

ATMEGA644PR212-MU Information


For Reference Only

Part Number [ATMEGA644PR212-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



[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.


ATMEGA644PR212-MU Specifications

Manufacturer Part Number	ATMEGA644PR212-MU
Manufacturer	Microchip Technology
Category	RF/IF and RFID RF Transceiver ICs
Package	44-QFN, 32-QFN
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	64kB Flash, 2kB EEPROM, 4kB RAM
Serial Interfaces	SPI
GPIO	32
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	44-QFN, 32-QFN

[Report errors?](#)

ATMEGA644PR212-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.

ATMEGA644PR212-MU Payment Methods



ATMEGA644PR212-MU Shipping Methods



If you have any question about ATMEGA644PR212-MU, please do not hesitate to contact us!

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