





Energy Micro (Silicon Labs)


## EM357-RTR

Part Number:	EM357-RTR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC RF TXRX+MCU 802.15.4 48-VFQFN
Datasheets:	 EM357-RTR.pdf
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	9137 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

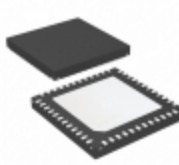
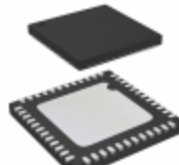
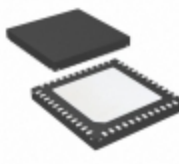


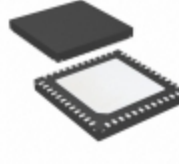
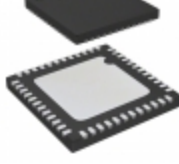


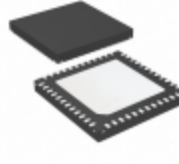


## Specifications of EM357-RTR

PART NUMBER	EM357-RTR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU 802.15.4 48-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9137 pcs
DATA SHEET	 EM357-RTR.pdf
VOLTAGE - SUPPLY	2.1 V ~ 3.6 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I <sup>2</sup> C, JTAG, SPI, UART
SENSITIVITY	-102dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	Zigbee®
POWER - OUTPUT	8dBm
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	636-1011-1
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	O-QPSK
MEMORY SIZE	192kB Flash, 12kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	24
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	5Mbps
CURRENT - TRANSMITTING	21.5mA ~ 43.5mA
CURRENT - RECEIVING	22mA ~ 28.5mA

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## Related Products

 <p><b>EM357-RT</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 9603 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>EM3581-RT</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 8159 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>EM357-RTB</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 3662 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>EM357-STACK-LR</b> Manufacturers: Energy Micro (Silicon Labs) Description: BOARD STACK LR EM357 PA MOD/BO In stock: 667 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>EM357-MOD-LR-ANT-T</b> Manufacturers: Energy Micro (Silicon Labs) Description: RF TXRX MODULE 802.15.4 CHIP ANT In stock: 1559 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>EM357-ZRT</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 16314 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>EM3581-RTR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 8148 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>EM357-MOD-LR-RF-C</b> Manufacturers: Energy Micro (Silicon Labs) Description: RF TXRX MODULE 802.15.4 In stock: 3915 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>EM357-STACK</b> Manufacturers: Energy Micro (Silicon Labs) Description: BOARD STACK EM357 MOD &amp; BREAKOUT In stock: 691 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>EM357-ZRTR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 21609 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>EM357-MOD-LR-RF-TK</b> Manufacturers: Energy Micro (Silicon Labs) Description: RF TXRX MODULE 802.15.4 In stock: 2108 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>EM357-MOD-RF-C</b> Manufacturers: Energy Micro (Silicon Labs) Description: RF TXRX MODULE 802.15.4 In stock: 2031 pcs</p> <p><a href="#">RFQ</a></p>