

EM3588-RTR Information


For Reference Only

Part Number [EM3588-RTR](#)
Manufacturer Silicon Labs
Category RF/IF and RFID
[RF Transceiver ICs](#)
Description IC RF TXRX+MCU 802.15.4 48-VFQFN
Package 48-VFQFN Exposed Pad
 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.


EM3588-RTR Specifications

Manufacturer Part Number	EM3588-RTR
Manufacturer	Silicon Labs
Category	RF/IF and RFID RF Transceiver ICs
Package	48-VFQFN Exposed Pad
Series	-
Type	TxRx + MCU
RF Family/Standard	802.15.4
Protocol	Zigbee?
Modulation	O-QPSK
Frequency	2.4GHz
Data Rate (Max)	12Mbps
Power - Output	8dBm
Sensitivity	-102dBm
Memory Size	512kB Flash, 64kB RAM
Serial Interfaces	I2C, JTAG, SPI, UART, USB
GPIO	24
Voltage - Supply	2.1 V ~ 3.6 V
Current - Receiving	23.5mA ~ 30mA
Current - Transmitting	24mA ~ 45mA
Operating Temperature	-40°C ~ 85°C
Package / Case	48-VFQFN Exposed Pad

[Report errors?](#)

EM3588-RTR 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.

EM3588-RTR Payment Methods



EM3588-RTR Shipping Methods



If you have any question about EM3588-RTR, please do not hesitate to contact us!

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