



SILICON LABS

Energy Micro (Silicon Labs)



EM3591-RTR

Part Number:	EM3591-RTR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC RF TXRX+MCU 802.15.4 56-VFQFN
Datasheets:	 1.EM3591-RTR.pdf
	 2.EM3591-RTR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	18453 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

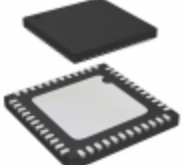
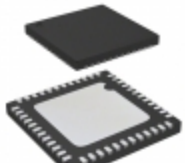
Specifications of EM3591-RTR

PART NUMBER	EM3591-RTR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU 802.15.4 56-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	18453 pcs
DATA SHEET	 1.EM3591-RTR.pdf  2.EM3591-RTR.pdf
VOLTAGE - SUPPLY	2.1 V ~ 3.6 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I²C, JTAG, SPI, UART
SENSITIVITY	-102dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	Zigbee®
POWER - OUTPUT	8dBm
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	56-VFQFN Exposed Pad
OTHER NAMES	336-3217-2
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	O-QPSK
MEMORY SIZE	256kB Flash, 32kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	32
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 56-VFQFN Exposed Pad
DATA RATE (MAX)	5Mbps
CURRENT - TRANSMITTING	24mA ~ 44mA
CURRENT - RECEIVING	23.5mA ~ 29.5mA

Related Tags

Energy Micro (Silicon Labs) EM3591-RTR	EM3591-RTR Distributor	EM3591-RTR Supplier
EM3591-RTR Price	EM3591-RTR Pictures	EM3591-RTR Image
EM3591-RTR PDF Datasheet	EM3591-RTR Download Datasheet	EM3591-RTR Datasheet
EM3591-RTR Stock	Buy EM3591-RTR	Buy Energy Micro (Silicon Labs) EM3591-RTR
Energy Micro (Silicon Labs) EM3591-RTR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EM3591-RTR	Energy Micro EM3591-RTR	Energy Micro (Silicon Labs) EM3591-RTR
Silicon Laboratories EM3591-RTR	Silicon Labs EM3591-RTR	

Related Products

 EM3591-RT Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 13455 pcs RFQ	 EM3592-RT Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 9975 pcs RFQ
 EM3588-STACK-LR Manufacturers: Energy Micro (Silicon Labs) Description: BREADBOARD STACKUP EM3588 PA/LNA In stock: 6227 pcs RFQ	 EM3588-RTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 8194 pcs RFQ
 EM3588-STACK Manufacturers: Energy Micro (Silicon Labs) Description: BREADBOARD STAC-KUP EM3588 RCM In stock: 5693 pcs RFQ	 EM3588-MLR-RF-C Manufacturers: Energy Micro (Silicon Labs) Description: RF TXRX MODULE 802.15.4 In stock: 2759 pcs RFQ
 EM3588-RT Manufacturers: Energy Micro (Silicon Labs) Description: RF IC'S + MODULES IEEE 802.15.4 In stock: 9404 pcs RFQ	 EM359303VC Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 3POS VERT 3.81MM In stock: 124618 pcs RFQ
 EM3592-RTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 16580 pcs RFQ	 EM359303HC Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 3POS 90DEG 3.81MM In stock: 101048 pcs RFQ
 EM359302HC Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 2POS 90DEG 3.81MM In stock: 155040 pcs RFQ	 EM359302VC Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 2POS VERT 3.81MM In stock: 144835 pcs RFQ