

**ATMEGA644PR231-MU Information**


For Reference Only

**Part Number** [ATMEGA644PR231-MU](#)  
**Manufacturer** Microchip Technology  
**Category** RF/IF and RFID  
[RF Transceiver ICs](#)  
**Description** IC RF TXRX+MCU 802.15.4/ISM  
**Package** 44-QFN, 32-QFN  
 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.


**ATMEGA644PR231-MU Specifications**

Manufacturer Part Number	<a href="#">ATMEGA644PR231-MU</a>
Manufacturer	Microchip Technology
Category	RF/IF and RFID <a href="#">RF Transceiver ICs</a>
Package	44-QFN, 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	64kB Flash, 2kB EEPROM, 4kB RAM
Serial Interfaces	SPI
GPIO	32
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	44-QFN, 32-QFN

[Report errors?](#)

## ATMEGA644PR231-MU 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.

## ATMEGA644PR231-MU Payment Methods



## ATMEGA644PR231-MU Shipping Methods



If you have any question about ATMEGA644PR231-MU, please do not hesitate to contact us!

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