



Image may be representation. See specifications for product details.

**BLUENRGQTR**

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | BLUENRGQTR                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                               |
| Product description | IC RF TXRX+MCU BLUETOOTH 32VFQFN                                                                                 |
| Datasheets:         |  <a href="#">BLUENRGQTR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

[REQUEST FOR QUOTATION](#)

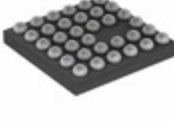
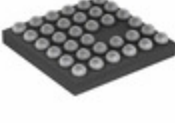
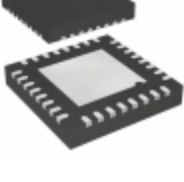
**Specifications of BLUENRGQTR**

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | BLUENRGQTR                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                 |
| DESCRIPTION                      | IC RF TXRX+MCU BLUETOOTH 32VFQFN                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| DATA SHEET                       |  <a href="#">BLUENRGQTR.pdf</a> |
| VOLTAGE - SUPPLY                 | 2 V ~ 3.6 V                                                                                                        |
| TYPE                             | TxRx + MCU                                                                                                         |
| SERIES                           | BlueNRG                                                                                                            |
| SERIAL INTERFACES                | SPI                                                                                                                |
| SENSITIVITY                      | -88dBm                                                                                                             |
| RF FAMILY/STANDARD               | Bluetooth                                                                                                          |
| PROTOCOL                         | Bluetooth v4.0                                                                                                     |
| POWER - OUTPUT                   | 8dBm                                                                                                               |
| PACKAGING                        | Cut Tape (CT)                                                                                                      |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                               |
| OTHER NAMES                      | 497-14338-1                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                      |
| MODULATION                       | GFSK                                                                                                               |
| MEMORY SIZE                      | 64kB Flash, 12kB RAM                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| FREQUENCY                        | 2.4GHz                                                                                                             |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU Bluetooth Bluetooth v4.0 2.4GHz 32-VFQFN Exposed Pad                                              |
| DATA RATE (MAX)                  | 1Mbps                                                                                                              |
| CURRENT - TRANSMITTING           | 5.8mA ~ 28.8mA                                                                                                     |
| CURRENT - RECEIVING              | 7.3mA ~ 14.5mA                                                                                                     |

**Related Tags**

|                               |                               |                                   |
|-------------------------------|-------------------------------|-----------------------------------|
| STMicroelectronics BLUENRGQTR | BLUENRGQTR Distributor        | BLUENRGQTR Supplier               |
| BLUENRGQTR Price              | BLUENRGQTR Pictures           | BLUENRGQTR Image                  |
| BLUENRGQTR PDF Datasheet      | BLUENRGQTR Download Datasheet | BLUENRGQTR Datasheet              |
| BLUENRGQTR Stock              | Buy BLUENRGQTR                | Buy STMicroelectronics BLUENRGQTR |
| STMicroelectronics BLUENRGQTR | STMicroelectronics Supplier   | STMicroelectronics Distributor    |
| STMicroelectronics BLUENRGQTR |                               |                                   |

**Related Products**

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                     |
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|  <p><b>BLUENRG-232</b></p> <p>Manufacturers: STMicroelectronics</p> <p>Description: BLUETOOTH LOW ENERGY WIRELESS</p> <p>In stock: Out stock</p> <p><a href="#">RFQ</a></p>    |  <p><b>BLUESWITCH</b></p> <p>Manufacturers: RF Solutions</p> <p>Description: BLUETOOTH DOOR CONTROLLER</p> <p>In stock: Out stock</p> <p><a href="#">RFQ</a></p>                 |
|  <p><b>BLUENRG-248</b></p> <p>Manufacturers: STMicroelectronics</p> <p>Description: BLUETOOTH® LOW ENERGY WIRELE</p> <p>In stock: Out stock</p> <p><a href="#">RFQ</a></p>     |  <p><b>BLUEWS61M</b></p> <p>Manufacturers: SCS</p> <p>Description: BLU ADJUST FABRIC WRISTBAND 6' CO</p> <p>In stock: Out stock</p> <p><a href="#">RFQ</a></p>                   |
|  <p><b>BLUENRG-CSP</b></p> <p>Manufacturers: STMicroelectronics</p> <p>Description: IC RF TXRX+MCU BLUETOOTH 34WLCSP</p> <p>In stock: Out stock</p> <p><a href="#">RFQ</a></p> |  <p><b>BLUENRG-MSCSP</b></p> <p>Manufacturers: STMicroelectronics</p> <p>Description: IC RF TXRX+MCU BLUETOOTH 34WLCSP</p> <p>In stock: Out stock</p> <p><a href="#">RFQ</a></p> |
|  <p><b>BLUEWS121M</b></p> <p>Manufacturers: SCS</p> <p>Description: BLU ADJUST FABRC WRISTBAND 12' CO</p> <p>In stock: Out stock</p> <p><a href="#">RFQ</a></p>                |  <p><b>BLUENRG-234</b></p> <p>Manufacturers: STMicroelectronics</p> <p>Description: BLUETOOTH LOW ENERGY WIRELESS</p> <p>In stock: Out stock</p> <p><a href="#">RFQ</a></p>      |
|  <p><b>BLUENRG-134</b></p> <p>Manufacturers: STMicroelectronics</p> <p>Description: IC RF TXRX+MCU BLUETOOTH 34WLCSP</p> <p>In stock: Out stock</p> <p><a href="#">RFQ</a></p> |  <p><b>BLUENRG-MSQTR</b></p> <p>Manufacturers: STMicroelectronics</p> <p>Description: IC RF TXRX+MCU BLUETOOTH 32VFQFN</p> <p>In stock: Out stock</p> <p><a href="#">RFQ</a></p> |
|  <p><b>BLUETOOTH-UART-1</b></p> <p>Manufacturers: Lumex, Inc.</p> <p>Description: ACCESSORY</p> <p>In stock: Out stock</p> <p><a href="#">RFQ</a></p>                          |  <p><b>BLUEWS</b></p> <p>Manufacturers: SCS</p> <p>Description: BLUE ADJUSTABLE FABRIC WRISTBAND</p> <p>In stock: Out stock</p> <p><a href="#">RFQ</a></p>                       |