



### **EM3595-RTR Information**



For Reference Only

Part Number EM3595-RTR

Manufacturer Silicon Labs

Category RF/IF and RFID
RF Transceiver ICs

**Description** IC RF TXRX+MCU 802.15.4 56-VFQFN

Package 56-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.









## **EM3595-RTR Specifications**

Manufacturer Part Number	EM3595-RTR
Manufacturer	Silicon Labs
Category	RF/IF and RFID
	RF Transceiver ICs
Package	56-VFQFN Exposed Pad
Series	-
Туре	TxRx + MCU
RF Family/Standard	802.15.4
Protocol	Zigbee?
Modulation	O-QPSK
Frequency	2.4GHz
Data Rate (Max)	5Mbps
Power - Output	8dBm
Sensitivity	-102dBm
Memory Size	512kB Flash, 32kB RAM
Serial Interfaces	I2C, JTAG, SPI, UART
GPIO	32
Voltage - Supply	2.1 V ~ 3.6 V
Current - Receiving	23.5mA ~ 29.5mA
Current - Transmitting	24mA ~ 44mA
Operating Temperature	-40°C ~ 85°C
Package / Case	56-VFQFN Exposed Pad
	Report errors?

#### **EM3595-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.

# **EM3595-RTR Payment Methods**



















### **EM3595-RTR Shipping Methods**













If you have any question about EM3595-RTR, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com