



Energy Micro (Silicon Labs)

EFR32MG12P132F512GM68-C

Part Number:	EFR32MG12P132F512GM68-C
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	MIGHTY GECKO MESH MULTI-PROTOCOL
Datasheets:	1.EFR32MG12P132F512GM68-C.pdf 2.EFR32MG12P132F512GM68-C.pdf 3.EFR32MG12P132F512GM68-C.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	14072 pcs stock
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 EFR32MG12P132F512GM68-C

PART NUMBER	EFR32MG12P132F512GM68-C
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY GECKO MESH MULTI-PROTOCOL
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14072 pcs
DATA SHEET	1.EFR32MG12P132F512GM68-C.pdf 2.EFR32MG12P132F512GM68-C.pdf 3.EFR32MG12P132F512GM68-C.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Mighty Gecko
SERIAL INTERFACES	I ² C, I ² S, SPI, UART
SENSITIVITY	-126.2dBm
RF FAMILY/STANDARD	802.15.4, Bluetooth
PROTOCOL	Bluetooth v5.0, Wireless M-Bus, Zigbee®
POWER - OUTPUT	0dBm
PACKAGING	Tray
PACKAGE / CASE	68-VFQFN Exposed Pad
OTHER NAMES	336-5103
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	2-FSK, 4-FSK, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, OOK, O-QPSK
MEMORY SIZE	512kB Flash, 128kB 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 v5.0, Wireless M-Bus, Zigbee® 2.4GHz 68-VFQFN Exposed Pad
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.5mA ~ 35.3mA
CURRENT - RECEIVING	8.4mA ~ 10mA

Related Tags

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Related Products

<p>EFR32MG12P132F1024GL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 14087 pcs RFQ</p>	<p>EFR32MG12P132F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 10DB MES In stock: 11363 pcs RFQ</p>
<p>EFR32MG12P132F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 12964 pcs RFQ</p>	<p>EFR32MG12P231F1024GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 10649 pcs RFQ</p>
<p>EFR32MG12P232F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 10847 pcs RFQ</p>	<p>EFR32MG12P132F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 10DB MES In stock: 14321 pcs RFQ</p>
<p>EFR32MG12P132F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 13512 pcs RFQ</p>	<p>EFR32MG12P132F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 12917 pcs RFQ</p>
<p>EFR32MG12P132F512GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 16725 pcs RFQ</p>	<p>EFR32MG12P232F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO BGA125 2.4G 19DB ME In stock: 9874 pcs RFQ</p>
<p>EFR32MG12P231F1024GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 9876 pcs RFQ</p>	<p>EFR32MG12P232F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO BGA125 2.4G 19DB ME In stock: 10396 pcs RFQ</p>