



NRF51422-CEAA-R

Part Number: **NRF51422-CEAA-R**
 Product Description: IC RF TXRX+MCU BLUETOOTH 62WLCSP
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [NRF51422-CEAA-R.pdf](#)

Manufacturer/Brand: Nordic Semiconductor
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

Image may be representation.
 See specifications for product details.

Product details

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|---|---|--|---|
| Part Number | NRF51422-CEAA-R | Manufacturer | Nordic Semiconductor |
| Description | IC RF TXRX+MCU BLUETOOTH 62WLCSP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Data sheet | NRF51422-CEAA-R.pdf | | |
| Voltage - Supply | 1.8 V ~ 3.6 V | Type | TxRx + MCU |
| Series | - | Serial Interfaces | I ² C, 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 | NRF51422-CEAA-R V2 NRF51422-CEAA-R V2-ND | Operating Temperature | -25°C ~ 75°C |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours) | Modulation | GFSK |
| Memory Size | 256kB Flash, 16kB RAM | 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 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 | | |

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