



SILICON LABS

Energy Micro (Silicon Labs)



EM3596-RT

Part Number:	EM3596-RT
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC RF TXRX+MCU 802.15.4 56-VFQFN
	 1.EM3596-RT.pdf
	 2.EM3596-RT.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	8593 pcs stock
Stock Condition	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

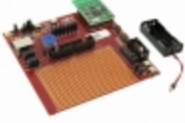
Specifications of EM3596-RT

PART NUMBER	EM3596-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	8593 pcs
DATA SHEET	 1.EM3596-RT.pdf  2.EM3596-RT.pdf
VOLTAGE - SUPPLY	2.1 V ~ 3.6 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I²C, JTAG, SPI, UART, USB
SENSITIVITY	-102dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	Zigbee®
POWER - OUTPUT	8dBm
PACKAGING	Tube
PACKAGE / CASE	56-VFQFN Exposed Pad
OTHER NAMES	336-3220
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	O-QPSK
MEMORY SIZE	512kB 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)	12Mbps
CURRENT - TRANSMITTING	24mA ~ 44mA
CURRENT - RECEIVING	23.5mA ~ 29.5mA

Related Tags

Energy Micro (Silicon Labs) EM3596-RT	EM3596-RT Distributor	EM3596-RT Supplier
EM3596-RT Price	EM3596-RT Pictures	EM3596-RT Image
EM3596-RT PDF Datasheet	EM3596-RT Download Datasheet	EM3596-RT Datasheet
EM3596-RT Stock	Buy EM3596-RT	Buy Energy Micro (Silicon Labs) EM3596-RT
Energy Micro (Silicon Labs) EM3596-RT	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EM3596-RT	Energy Micro EM3596-RT	Energy Micro (Silicon Labs) EM3596-RT
Silicon Laboratories EM3596-RT	Silicon Labs EM3596-RT	

Related Products

 Powering Business Worldwide EM359306VC Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 6POS VERT 3.81MM In stock: 68568 pcs RFQ	 EM3598-STACK-LR Manufacturers: Energy Micro (Silicon Labs) Description: BOARD STACK RADIO BD+EM35X PA In stock: 2729 pcs RFQ
 SILICON LABS EM3598-RTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 16796 pcs RFQ	 SILICON LABS EM3597-RT Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 9680 pcs RFQ
 SILICON LABS EM3596-RTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 15885 pcs RFQ	 SILICON LABS EM3595-RTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 14519 pcs RFQ
 Powering Business Worldwide EM359307VC Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 7POS VERT 3.81MM In stock: 52165 pcs RFQ	 Powering Business Worldwide EM359310HC Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 10POS 3.81MM In stock: 46401 pcs RFQ
 SILICON LABS EM3595-RT Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 7824 pcs RFQ	 SILICON LABS EM3597-RTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 14363 pcs RFQ
 Powering Business Worldwide EM359314VC-BK Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 14POS VERT 3.81MM In stock: 33250 pcs RFQ	 SILICON LABS EM3598-RT Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 9034 pcs RFQ