



Micrel / Microchip Technology

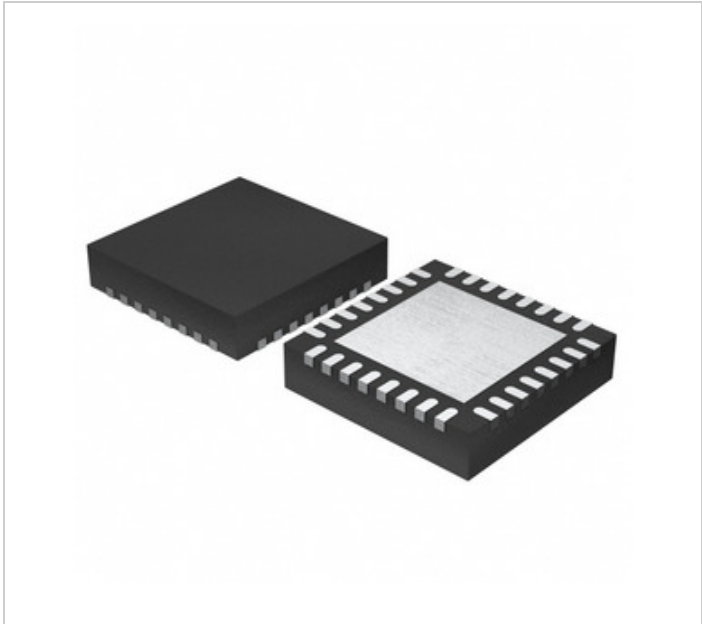


Image may be representation. See specifications for product details.

AT86RF233-ZFR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AT86RF233-ZFR                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC RF TXRX+MCU 802.15.4 32-VFQFN                                                                             |
| Datasheets:         |  AT86RF233-ZFR.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

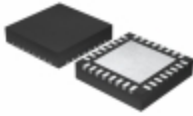
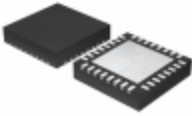
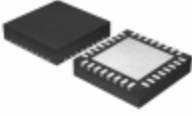
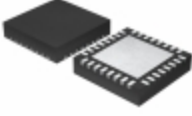
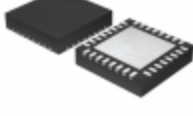
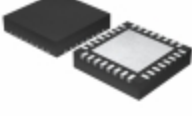
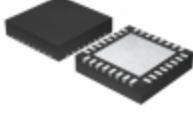
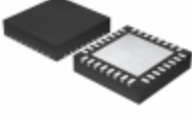
Specifications of AT86RF233-ZFR

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AT86RF233-ZFR                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC RF TXRX+MCU 802.15.4 32-VFQFN                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  AT86RF233-ZFR.pdf |
| VOLTAGE - SUPPLY                 | 1.8 V ~ 3.6 V                                                                                         |
| TYPE                             | TxRx + MCU                                                                                            |
| SERIES                           | -                                                                                                     |
| SERIAL INTERFACES                | SPI                                                                                                   |
| SENSITIVITY                      | -101dBm                                                                                               |
| RF FAMILY/STANDARD               | 802.15.4, General ISM > 1GHz                                                                          |
| PROTOCOL                         | 6LoWPAN, Zigbee®                                                                                      |
| POWER - OUTPUT                   | 4dBm                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                  |
| OTHER NAMES                      | AT86RF233-ZFRTR                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                         |
| MODULATION                       | O-QPSK                                                                                                |
| MEMORY SIZE                      | 128B SRAM                                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| FREQUENCY                        | 2.4GHz                                                                                                |
| DETAILED DESCRIPTION             | IC RF TxRx + MCU 802.15.4, General ISM > 1GHz 6LoWPAN, Zigbee® 2.4GHz 32-VFQFN Exposed Pad            |
| DATA RATE (MAX)                  | 2Mbps                                                                                                 |
| CURRENT - TRANSMITTING           | 7.2mA ~ 13.8mA                                                                                        |
| CURRENT - RECEIVING              | 11.3mA ~ 11.8mA                                                                                       |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology AT86RF233-ZFR | AT86RF233-ZFR Distributor              | AT86RF233-ZFR Supplier                               |
| AT86RF233-ZFR Price                         | AT86RF233-ZFR Pictures                 | AT86RF233-ZFR Image                                  |
| AT86RF233-ZFR PDF Datasheet                 | AT86RF233-ZFR Download Datasheet       | AT86RF233-ZFR Datasheet                              |
| AT86RF233-ZFR Stock                         | Buy AT86RF233-ZFR                      | Buy Micrel / Microchip Technology AT86RF233-ZFR      |
| Micrel / Microchip Technology AT86RF233-ZFR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology AT86RF233-ZFR | Microchip Technology AT86RF233-ZFR     | Roving Networks / Microchip Technology AT86RF233-ZFR |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>AT86RF232-ZX</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 32-VFQFN<br/>In stock: Out stock</div> <div>RFQ</div>   |  <div><b>AT86RF233-ZUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 32-VFQFN<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>AT86RF401E-EK1</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: KIT DEMO MICRO TX EVAL 433MHZ<br/>In stock: Out stock</div> <div>RFQ</div>    |  <div><b>AT86RF233-ZUS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 32-VFQFN<br/>In stock: Out stock</div> <div>RFQ</div>  |
|  <div><b>AT86RF401U-6GS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MICRO TRANSM RF W/AVR 20TSSOP<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>AT86RF233-ZF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 32-VFQFN<br/>In stock: 424 pcs</div> <div>RFQ</div>     |
|  <div><b>AT86RF231-ZU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 32-VFQFN<br/>In stock: Out stock</div> <div>RFQ</div>   |  <div><b>AT86RF401E-6GS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MICRO TRANSM RF W/AVR 20TSSOP<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>AT86RF233-ZFR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 32-VFQFN<br/>In stock: Out stock</div> <div>RFQ</div>           |  <div><b>AT86RF233-ZU</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 32-VFQFN<br/>In stock: Out stock</div> <div>RFQ</div>   |
|  <div><b>AT86RF232-ZXR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 32-VFQFN<br/>In stock: Out stock</div> <div>RFQ</div>  |  <div><b>AT86RF231-ZUR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC RF TXRX+MCU 802.15.4 32-VFQFN<br/>In stock: Out stock</div> <div>RFQ</div>  |