



Energy Micro (Silicon Labs)



EM3591-RT

Part Number:	EM3591-RT
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC RF TXRX+MCU 802.15.4 56-VFQFN
Datasheets:	 EM3591-RT.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	13455 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

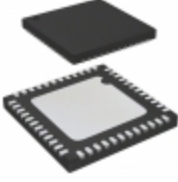
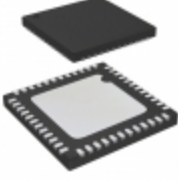
Specifications of EM3591-RT

PART NUMBER	EM3591-RT
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	13455 pcs
DATA SHEET	 EM3591-RT.pdf
VOLTAGE - SUPPLY	2.1 V ~ 3.6 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I ² C, JTAG, SPI, UART
SENSITIVITY	-102dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	Zigbee®
POWER - OUTPUT	8dBm
PACKAGING	Tray
PACKAGE / CASE	56-VFQFN Exposed Pad
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-RT	EM3591-RT Distributor	EM3591-RT Supplier
EM3591-RT Price	EM3591-RT Pictures	EM3591-RT Image
EM3591-RT PDF Datasheet	EM3591-RT Download Datasheet	EM3591-RT Datasheet
EM3591-RT Stock	Buy EM3591-RT	Buy Energy Micro (Silicon Labs) EM3591-RT
Energy Micro (Silicon Labs) EM3591-RT	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EM3591-RT	Energy Micro EM3591-RT	Energy Micro (Silicon Labs) EM3591-RT
Silicon Laboratories EM3591-RT	Silicon Labs EM3591-RT	

Related Products

 EM3588-STACK Manufacturers: Energy Micro (Silicon Labs) Description: BREADBOARD STAC-KUP EM3588 RCM In stock: 5693 pcs RFQ	 EM359302HC Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 2POS 90DEG 3.81MM In stock: 155040 pcs RFQ
 EM3588-RTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 8194 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-RT Manufacturers: Energy Micro (Silicon Labs) Description: RF IC'S + MODULES IEEE 802.15.4 In stock: 9404 pcs RFQ	 EM359303HC Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 3POS 90DEG 3.81MM In stock: 101048 pcs RFQ
 EM3592-RTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 16580 pcs RFQ	 EM3588-STACK-LR Manufacturers: Energy Micro (Silicon Labs) Description: BREADBOARD STACKUP EM3588 PA/LNA In stock: 6227 pcs RFQ
 EM3588-MLR-RF-C Manufacturers: Energy Micro (Silicon Labs) Description: RF TXRX MODULE 802.15.4 In stock: 2759 pcs RFQ	 EM3591-RTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 18453 pcs RFQ
 EM3588-MLR-AN-C-K Manufacturers: Energy Micro (Silicon Labs) Description: RF TXRX MODULE 802.15.4 CHIP ANT In stock: 2255 pcs RFQ	 EM359302VC Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 2POS VERT 3.81MM In stock: 144835 pcs RFQ