

**ATMEGA2560R231-AU Information**


For Reference Only

**Part Number** [ATMEGA2560R231-AU](#)  
**Manufacturer** Microchip Technology  
**Category** RF/IF and RFID  
[RF Transceiver ICs](#)  
**Description** IC RF TXRX+MCU 802.15.4 100-TQFP  
**Package** 100-TQFP  
 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.


**ATMEGA2560R231-AU Specifications**

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <a href="#">ATMEGA2560R231-AU</a>                    |
| Manufacturer             | Microchip Technology                                 |
| Category                 | RF/IF and RFID<br><a href="#">RF Transceiver ICs</a> |
| Package                  | 100-TQFP   |
| 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              | 256kB Flash, 4kB EEPROM, 8kB RAM                     |
| Serial Interfaces        | SPI  |
| GPIO                     | 86   |
| 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           | 100-TQFP   |

[Report errors?](#)

## ATMEGA2560R231-AU 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.

## ATMEGA2560R231-AU Payment Methods



## ATMEGA2560R231-AU Shipping Methods



If you have any question about ATMEGA2560R231-AU, please do not hesitate to contact us!

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