



SILICON LABS

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EM3596-RTR

Part Number:	EM3596-RTR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC RF TXRX+MCU 802.15.4 56-VFQFN
Datasheets:	 EM3596-RTR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	15885 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of EM3596-RTR

PART NUMBER	EM3596-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	15885 pcs
DATA SHEET	 EM3596-RTR.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	Tape & Reel (TR)
PACKAGE / CASE	56-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
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-RTR	EM3596-RTR Distributor	EM3596-RTR Supplier
EM3596-RTR Price	EM3596-RTR Pictures	EM3596-RTR Image
EM3596-RTR PDF Datasheet	EM3596-RTR Download Datasheet	EM3596-RTR Datasheet
EM3596-RTR Stock	Buy EM3596-RTR	Buy Energy Micro (Silicon Labs) EM3596-RTR
Energy Micro (Silicon Labs) EM3596-RTR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EM3596-RTR	Energy Micro EM3596-RTR	Energy Micro (Silicon Labs) EM3596-RTR
Silicon Laboratories EM3596-RTR	Silicon Labs EM3596-RTR	

Related Products

 SILICON LABS EM3596-RT Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 8593 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
 EM35MP-4PC Manufacturers: Hirose Description: CONN PLUG 4POS MALE In stock: 6259 pcs RFQ	 Powering Business Worldwide EM359307VC Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 7POS VERT 3.81MM In stock: 52165 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-RTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 14363 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 EM3595-RT Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 56-VFQFN In stock: 7824 pcs RFQ
 Powering Business Worldwide EM359314VC-BK Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 14POS VERT 3.81MM In stock: 33250 pcs RFQ	 Powering Business Worldwide EM359310HC Manufacturers: Bussmann (Eaton) Description: TERM BLOCK HDR 10POS 3.81MM In stock: 46401 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	 EM3598-STACK-LR Manufacturers: Energy Micro (Silicon Labs) Description: BOARD STACK RADIO BD+EM35X PA In stock: 2729 pcs RFQ