



Energy Micro (Silicon Labs)

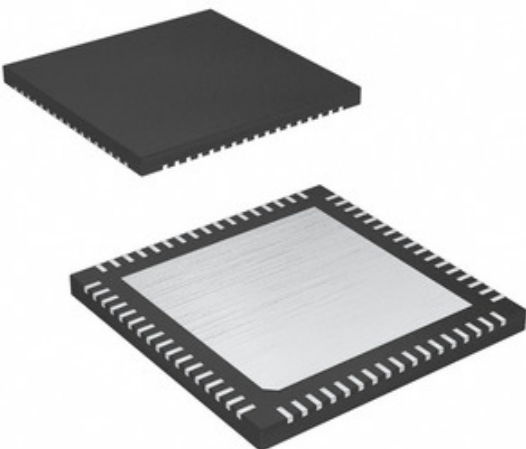


Image may be representation. See specifications for product details.

EFR32MG12P231F1024GM68-C

Part Number:	EFR32MG12P231F1024GM68-C
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	MIGHTY GECKO MESH MULTI-PROTOCOL
Datasheets:	 EFR32MG12P231F1024GM68-C.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9876 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

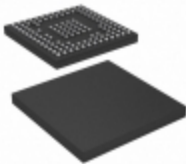
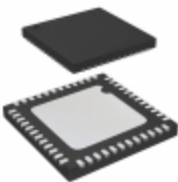
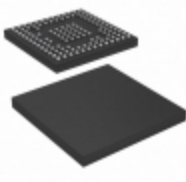
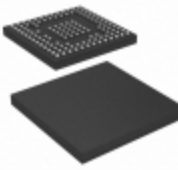
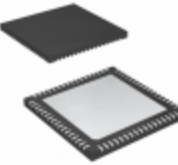
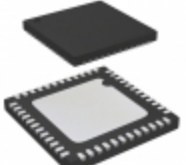
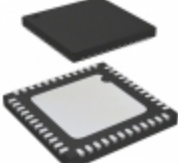
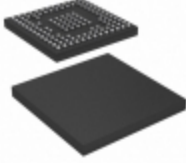
Specifications of EFR32MG12P231F1024GM68-C

PART NUMBER	EFR32MG12P231F1024GM68-C
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY GECKO MESH MULTI-PROTOCOL
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9876 pcs
DATA SHEET	 EFR32MG12P231F1024GM68-C.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Mighty Gecko
SERIAL INTERFACES	I²C, I²S, IrDA, SPI, UART
SENSITIVITY	-102dBm
RF FAMILY/STANDARD	802.15.4, Bluetooth
PROTOCOL	Bluetooth v4.0, Thread, Zigbee®
POWER - OUTPUT	20dBm
PACKAGING	Tray
PACKAGE / CASE	68-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	2GFSK, 4GFSK, ASK, DSSS, BPSK, DBPSK, GMSK, O-QPSK, OOK
MEMORY SIZE	1MB Flash, 128kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	46
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v4.0, Thread, Zigbee® 2.4GHz 68-VFQFN Exposed Pad
DATA RATE (MAX)	38.4kbps
CURRENT - TRANSMITTING	20.3mA ~ 134.3mA
CURRENT - RECEIVING	8.4mA ~ 13mA

Related Tags

Energy Micro (Silicon Labs) EFR32MG12P231F1024GM68-C	EFR32MG12P231F1024GM68-C Distributor	EFR32MG12P231F1024GM68-C Supplier
EFR32MG12P231F1024GM68-C Price	EFR32MG12P231F1024GM68-C Pictures	EFR32MG12P231F1024GM68-C Image
EFR32MG12P231F1024GM68-C PDF Datasheet	EFR32MG12P231F1024GM68-C Download Datasheet	EFR32MG12P231F1024GM68-C Datasheet
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Silicon Laboratories EFR32MG12P231F1024GM68-C	Silicon Labs EFR32MG12P231F1024GM68-C	

Related Products

 EFR32MG12P132F512GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 14072 pcs RFQ	 EFR32MG12P232F1024GL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 10841 pcs RFQ
 EFR32MG12P132F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 10DB MES In stock: 11363 pcs RFQ	 EFR32MG12P232F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO BGA125 2.4G 19DB ME In stock: 10396 pcs RFQ
 EFR32MG12P232F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 10847 pcs RFQ	 EFR32MG12P132F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 12917 pcs RFQ
 EFR32MG12P132F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 13512 pcs RFQ	 EFR32MG12P132F512GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 16725 pcs RFQ
 EFR32MG12P231F1024GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 10649 pcs RFQ	 EFR32MG12P132F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 10DB MES In stock: 14321 pcs RFQ
 EFR32MG12P232F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 19DB MES In stock: 11358 pcs RFQ	 EFR32MG12P232F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO BGA125 2.4G 19DB ME In stock: 9874 pcs RFQ