



Energy Micro (Silicon Labs)



EFR32MG1P132F256IM48-C0R

Part Number:	EFR32MG1P132F256IM48-C0R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	MIGHTY GECKO MESH MULTI-PROTOCOL
Datasheets:	 EFR32MG1P132F256IM48-C0R.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.

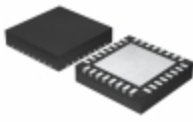
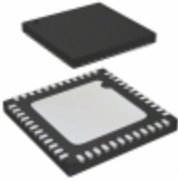
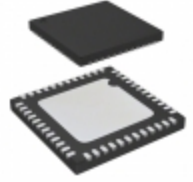
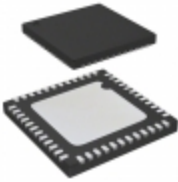
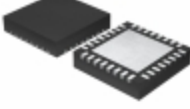
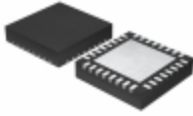
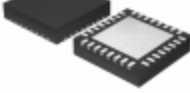
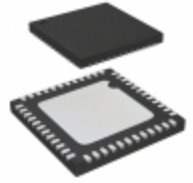
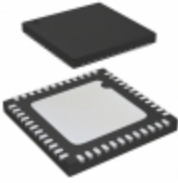
Specifications of EFR32MG1P132F256IM48-C0R

PART NUMBER	EFR32MG1P132F256IM48-C0R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY GECKO MESH MULTI-PROTOCOL
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFR32MG1P132F256IM48-C0R.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Mighty Gecko
SERIAL INTERFACES	I²C, I²S, SPI, UART
RF FAMILY/STANDARD	802.15.4, Bluetooth
PROTOCOL	Bluetooth v4.0, Thread, Zigbee®
POWER - OUTPUT	16.5dBm
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MEMORY SIZE	256kB Flash, 32kB RAM
MANUFACTURER STANDARD LEAD TIME	8 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	31
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v4.0, Thread, Zigbee®
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.2mA ~ 126.7mA

Related Tags

Energy Micro (Silicon Labs) EFR32MG1P132F256IM48-C0R	EFR32MG1P132F256IM48-C0R Distributor	EFR32MG1P132F256IM48-C0R Supplier
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Energy Micro (Silicon Labs) EFR32MG1P132F256IM48-C0R	Energy Micro EFR32MG1P132F256IM48-C0R	Energy Micro (Silicon Labs) EFR32MG1P132F256IM48-C0R
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Related Products

 EFR32MG1P232F256GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 32QFN In stock: Out stock RFQ	 EFR32MG1P132F256GM48-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 48QFN In stock: Out stock RFQ
 EFR32MG1P133F256GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC TXRX+MCU 802.15.4/BLE 48QFN In stock: Out stock RFQ	 EFR32MG1P132F256IM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: Out stock RFQ
 EFR32MG1P132F256IM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 482 pcs RFQ	 EFR32MG1P132F256GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-QFN In stock: Out stock RFQ
 EFR32MG1P132F256IM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: Out stock RFQ	 EFR32MG1P232F256GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 32-QFN In stock: Out stock RFQ
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 EFR32MG1P133F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO, DUAL BAND, 256KB, In stock: 501 pcs RFQ	 EFR32MG1P132F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-QFN In stock: 520 pcs RFQ