

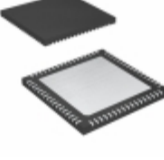

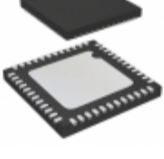



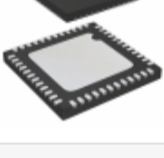
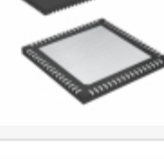








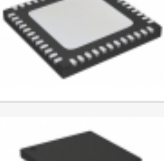
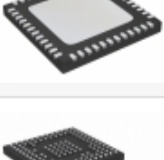

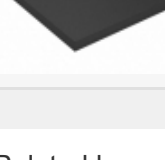


## EFR32MG12P232F512GM68-C

	 <b>SILICON LABS</b> <b>Part Number:</b> <a href="#">EFR32MG12P232F512GM68-C</a> <b>Manufacturer:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>Description:</b> MIGHTY GECKO MESH MULTI-PROTOCOL <b>Data sheet:</b> <a href="#">PDF EFR32xG12 Reference Manual</a> <a href="#">PDF EFM32 &amp; EFR32 Getting Started Appl. Note</a> <a href="#">PDF UG103.6: Bootloading Fundamentals</a>	<b>RoHS Status:</b> Lead free / RoHS Compliant <b>Ship From:</b> Hong Kong <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
Images are for reference only. See Product Specifications for product details. <b>Buy EFR32MG12P232F512GM68-C with confidence from Components-Store.com, 1 Year Warranty</b>		<a href="#" style="background-color: #007bff; color: white; padding: 5px 10px; border-radius: 3px;">Request For Quotation</a>

PRODUCT PARAMETER	
Part Number	<a href="#">EFR32MG12P232F512GM68-C</a>
Manufacturer	<a href="#">Energy Micro (Silicon Labs)</a>
Description	MIGHTY GECKO MESH MULTI-PROTOCOL
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14343 pcs
Product Photo	<a href="#">EFR32MG12P232F512GM68-C-001.jpg</a> , <a href="#">EFR32MG12P232F512GM68-C-002.jpg</a>
Category	<a href="#">RF/IF and RFID</a>
Voltage - Supply	1.8 V ~ 3.8 V
Type	TxRx + MCU
Series	Mighty Gecko
Serial Interfaces	PC, I <sup>2</sup> 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	336-5104
Operating Temperature	-40°C ~ 85°C
Moisture Sensitivity Level (MSL)	2 (1 Year)
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

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	Part#: <a href="#">EFR32MG12P332F1024GM48-C</a> Description: MIGHTY GECKO	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 11494	<a href="#">RFQ</a>
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	Part#: <a href="#">EFR32MG12P232F1024GM48-BR</a> Description: MIGHTY GECKO QFN48 2.4G 19DB MES	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 12637	<a href="#">RFQ</a>
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	Part#: <a href="#">EFR32MG12P332F1024IM48-C</a> Description: MIGHTY GECKO	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 9751	<a href="#">RFQ</a>
	Part#: <a href="#">EFR32MG12P232F1024GM48-C</a> Description: MIGHTY GECKO	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 11022	<a href="#">RFQ</a>
	Part#: <a href="#">EFR32MG12P232F1024GM68-C</a> Description: MIGHTY GECKO MESH MULTI-PROTOCOL	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 11282	<a href="#">RFQ</a>
	Part#: <a href="#">EFR32MG12P332F1024GM48-CR</a> Description: MIGHTY GECKO	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 11282	<a href="#">RFQ</a>
	Part#: <a href="#">EFR32MG12P332F1024GL125-B</a> Description: MIGHTY GECKO BGA125 2.4G 10DB ME	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 12396	<a href="#">RFQ</a>
	Part#: <a href="#">EFR32MG12P232F1024GL125-BR</a> Description: MIGHTY GECKO BGA125 2.4G 19DB ME	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 11319	<a href="#">RFQ</a>
	Part#: <a href="#">EFR32MG12P332F1024GL125-C</a> Description: MIGHTY GECKO	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 11015	<a href="#">RFQ</a>
	Part#: <a href="#">EFR32MG12P232F1024GM48-CR</a> Description: MIGHTY GECKO	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 12176	<a href="#">RFQ</a>
	Part#: <a href="#">EFR32MG12P232F1024GL125-CR</a> Description: MIGHTY GECKO	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 12964	<a href="#">RFQ</a>
	Part#: <a href="#">EFR32MG12P232F512GM68-CR</a> Description: MIGHTY GECKO MESH MULTI-PROTOCOL	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 14009	<a href="#">RFQ</a>
	Part#: <a href="#">EFR32MG12P232F1024GL125-B</a> Description: MIGHTY GECKO BGA125 2.4G 19DB ME	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 10510	<a href="#">RFQ</a>
	Part#: <a href="#">EFR32MG12P332F1024GM48-BR</a> Description: MIGHTY GECKO QFN48 2.4G 10DB MES	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 13586	<a href="#">RFQ</a>
	Part#: <a href="#">EFR32MG12P332F1024GM48-B</a> Description: MIGHTY GECKO QFN48 2.4G 10DB MES	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 11895	<a href="#">RFQ</a>
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	Part#: <a href="#">EFR32MG12P332F1024GL125-CR</a> Description: MIGHTY GECKO	Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> In Stock: 12762	<a href="#">RFQ</a>

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