



Part Number:EFR32MG12P432F1024GL125-B

Manufacturer/Brand:Energy Micro (Silicon Labs)

Product description:MIGHTY GECKO BGA125 2.4G 19DB ME

Datasheets: EFR32MG12P432F1024GL125-B.pdf

RoHs Status: Lead free / RoHS Compliant

Ship From:Hong Kong

Shipment Way:DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

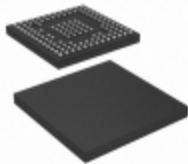
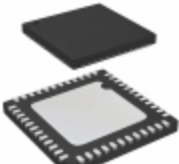
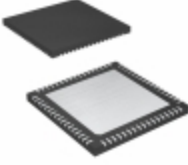
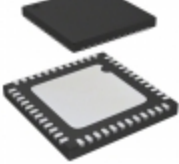
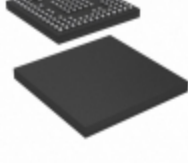
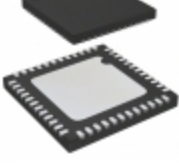
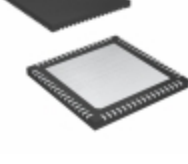
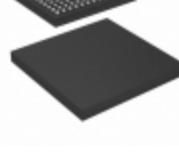
Specifications of EFR32MG12P432F1024GL125-B

PART NUMBER	EFR32MG12P432F1024GL125-B
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY GECKO BGA125 2.4G 19DB ME
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFR32MG12P432F1024GL125-B.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	Tray
PACKAGE / CASE	125-VFBGA
OTHER NAMES	336-3926
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, 256kB RAM
MANUFACTURER STANDARD LEAD TIME	8 Weeks
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) EFR32MG12P432F1024GL125-B	EFR32MG12P432F1024GL125-B Distributor	EFR32MG12P432F1024GL125-B Supplier
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Related Products

 EFR32MG12P432F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO BGA125 2.4G 19DB ME In stock: 224 pcs RFQ	 EFR32MG12P432F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 19DB MES In stock: 785 pcs RFQ
 EFR32MG12P431F1024GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: Out stock RFQ	 EFR32MG12P332F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: Out stock RFQ
 EFR32MG12P332F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: Out stock RFQ	 EFR32MG12P432F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 19DB MES In stock: 730 pcs RFQ
 EFR32MG12P432F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO BGA125 2.4G 19DB ME In stock: Out stock RFQ	 EFR32MG12P432F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 19DB MES In stock: Out stock RFQ
 EFR32MG12P431F1024GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: Out stock RFQ	 EFR32MG12P332F1024IM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: Out stock RFQ
 EFR32MG12P332F1024IM48-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: Out stock RFQ	 EFR32MG12P432F1024GL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: Out stock RFQ