

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

ATMEGA256RFR2-ZUR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA256RFR2-ZUR                                                                                            |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC RF TXRX+MCU 802.15.4 64-VFQFN                                                                             |
|                     |  1.ATMEGA256RFR2-ZUR.pdf    |
|                     |  2.ATMEGA256RFR2-ZUR.pdf    |
|                     |  3.ATMEGA256RFR2-ZUR.pdf    |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 19751 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

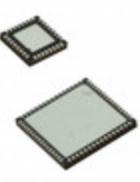
Specifications of ATMEGA256RFR2-ZUR

|                                  |                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ATMEGA256RFR2-ZUR                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 64-VFQFN                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                |
| QUANTITY AVAILABLE               | 19751 pcs                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.ATMEGA256RFR2-ZUR.pdf<br> 2.ATMEGA256RFR2-ZUR.pdf<br> 3.ATMEGA256RFR2-ZUR.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                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                      |
| OTHER NAMES                      | ATMEGA256RFR2-ZURTR<br>ATMEGA256RFR2ZUR                                                                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                                                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                             |
| MODULATION                       | DSSS, O-QPSK                                                                                                                                                                                                                                                                                                                              |
| MEMORY SIZE                      | 256kB Flash, 8kB EEPROM, 32kB 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 64-VFQFN Exposed Pad                                                                                                                                                                                                                                                                             |
| DATA RATE (MAX)                  | 2Mbps                                                                                                                                                                                                                                                                                                                                     |
| CURRENT - TRANSMITTING           | 8mA ~ 14.5mA                                                                                                                                                                                                                                                                                                                              |
| CURRENT - RECEIVING              | 5mA ~ 12.5mA                                                                                                                                                                                                                                                                                                                              |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA256RFR2-ZUR | ATMEGA256RFR2-ZUR Distributor          | ATMEGA256RFR2-ZUR Supplier                               |
| ATMEGA256RFR2-ZUR Price                         | ATMEGA256RFR2-ZUR Pictures             | ATMEGA256RFR2-ZUR Image                                  |
| ATMEGA256RFR2-ZUR PDF Datasheet                 | ATMEGA256RFR2-ZUR Download Datasheet   | ATMEGA256RFR2-ZUR Datasheet                              |
| ATMEGA256RFR2-ZUR Stock                         | Buy ATMEGA256RFR2-ZUR                  | Buy Micrel / Microchip Technology ATMEGA256RFR2-ZUR      |
| Micrel / Microchip Technology ATMEGA256RFR2-ZUR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology ATMEGA256RFR2-ZUR | Microchip Technology ATMEGA256RFR2-ZUR | Roving Networks / Microchip Technology ATMEGA256RFR2-ZUR |

Related Products

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|  <div><b>ATMEGA256RFR2-XSTK</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: XPLAINED PRO STARTER KIT<br/>In stock: 607 pcs</div> <div>RFQ</div>          |  <div><b>ATMEGA32-16AI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 4628 pcs</div> <div>RFQ</div>        |
|  <div><b>ATMEGA256RFR2-ZF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 28926 pcs</div> <div>RFQ</div>  |  <div><b>ATMEGA256RZBV-8AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 100-TQFP<br/>In stock: 8761 pcs</div> <div>RFQ</div> |
|  <div><b>ATMEGA256RFR2-ZFR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 18520 pcs</div> <div>RFQ</div> |  <div><b>ATMEGA256RZAV-8AU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 64-TQFP<br/>In stock: 9294 pcs</div> <div>RFQ</div>  |
|  <div><b>ATMEGA256RFR2-XPRO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: XPLAINED PRO EVAL KIT<br/>In stock: 1424 pcs</div> <div>RFQ</div>            |  <div><b>ATMEGA32-16AC</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 44TQFP<br/>In stock: 3237 pcs</div> <div>RFQ</div>        |
|  <div><b>ATMEGA256RFR2-ZU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 18768 pcs</div> <div>RFQ</div>  |  <div><b>ATMEGA256RFR2-ZFR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 16695 pcs</div> <div>RFQ</div>         |
|  <div><b>ATMEGA256RZBV-8CU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 100TFBGA<br/>In stock: 8108 pcs</div> <div>RFQ</div>  |  <div><b>ATMEGA256RZAV-8MU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 64-VFQFN<br/>In stock: 6301 pcs</div> <div>RFQ</div> |