



EM3582-RT

Part Number:	EM3582-RT
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC RF TXRX+MCU 802.15.4 48-VFQFN
Datasheets:	PDF EM3582-RT.pdf
RoHs Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of EM3582-RT

PART NUMBER	EM3582-RT
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU 802.15.4 48-VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF EM3582-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	Tray
PACKAGE / CASE	48-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	24
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	12Mbps
CURRENT - TRANSMITTING	24mA ~ 45mA
CURRENT - RECEIVING	23.5mA ~ 30mA

Related Tags

Energy Micro (Silicon Labs) EM3582-RT	EM3582-RT Distributor	EM3582-RT Supplier
EM3582-RT Price	EM3582-RT Pictures	EM3582-RT Image
EM3582-RT PDF Datasheet	EM3582-RT Download Datasheet	EM3582-RT Datasheet
EM3582-RT Stock	Buy EM3582-RT	Buy Energy Micro (Silicon Labs) EM3582-RT
Energy Micro (Silicon Labs) EM3582-RT	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EM3582-RT	Energy Micro EM3582-RT	Energy Micro (Silicon Labs) EM3582-RT
Silicon Laboratories EM3582-RT	Silicon Labs EM3582-RT	

Related Products

EM3582-RTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: Out stock RFQ	EM358305 Manufacturers: Bussmann (Eaton) Description: TERM BLOCK PLUG 5POS 3.81MM In stock: Out stock RFQ
EM358302 Manufacturers: Bussmann (Eaton) Description: TERM BLOCK PLUG 2POS 3.81MM In stock: Out stock RFQ	EM357-STACK-LR Manufacturers: Energy Micro (Silicon Labs) Description: BOARD STACK LR EM357 PA MOD/BO In stock: 1 pcs RFQ
EM3581-RTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: Out stock RFQ	EM358304 Manufacturers: Bussmann (Eaton) Description: TERM BLOCK PLUG 4POS 3.81MM In stock: Out stock RFQ
EM357-ZRTR Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: Out stock RFQ	EM357-STACK Manufacturers: Energy Micro (Silicon Labs) Description: BOARD STACK EM357 MOD & BREAKOUT In stock: 1 pcs RFQ
EM357-ZRT Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: Out stock RFQ	EM358306 Manufacturers: Bussmann (Eaton) Description: TERM BLOCK PLUG 6POS 3.81MM In stock: Out stock RFQ
EM358303 Manufacturers: Bussmann (Eaton) Description: TERM BLOCK PLUG 3POS 3.81MM In stock: Out stock RFQ	EM3581-RT Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-VFQFN In stock: 416 pcs RFQ