

ATMEGA1281R231-AU Information


For Reference Only

Part Number [ATMEGA1281R231-AU](#)
Manufacturer Microchip Technology
Category RF/IF and RFID
[RF Transceiver ICs](#)
Description IC RF TXRX+MCU 802.15.4/ISM QFN
Package 64-TQFP, 32-QFN
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


ATMEGA1281R231-AU Specifications

| | |
|--------------------------|--|
| Manufacturer Part Number | ATMEGA1281R231-AU |
| Manufacturer | Microchip Technology |
| Category | RF/IF and RFID RF Transceiver ICs |
| Package | 64-TQFP, 32-QFN |
| 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 | 128kB Flash, 4kB EEPROM, 8kB RAM |
| Serial Interfaces | SPI |
| GPIO | 54 |
| 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 | 64-TQFP, 32-QFN |

[Report errors?](#)

ATMEGA1281R231-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.

ATMEGA1281R231-AU Payment Methods



ATMEGA1281R231-AU Shipping Methods



If you have any question about ATMEGA1281R231-AU, please do not hesitate to contact us!

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