



EFR32MG12P132F1024GM48-B

Part Number:	EFR32MG12P132F1024GM48-B
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	MIGHTY GECKO QFN48 2.4G 10DB MES
Datasheets:	 EFR32MG12P132F1024GM48-B.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	11363 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

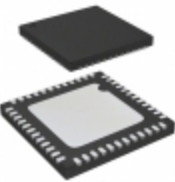
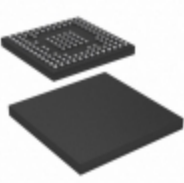
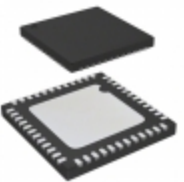
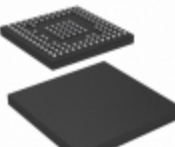
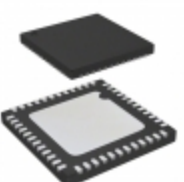
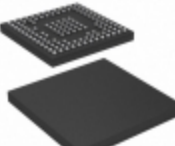
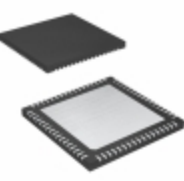
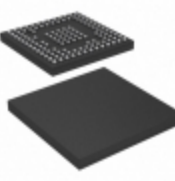
Specifications of EFR32MG12P132F1024GM48-B

PART NUMBER	EFR32MG12P132F1024GM48-B
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY GECKO QFN48 2.4G 10DB MES
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	11363 pcs
DATA SHEET	 EFR32MG12P132F1024GM48-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	48-VFQFN Exposed Pad
OTHER NAMES	336-5493 EFR32MG12P132F1024GM48-B-ND
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
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	31
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v4.0, Thread, Zigbee® 2.4GHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.2mA ~ 126.7mA
CURRENT - RECEIVING	8mA ~ 10.8mA

Related Tags

Energy Micro (Silicon Labs) EFR32MG12P132F1024GM48-B	EFR32MG12P132F1024GM48-B Distributor	EFR32MG12P132F1024GM48-B Supplier
EFR32MG12P132F1024GM48-B Price	EFR32MG12P132F1024GM48-B Pictures	EFR32MG12P132F1024GM48-B Image
EFR32MG12P132F1024GM48-B PDF Datasheet	EFR32MG12P132F1024GM48-B Download Datasheet	EFR32MG12P132F1024GM48-B Datasheet
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Energy Micro (Silicon Labs) EFR32MG12P132F1024GM48-B	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories EFR32MG12P132F1024GM48-B	Silicon Labs EFR32MG12P132F1024GM48-B	

Related Products

 EFR32MG12P132F512GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 14072 pcs RFQ	 EFR32FG1V132F64GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN In stock: 25920 pcs RFQ
 EFR32MG12P132F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO BGA125 2.4G 10DB ME In stock: 11269 pcs RFQ	 EFR32MG12P132F512GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 16725 pcs RFQ
 EFR32MG12P132F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 10DB MES In stock: 14321 pcs RFQ	 EFR32MG12P132F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 13512 pcs RFQ
 EFR32MG12P132F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 12917 pcs RFQ	 EFR32MG12P132F1024GL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 14087 pcs RFQ
 EFR32FG1V132F64GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU ISM>1GHZ 48-VFQFN In stock: 26011 pcs RFQ	 EFR32MG12P132F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 12964 pcs RFQ
 EFR32MG12P231F1024GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 9876 pcs RFQ	 EFR32MG12P132F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO BGA125 2.4G 10DB ME In stock: 11714 pcs RFQ