



Nordic Semiconductor

NRF52832-CIAA-R

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| Part Number: | NRF52832-CIAA-R |
| Manufacturer/Brand: | Nordic Semiconductor |
| Product description: | IC RF TXRX+MCU BLUETOOTH 50WLCSP |
| Datasheets: | 1.NRF52832-CIAA-R.pdf 2.NRF52832-CIAA-R.pdf 3.NRF52832-CIAA-R.pdf |
| RoHs Status: | Lead free / RoHS Compliant |
| Stock Condition: | 38674 pcs stock |
| 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 NRF52832-CIAA-R

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| PART NUMBER | NRF52832-CIAA-R |
| MANUFACTURER | Nordic Semiconductor |
| DESCRIPTION | IC RF TXRX+MCU BLUETOOTH 50WLCSP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 38674 pcs |
| DATA SHEET | 1.NRF52832-CIAA-R.pdf 2.NRF52832-CIAA-R.pdf 3.NRF52832-CIAA-R.pdf |
| VOLTAGE - SUPPLY | 1.7 V ~ 3.6 V |
| TYPE | TxRx + MCU |
| SERIES | - |
| SERIAL INTERFACES | I ² S, SPI, UART |
| SENSITIVITY | -96dBm |
| RF FAMILY/STANDARD | General ISM > 1GHZ |
| PROTOCOL | ANT, Bluetooth v4.0 |
| POWER - OUTPUT | 4dBm |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 50-XFBGA, WLCSP |
| OTHER NAMES | 1490-1056-2 |
| OPERATING TEMPERATURE | - |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| MODULATION | GFSK |
| MEMORY SIZE | 512kB Flash, 64kB RAM |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| GPIO | 32 |
| FREQUENCY | 2.4GHz |
| DETAILED DESCRIPTION | IC RF TxRx + MCU General ISM > 1GHZ ANT, Bluetooth v4.0 2.4GHz 50-XFBGA, WLCSP |
| DATA RATE (MAX) | 2Mbps |
| CURRENT - TRANSMITTING | 7.5mA |
| CURRENT - RECEIVING | 5.4mA |

Related Tags

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| NRF52832-CIAA-R Price | NRF52832-CIAA-R Pictures | NRF52832-CIAA-R Image |
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| Nordic Semiconductor ASA NRF52832-CIAA-R | Nordic Semiconductors NRF52832-CIAA-R | |

Related Products

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| <p>NRF52832-QFAA-R Manufacturers: Nordic Semiconductor Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: 15317 pcs RFQ</p> | <p>NRF52832-QFAB-R7 Manufacturers: Nordic Semiconductor Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: 37199 pcs RFQ</p> |
| <p>NRF52832-QFAA-T Manufacturers: Nordic Semiconductor Description: MULTIPROTOCOL BLUETOOTH SMART In stock: 15070 pcs RFQ</p> | <p>NRF52832-QFAB-R Manufacturers: Nordic Semiconductor Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: 15145 pcs RFQ</p> |
| <p>NRF52-DK Manufacturers: Nordic Semiconductor Description: DEV KIT FOR NRF52 BLE/NFC In stock: 2692 pcs RFQ</p> | <p>NRF52-PREVIEW-DK Manufacturers: Nordic Semiconductor Description: DEV KIT FOR NRF52 In stock: 1178 pcs RFQ</p> |
| <p>NRF52810-QFAA-R7 Manufacturers: Nordic Semiconductor Description: NRF52810-QFAA QFN 48 PIN In stock: 47008 pcs RFQ</p> | <p>NRF52832-CIAA-R7 Manufacturers: Nordic Semiconductor Description: BLUETOOTH LOW ENERGY In stock: 30116 pcs RFQ</p> |
| <p>NRF52810-QCAA-T Manufacturers: Nordic Semiconductor Description: NRF52810-QCAA QFN 32 PIN In stock: 24737 pcs RFQ</p> | <p>NRF52832-QFAA-R7 Manufacturers: Nordic Semiconductor Description: MULTIPROTOCOL BLUETOOTH SMART In stock: 14825 pcs RFQ</p> |
| <p>NRF52810-QFAA-T Manufacturers: Nordic Semiconductor Description: NRF52810-QFAA QFN 48 PIN In stock: 27687 pcs RFQ</p> | <p>NRF52810-QFAA-R Manufacturers: Nordic Semiconductor Description: NRF52810-QFAA QFN 48 PIN In stock: 52674 pcs RFQ</p> |

