



EFR32MG12P132F1024GL125-B

Part Number:

Energy Micro (Silicon Labs)

Manufacturer/Brand:

MIGHTY GECKO BGA125 2.4G 10DB ME

Product description:

 EFR32MG12P132F1024GL125-B.pdf

Datasheets:

 Lead free / RoHS Compliant

RoHS Status:

Hong Kong

Ship From:

DHL/Fedex/TNT/UPS/EMS

Shipment Way:

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

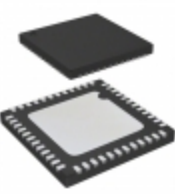
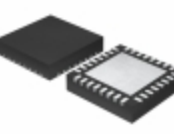
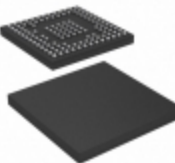
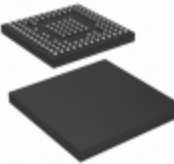
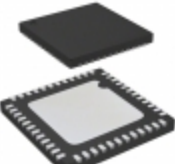
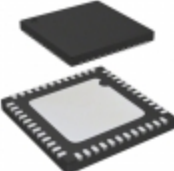
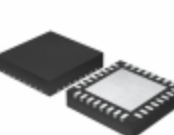
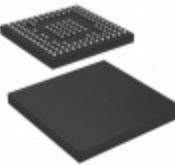
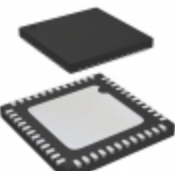
Specifications of EFR32MG12P132F1024GL125-B

PART NUMBER	EFR32MG12P132F1024GL125-B
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY GECKO BGA125 2.4G 10DB ME
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFR32MG12P132F1024GL125-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	10dBm
PACKAGING	Tray
PACKAGE / CASE	125-VFBGA
OTHER NAMES	336-4616 EFR32MG12P132F1024GL125-B-ND
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
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

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Related Products

 EFR32FG1V132F64GM48-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN In stock: Out stock RFQ	 EFR32MG12P132F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 10DB MES In stock: Out stock RFQ
 EFR32FG1V132F64GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN In stock: Out stock RFQ	 EFR32MG12P132F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO BGA125 2.4G 10DB ME In stock: Out stock RFQ
 EFR32MG12P132F1024GL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: Out stock RFQ	 EFR32MG12P132F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 10DB MES In stock: 260 pcs RFQ
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 EFR32FG1V132F64GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 32-VFQFN In stock: 440 pcs RFQ	 EFR32MG12P132F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: Out stock RFQ
 EFR32MG12P132F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 260 pcs RFQ	 EFR32FG1V132F64GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN In stock: Out stock RFQ