

ATMEGA1280R231-AU Information


For Reference Only

Part Number [ATMEGA1280R231-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


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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.


ATMEGA1280R231-AU Specifications

Manufacturer Part Number	ATMEGA1280R231-AU
Manufacturer	Microchip Technology
Category	RF/IF and RFID RF Transceiver ICs
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	128kB 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?](#)

ATMEGA1280R231-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.

ATMEGA1280R231-AU Payment Methods



ATMEGA1280R231-AU Shipping Methods



If you have any question about ATMEGA1280R231-AU, please do not hesitate to contact us!

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