



CSR PLC (Qualcomm)

### BC0401PC08-IXB-R

|                      |                                  |
|----------------------|----------------------------------|
| Part Number:         | BC0401PC08-IXB-R                 |
| Manufacturer/Brand:  | CSR PLC (Qualcomm)               |
| Product description: | IC RF TXRX+MCU BLUETOOTH 47WLCSP |
| Datasheets:          |                                  |
| RoHS Status:         | Lead free / RoHS Compliant       |
| Stock Condition:     | 30629 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 BC0401PC08-IXB-R

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | BC0401PC08-IXB-R  |
| MANUFACTURER                     | CSR PLC (Qualcomm)  |
| DESCRIPTION                      | IC RF TXRX+MCU BLUETOOTH 47WLCSP  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| QUANTITY AVAILABLE               | 30629 pcs   |
| DATA SHEET                       |   |
| VOLTAGE - SUPPLY                 | 2.2 V ~ 4.2 V   |
| TYPE                             | TxRx + MCU  |
| SERIES                           | BlueCore®   |
| SERIAL INTERFACES                | -   |
| SENSITIVITY                      | -86dBm  |
| RF FAMILY/STANDARD               | Bluetooth   |
| PROTOCOL                         | Bluetooth v2.1 +EDR, Class 2 and 3  |
| POWER - OUTPUT                   | 6dBm  |
| PACKAGING                        | Original-Reel®  |
| PACKAGE / CASE                   | 47-WLCSP  |
| OTHER NAMES                      | BC0401PC08-ICXB-RDKR<br>BC0401PC08-ICXB-RDKR-ND<br>BC0401PC08-IXB-RDKR        |
| OPERATING TEMPERATURE            | -40°C ~ 105°C   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)   |
| MODULATION                       | -   |
| MEMORY SIZE                      | 4MB ROM   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| FREQUENCY                        | 2.4GHz  |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU Bluetooth Bluetooth v2.1 +EDR, Class 2 and 3 2.4GHz 47-WLCSP |
| DATA RATE (MAX)                  | 3Mbps   |
| CURRENT - TRANSMITTING           | -   |
| CURRENT - RECEIVING              | -   |

#### Related Tags

|                                     |  |   |
|-------------------------------------|--|---|
| CSR PLC (Qualcomm) BC0401PC08-IXB-R | BC0401PC08-IXB-R Distributor           | BC0401PC08-IXB-R Supplier               |
| BC0401PC08-IXB-R Price              | BC0401PC08-IXB-R Pictures              | BC0401PC08-IXB-R Image                  |
| BC0401PC08-IXB-R PDF Datasheet      | BC0401PC08-IXB-R Download Datasheet    | BC0401PC08-IXB-R Datasheet              |
| BC0401PC08-IXB-R Stock              | Buy BC0401PC08-IXB-R                   | Buy CSR PLC (Qualcomm) BC0401PC08-IXB-R |
| CSR PLC (Qualcomm) BC0401PC08-IXB-R | CSR PLC (Qualcomm) Supplier            | CSR PLC (Qualcomm) Distributor          |
| CSR PLC (Qualcomm) BC0401PC08-IXB-R | CSR PLC BC0401PC08-IXB-R               | CSR PLC (Qualcomm) BC0401PC08-IXB-R     |
| Qualcomm BC0401PC08-IXB-R           | Qualcomm Incorporated BC0401PC08-IXB-R |   |

#### Related Products

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| <p><b>CC430F6135IRGCR</b><br/>Manufacturers: N/A<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 64-VFQFN<br/>In stock: 25966 pcs</p> <p><b>RFQ</b></p>                                | <p><b>AT86RF233-ZFR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 32-VFQFN<br/>In stock: 28344 pcs</p> <p><b>RFQ</b></p>           |
| <p><b>EFR32MG12P232F1024GL125-B</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: MIGHTY GECKO BGA125 2.4G 19DB ME<br/>In stock: 10396 pcs</p> <p><b>RFQ</b></p> | <p><b>ATSAMR21E18A-MF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 32-VFQFN<br/>In stock: 19367 pcs</p> <p><b>RFQ</b></p>      |
| <p><b>ATA5824C-PLQW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX ISM&lt;1GHZ 48-VFQFN<br/>In stock: 5381 pcs</p> <p><b>RFQ</b></p>             | <p><b>EFR32FG1P132F64GM32-B0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX+MCU ISM&gt;1GHZ 32-VFQFN<br/>In stock: 20047 pcs</p> <p><b>RFQ</b></p> |
| <p><b>SI4421-A1-FT</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC RF TXRX ISM&lt;1GHZ 16-TSSOP<br/>In stock: 13241 pcs</p> <p><b>RFQ</b></p>               | <p><b>CC1200RHBT</b><br/>Manufacturers: N/A<br/>Description: IC RF TXRX+MCU ISM&lt;1GHZ 32-VFQFN<br/>In stock: 26355 pcs</p> <p><b>RFQ</b></p>                                     |
| <p><b>AT86RF212-ZU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 32-VFQFN<br/>In stock: 17464 pcs</p> <p><b>RFQ</b></p>            | <p><b>ATMEGA64RFR2-ZUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 17452 pcs</p> <p><b>RFQ</b></p>        |
| <p><b>NRF24AP2-USBQ32-R</b><br/>Manufacturers: Nordic Semiconductor<br/>Description: IC RF TXRX ISM&gt;1GHZ 32-VFQFN<br/>In stock: 27891 pcs</p> <p><b>RFQ</b></p>                 | <p><b>SX1272IMLTRT</b><br/>Manufacturers: Semtech<br/>Description: IC RF TXRX 802.15.4 28VQFN<br/>In stock: 13767 pcs</p> <p><b>RFQ</b></p>  |