

**AT86RF231-ZU Information**


For Reference Only

**Part Number** [AT86RF231-ZU](#)  
**Manufacturer** Microchip Technology  
**Category** RF/IF and RFID  
[RF Transceiver ICs](#)  
**Description** IC RF TXRX+MCU 802.15.4 32-VFQFN  
**Package** 32-VFQFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**AT86RF231-ZU Specifications**

|                          |                                                      |
|--------------------------|------------------------------------------------------|
| Manufacturer Part Number | <a href="#">AT86RF231-ZU</a>                         |
| Manufacturer             | Microchip Technology                                 |
| Category                 | RF/IF and RFID<br><a href="#">RF Transceiver ICs</a> |
| Package                  | 32-VFQFN Exposed Pad                                 |
| Series                   | -                                                    |
| Type                     | TxRx + MCU                                           |
| RF Family/Standard       | 802.15.4, General ISM > 1GHz                         |
| Protocol                 | 6LoWPAN, WirelessHART?, Zigbee?                      |
| Modulation               | O-QPSK                                               |
| Frequency                | 2.4GHz                                               |
| Data Rate (Max)          | 2Mbps                                                |
| Power - Output           | 3dBm                                                 |
| Sensitivity              | -101dBm                                              |
| Memory Size              | 128B SRAM                                            |
| Serial Interfaces        | SPI                                                  |
| GPIO                     | -                                                    |
| Voltage - Supply         | 1.8 V ~ 3.6 V                                        |
| Current - Receiving      | 10.3mA ~ 12.3mA                                      |
| Current - Transmitting   | 7.4mA ~ 14mA                                         |
| Operating Temperature    | -40°C ~ 85°C                                         |
| Package / Case           | 32-VFQFN Exposed Pad                                 |

[Report errors?](#)

## AT86RF231-ZU Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## AT86RF231-ZU Payment Methods



## AT86RF231-ZU Shipping Methods



If you have any question about AT86RF231-ZU, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)