



Microchip Technology



ATMEGA1284RFR2-ZFR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ATMEGA1284RFR2-ZFR                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC RF TXRX+MCU 802.15.4 48-VFQFN                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6433 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 ATMEGA1284RFR2-ZFR

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| PART NUMBER                      | ATMEGA1284RFR2-ZFR                                            |
| MANUFACTURER                     | Microchip Technology                                          |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 48-VFQFN                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                    |
| QUANTITY AVAILABLE               | 6433 pcs                                                      |
| DATA SHEET                       |                                                               |
| WRITABLE MEMORY                  | 8mA ~ 14.5mA                                                  |
| VOLTAGE - OUTPUT                 | 3.5dBm                                                        |
| VOLTAGE - INPUT (MIN)            | I²C, JTAG, SPI, USART                                         |
| TYPE                             | TxRx + MCU                                                    |
| SOFTWARE                         | 128kB Flash, 4kB EEPROM, 16kB SRAM                            |
| SIGNAL CONDITIONING              | 2Mbps                                                         |
| SHELL STYLE                      | 1.8 V ~ 3.6 V                                                 |
| SERIES                           | -                                                             |
| SENSITIVITY                      | -100dBm                                                       |
| ROHS STATUS                      | Tape & Reel (TR)                                              |
| POLARIZATION                     | 48-VFQFN Exposed Pad                                          |
| OTHER NAMES                      | 1611-ATMEGA1284RFR2-ZFRTR                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                 |
| MODULATION                       | 802.15.4                                                      |
| MASTER FCLK                      | Zigbee®                                                       |
| MANUFACTURER PART NUMBER         | ATMEGA1284RFR2-ZFR                                            |
| GPIO                             | O-QPSK                                                        |
| FREQUENCY                        | 2.4GHz                                                        |
| EXPANDED DESCRIPTION             | IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 48-VFQFN Exposed Pad |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 48-VFQFN                              |
| CURRENT - TRANSMITTING           | 32                                                            |
| ANTENNA CONNECTOR                | 5mA ~ 12.5mA                                                  |

Related Tags

|                                                  |                                         |                                                           |
|--------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|
| Micrel / Microchip Technology ATMEGA1284RFR2-ZFR | ATMEGA1284RFR2-ZFR Distributor          | ATMEGA1284RFR2-ZFR Supplier                               |
| ATMEGA1284RFR2-ZFR Price                         | ATMEGA1284RFR2-ZFR Pictures             | ATMEGA1284RFR2-ZFR Image                                  |
| ATMEGA1284RFR2-ZFR PDF Datasheet                 | ATMEGA1284RFR2-ZFR Download Datasheet   | ATMEGA1284RFR2-ZFR Datasheet                              |
| ATMEGA1284RFR2-ZFR Stock                         | Buy ATMEGA1284RFR2-ZFR                  | Buy Micrel / Microchip Technology ATMEGA1284RFR2-ZFR      |
| Micrel / Microchip Technology ATMEGA1284RFR2-ZFR | Micrel / Microchip Technology Supplier  | Micrel / Microchip Technology Distributor                 |
| Micrel / Microchip Technology ATMEGA1284RFR2-ZFR | Microchip Technology ATMEGA1284RFR2-ZFR | Roving Networks / Microchip Technology ATMEGA1284RFR2-ZFR |

Related Products

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| <div></div> <div>ATMEGA1284RFR2-ZFR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN</div> <div>In stock: 18614 pcs</div> <div>RFQ</div> | <div></div> <div>ATMEGA1284RZAP-AU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4</div> <div>In stock: 6683 pcs</div> <div>RFQ</div>           |
| <div></div> <div>ATMEGA1284RFR2-ZU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN</div> <div>In stock: 15723 pcs</div> <div>RFQ</div>  | <div></div> <div>ATMEGA1284PR231-MU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4/ISM QFN</div> <div>In stock: 6148 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ATMEGA1284RFR2-ZUR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN</div> <div>In stock: 17940 pcs</div> <div>RFQ</div> | <div></div> <div>ATMEGA1284RFR2-ZF</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN</div> <div>In stock: 18484 pcs</div> <div>RFQ</div> |
| <div></div> <div>ATMEGA128A-AN</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 8BIT 128KB FLASH 64TQFP</div> <div>In stock: 17874 pcs</div> <div>RFQ</div>        | <div></div> <div>ATMEGA1284PR231-AU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4 44-TQFP</div> <div>In stock: 6831 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ATMEGA1284RFR2-ZUR</div> <div>Manufacturers: Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN</div> <div>In stock: 18822 pcs</div> <div>RFQ</div>          | <div></div> <div>ATMEGA1284PR212-MU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4/ISM QFN</div> <div>In stock: 5737 pcs</div> <div>RFQ</div>  |
| <div></div> <div>ATMEGA1284RZAP-MU</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4</div> <div>In stock: 3614 pcs</div> <div>RFQ</div>            | <div></div> <div>ATMEGA1284RFR2-ZF</div> <div>Manufacturers: Microchip Technology</div> <div>Description: IC RF TXRX+MCU 802.15.4 48-VFQFN</div> <div>In stock: 19418 pcs</div> <div>RFQ</div>          |