




Energy Micro (Silicon Labs)

## EFR32MG1P233F256IM48-C0R

Part Number:	EFR32MG1P233F256IM48-C0R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	MIGHTY GECKO MESH MULTI-PROTOCOL
Datasheets:	<a href="#">PDF EFR32MG1P233F256IM48-C0R.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of EFR32MG1P233F256IM48-C0R

PART NUMBER	EFR32MG1P233F256IM48-C0R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY GECKO MESH MULTI-PROTOCOL
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF EFR32MG1P233F256IM48-C0R.pdf</a>
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Mighty Gecko
SERIAL INTERFACES	I <sup>2</sup> C, I <sup>2</sup> S, SPI, UART
RF FAMILY/STANDARD	802.15.4, Bluetooth
PROTOCOL	Bluetooth v4.0, Thread, Zigbee®
POWER - OUTPUT	20dBm
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	DSSS, O-QPSK, GFSK
MEMORY SIZE	256kB Flash, 32kB RAM
MANUFACTURER STANDARD LEAD TIME	8 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	28
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) EFR32MG1P233F256IM48-C0R	EFR32MG1P233F256IM48-C0R Distributor	EFR32MG1P233F256IM48-C0R Supplier
EFR32MG1P233F256IM48-C0R Price	EFR32MG1P233F256IM48-C0R Pictures	EFR32MG1P233F256IM48-C0R Image
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Energy Micro (Silicon Labs) EFR32MG1P233F256IM48-C0R	Energy Micro EFR32MG1P233F256IM48-C0R	Energy Micro (Silicon Labs) EFR32MG1P233F256IM48-C0R
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### Related Products

 <p><b>EFR32MG1P732F256GM32-C0</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC TXRX+MCU 802.15.4/BLE 32QFN In stock: 457 pcs <a href="#">RFQ</a></p>	 <p><b>EFR32MG1P632F256GM32-C0</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC TXRX+MCU 802.15.4/BLE 32QFN In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>EFR32MG1P233F256IM48-C0</b> Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>EFR32MG1P233F256GM48-C0R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC TXRX+MCU 802.15.4/BLE 48QFN In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>EFR32MG1P232F256IM48-C0R</b> Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>EFR32MG1P732F256GM32-C0R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC TXRX+MCU 802.15.4/BLE 32QFN In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>EFR32MG1P632F256GM32-C0R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC TXRX+MCU 802.15.4/BLE 32QFN In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>EFR32MG1P233F256GM48-C0</b> Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO, DUAL BAND, 256KB In stock: 163 pcs <a href="#">RFQ</a></p>
 <p><b>EFR32MG1P232F256IM32-C0R</b> Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>EFR32MG1P232F256IM48-C0</b> Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: Out stock <a href="#">RFQ</a></p>
 <p><b>EFR32MG1V132F256GM32-B0</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 32QFN In stock: Out stock <a href="#">RFQ</a></p>	 <p><b>EFR32MG1V132F256GM32-B0R</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 32QFN In stock: Out stock <a href="#">RFQ</a></p>