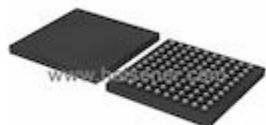


**ATMEGA1280R212-CU Information**


For Reference Only

**Part Number** [ATMEGA1280R212-CU](#)  
**Manufacturer** Microchip Technology  
**Category** RF/IF and RFID  
[RF Transceiver ICs](#)  
**Description** IC RF TXRX+MCU 802.15.4 100TFBGA  
**Package** 100-TFBGA  
 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.


**ATMEGA1280R212-CU Specifications**

Manufacturer Part Number	<a href="#">ATMEGA1280R212-CU</a>
Manufacturer	Microchip Technology
Category	RF/IF and RFID <a href="#">RF Transceiver ICs</a>
Package	100-TFBGA
Series	-
Type	TxRx + MCU
RF Family/Standard	802.15.4, General ISM < 1GHz
Protocol	6LoWPAN, Zigbee?
Modulation	DSSS, BPSK, O-QPSK
Frequency	769MHz ~ 935MHz
Data Rate (Max)	1Mbps
Power - Output	10dBm
Sensitivity	-110dBm
Memory Size	128kB Flash, 4kB EEPROM, 8kB RAM
Serial Interfaces	SPI
GPIO	86
Voltage - Supply	1.8 V ~ 3.6 V
Current - Receiving	8.7mA ~ 9.2mA
Current - Transmitting	13mA ~ 25mA
Operating Temperature	-40°C ~ 85°C
Package / Case	100-TFBGA

[Report errors?](#)

## ATMEGA1280R212-CU 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.

## ATMEGA1280R212-CU Payment Methods



## ATMEGA1280R212-CU Shipping Methods



If you have any question about ATMEGA1280R212-CU, please do not hesitate to contact us!

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

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