



Energy Micro (Silicon Labs)

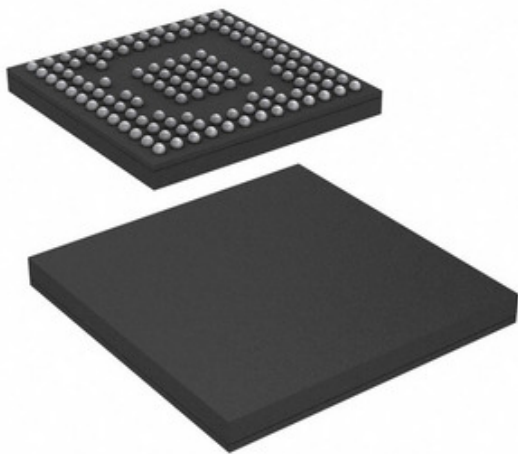


Image may be representation. See specifications for product details.

EFR32MG12P232F1024GL125-BR

Part Number:	EFR32MG12P232F1024GL125-BR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	MIGHTY GECKO BGA125 2.4G 19DB ME
Datasheets:	 EFR32MG12P232F1024GL125-BR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	9874 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

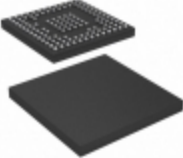
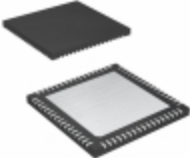
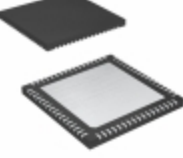
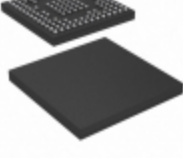
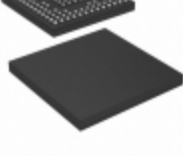
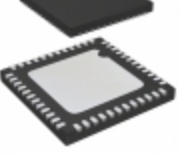
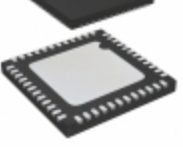
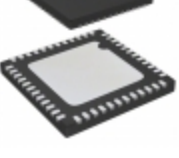
Specifications of EFR32MG12P232F1024GL125-BR

PART NUMBER	EFR32MG12P232F1024GL125-BR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY GECKO BGA125 2.4G 19DB ME
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9874 pcs
DATA SHEET	 EFR32MG12P232F1024GL125-BR.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Mighty Gecko
SERIAL INTERFACES	I²C, I²S, SPI, UART
SENSITIVITY	-102dBm
RF FAMILY/STANDARD	802.15.4, Bluetooth
PROTOCOL	Bluetooth v4.0, Thread, Zigbee®
POWER - OUTPUT	19dBm
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	125-VFBGA
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	2-FSK, 4-FSK, DSSS, GMSK, O-QPSK
MEMORY SIZE	1024kB Flash, 128kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	65
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v4.0, Thread, Zigbee® 2.4GHz 125-VFBGA
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.2mA ~ 126.7mA
CURRENT - RECEIVING	8mA ~ 10.8mA

Related Tags

Energy Micro (Silicon Labs) EFR32MG12P232F1024GL125-BR	EFR32MG12P232F1024GL125-BR Distributor	EFR32MG12P232F1024GL125-BR Supplier
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Related Products

 EFR32MG12P132F512GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 14072 pcs RFQ	 EFR32MG12P132F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 13512 pcs RFQ
 EFR32MG12P232F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 14072 pcs RFQ	 EFR32MG12P231F1024GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 10649 pcs RFQ
 EFR32MG12P231F1024GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 9876 pcs RFQ	 EFR32MG12P232F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 11319 pcs RFQ
 EFR32MG12P232F1024GL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 10841 pcs RFQ	 EFR32MG12P132F512GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 16725 pcs RFQ
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 EFR32MG12P232F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 12130 pcs RFQ	 EFR32MG12P232F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 19DB MES In stock: 11358 pcs RFQ