



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATMEGA64RFR2-ZFR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA64RFR2-ZFR                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC RF TXRX+MCU 802.15.4 48-VFQFN                                                                             |
| Datasheets:         |  1.ATMEGA64RFR2-ZFR.pdf     |
|                     |  2.ATMEGA64RFR2-ZFR.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 15863 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

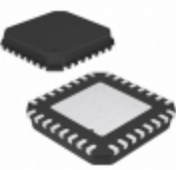
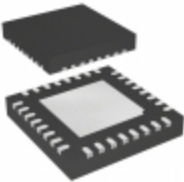
Specifications of ATMEGA64RFR2-ZFR

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA64RFR2-ZFR                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                              |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 48-VFQFN                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE               | 15863 pcs                                                                                                  |
| DATA SHEET                       |  1.ATMEGA64RFR2-ZFR.pdf |
|                                  |  2.ATMEGA64RFR2-ZFR.pdf |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                                                              |
| TYPE                             | TxRx + MCU                                                                                                 |
| SERIES                           | -                                                                                                          |
| SERIAL INTERFACES                | I²C, JTAG, SPI, USART                                                                                      |
| SENSITIVITY                      | -100dBm                                                                                                    |
| RF FAMILY/STANDARD               | 802.15.4                                                                                                   |
| PROTOCOL                         | Zigbee®                                                                                                    |
| POWER - OUTPUT                   | 3.5dBm                                                                                                     |
| PACKAGING                        | Cut Tape (CT)                                                                                              |
| PACKAGE / CASE                   | 48-VFQFN Exposed Pad                                                                                       |
| OTHER NAMES                      | ATMEGA64RFR2-ZFRCT                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                              |
| MODULATION                       | DSSS, O-QPSK                                                                                               |
| MEMORY SIZE                      | 64kB Flash, 2kB EEPROM, 8kB SRAM                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| GPIO                             | 35                                                                                                         |
| FREQUENCY                        | 2.4GHz                                                                                                     |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 48-VFQFN Exposed Pad                                              |
| DATA RATE (MAX)                  | 2Mbps                                                                                                      |
| CURRENT - TRANSMITTING           | 8mA ~ 14.5mA                                                                                               |
| CURRENT - RECEIVING              | 5mA ~ 12.5mA                                                                                               |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA64RFR2-ZFR | ATMEGA64RFR2-ZFR Distributor           | ATMEGA64RFR2-ZFR Supplier                               |
| ATMEGA64RFR2-ZFR Price                         | ATMEGA64RFR2-ZFR Pictures              | ATMEGA64RFR2-ZFR Image                                  |
| ATMEGA64RFR2-ZFR PDF Datasheet                 | ATMEGA64RFR2-ZFR Download Datasheet    | ATMEGA64RFR2-ZFR Datasheet                              |
| ATMEGA64RFR2-ZFR Stock                         | Buy ATMEGA64RFR2-ZFR                   | Buy Micrel / Microchip Technology ATMEGA64RFR2-ZFR      |
| Micrel / Microchip Technology ATMEGA64RFR2-ZFR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
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Related Products

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|  <div><b>ATMEGA64RZAPV-10AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 44-TQFP<br/>In stock: 18544 pcs<br/><div>RFQ</div></div> |  <div><b>ATMEGA64RFR2-ZF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: 17737 pcs<br/><div>RFQ</div></div>  |
|  <div><b>ATMEGA64RFR2-ZFR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN<br/>In stock: 15608 pcs<br/><div>RFQ</div></div>           |  <div><b>ATMEGA64RFR2-ZUR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 17365 pcs<br/><div>RFQ</div></div>          |
|  <div><b>ATMEGA64RFR2-ZU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 15915 pcs<br/><div>RFQ</div></div>   |  <div><b>ATMEGA64M1-15MZ</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 10155 pcs<br/><div>RFQ</div></div>               |
|  <div><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<br/><div>RFQ</div></div>  |  <div><b>ATMEGA64M1-MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 32VQFN<br/>In stock: 19622 pcs<br/><div>RFQ</div></div>       |
|  <div><b>ATMEGA64RZAPV-10MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 44-TQFP<br/>In stock: 17879 pcs<br/><div>RFQ</div></div> |  <div><b>ATMEGA64M1-AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 32TQFP<br/>In stock: 19881 pcs<br/><div>RFQ</div></div>       |
|  <div><b>ATMEGA64M1-15MZ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 3037 pcs<br/><div>RFQ</div></div>        |  <div><b>ATMEGA64RZAV-10AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 44-TQFP<br/>In stock: 17757 pcs<br/><div>RFQ</div></div> |