg</a>
Category	<a href="#">RF/IF and RFID</a>
Voltage - Supply	1.9 V ~ 3.6 V
Type	TxRx + MCU
Series	-
Serial Interfaces	PC, JTAG, 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 Flash, 1kB SRAM
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
GPIO	31
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

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	Part#: <a href="#">NRF24LE1-O17Q32-R</a> Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN	Manufacturers: <a href="#">Nordic Semiconductor</a> In Stock: 46415	<a href="#">RFQ</a>
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	Part#: <a href="#">NRF24LE1-O17Q32-R7</a> Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN	Manufacturers: <a href="#">Nordic Semiconductor</a> In Stock: 40194	<a href="#">RFQ</a>
	Part#: <a href="#">NRF24LE1-F16Q32-R7</a> Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN	Manufacturers: <a href="#">Nordic Semiconductor</a> In Stock: 33467	<a href="#">RFQ</a>
	Part#: <a href="#">NRF24LE1-O17Q24-R7</a> Description: IC RF TXRX+MCU ISM>1GHZ 24-VFQFN	Manufacturers: <a href="#">Nordic Semiconductor</a> In Stock: 44760	<a href="#">RFQ</a>
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	Part#: <a href="#">NRF24LE1-F16Q24-T</a> Description: IC RF TXRX+MCU ISM>1GHZ 24-VFQFN	Manufacturers: <a href="#">Nordic Semiconductor</a> In Stock: 26595	<a href="#">RFQ</a>
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	Part#: <a href="#">NRF24LE1-F16Q24-R</a> Description: IC RF TXRX+MCU ISM>1GHZ 24-VFQFN	Manufacturers: <a href="#">Nordic Semiconductor</a> In Stock: 35013	<a href="#">RFQ</a>
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	Part#: <a href="#">NRF24LE1-F16Q48-T</a> Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN	Manufacturers: <a href="#">Nordic Semiconductor</a> In Stock: 28071	<a href="#">RFQ</a>
	Part#: <a href="#">NRF24LE1-O17Q48-R</a> Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN	Manufacturers: <a href="#">Nordic Semiconductor</a> In Stock: 35496	<a href="#">RFQ</a>
	Part#: <a href="#">NRF24LE1-F16Q24-R7</a> Description: IC RF TXRX+MCU ISM>1GHZ 24-VFQFN	Manufacturers: <a href="#">Nordic Semiconductor</a> In Stock: 33525	<a href="#">RFQ</a>
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