



EFR32MG1B132F256GM48-B0R

Part Number:	EFR32MG1B132F256GM48-B0R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB 48QFN
Datasheets:	 EFR32MG1B132F256GM48-B0R.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

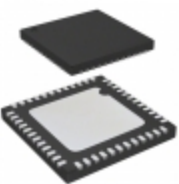
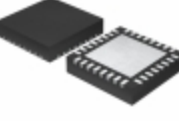
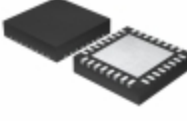
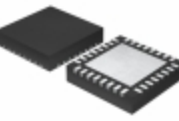
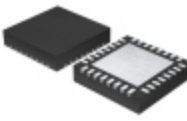
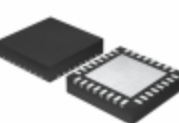
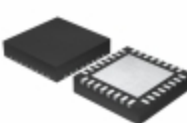
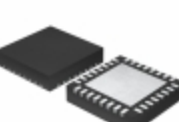
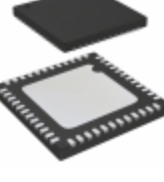
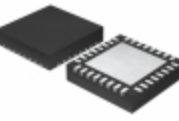
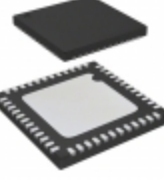
Specifications of EFR32MG1B132F256GM48-B0R

PART NUMBER	EFR32MG1B132F256GM48-B0R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFR32MG1B132F256GM48-B0R.pdf
VOLTAGE - SUPPLY	3.3V
TYPE	TxRx + MCU
SERIES	Mighty Gecko
SERIAL INTERFACES	I²C, I²S, SPI, UART
SENSITIVITY	-99dBm
RF FAMILY/STANDARD	802.15.4, Bluetooth
PROTOCOL	Bluetooth v4.0, Zigbee®
POWER - OUTPUT	19.5dBm
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	DSSS, O-QPSK, GFSK
MEMORY SIZE	256kB Flash, 32kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	31
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v4.0, Zigbee® 2.4GHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	1Mbps
CURRENT - TRANSMITTING	8.2mA
CURRENT - RECEIVING	8.6mA ~ 9.1mA

Related Tags

Energy Micro (Silicon Labs) EFR32MG1B132F256GM48-B0R	EFR32MG1B132F256GM48-B0R Distributor	EFR32MG1B132F256GM48-B0R Supplier
EFR32MG1B132F256GM48-B0R Price	EFR32MG1B132F256GM48-B0R Pictures	EFR32MG1B132F256GM48-B0R Image
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Energy Micro (Silicon Labs) EFR32MG1B132F256GM48-B0R	Energy Micro EFR32MG1B132F256GM48-B0R	Energy Micro (Silicon Labs) EFR32MG1B132F256GM48-B0R
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Related Products

 EFR32MG1B132F256GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-QFN In stock: Out stock RFQ	 EFR32MG14P733F256IM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY PREMIUM QFN48 DUAL EXTEND In stock: Out stock RFQ
 EFR32MG1B232F256GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 32QFN In stock: Out stock RFQ	 EFR32MG1B132F256GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 32QFN In stock: Out stock RFQ
 EFR32MG1B132F256GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 32-QFN In stock: Out stock RFQ	 EFR32MG1B132F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 281 pcs RFQ
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 EFR32MG1B232F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 32-QFN In stock: 415 pcs RFQ	 EFR32MG1B132F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: Out stock RFQ
 EFR32MG1B232F256GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 32QFN In stock: Out stock RFQ	 EFR32MG1B132F256GM48-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 48QFN In stock: Out stock RFQ