



EFR32MG12P232F1024GM48-BR

Part Number:	EFR32MG12P232F1024GM48-BR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	MIGHTY GECKO QFN48 2.4G 19DB MES
Datasheets:	 EFR32MG12P232F1024GM48-BR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	13319 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

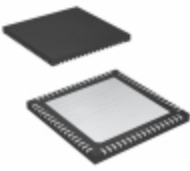
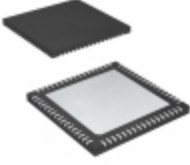
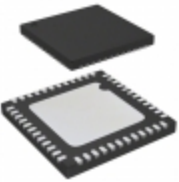
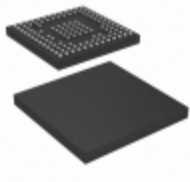
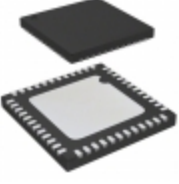
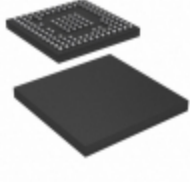
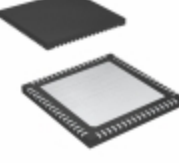
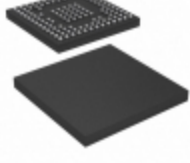
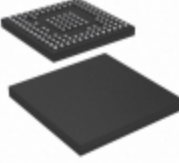
Specifications of EFR32MG12P232F1024GM48-BR

PART NUMBER	EFR32MG12P232F1024GM48-BR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY GECKO QFN48 2.4G 19DB MES
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13319 pcs
DATA SHEET	 EFR32MG12P232F1024GM48-BR.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Mighty Gecko
SERIAL INTERFACES	I ² C, I ² S, 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	48-VFQFN Exposed Pad
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) EFR32MG12P232F1024GM48-BR	EFR32MG12P232F1024GM48-BR Distributor	EFR32MG12P232F1024GM48-BR Supplier
EFR32MG12P232F1024GM48-BR Price	EFR32MG12P232F1024GM48-BR Pictures	EFR32MG12P232F1024GM48-BR Image
EFR32MG12P232F1024GM48-BR PDF Datasheet	EFR32MG12P232F1024GM48-BR Download Datasheet	EFR32MG12P232F1024GM48-BR Datasheet
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Energy Micro (Silicon Labs) EFR32MG12P232F1024GM48-BR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories EFR32MG12P232F1024GM48-BR	Silicon Labs EFR32MG12P232F1024GM48-BR	

Related Products

 EFR32MG12P232F512GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 13707 pcs RFQ	 EFR32MG12P232F1024GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 11380 pcs RFQ
 EFR32MG12P232F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 11319 pcs RFQ	 EFR32MG12P231F1024GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 10649 pcs RFQ
 EFR32MG12P232F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 12130 pcs RFQ	 EFR32MG12P232F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO BGA125 2.4G 19DB ME In stock: 9874 pcs RFQ
 EFR32MG12P232F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 19DB MES In stock: 11358 pcs RFQ	 EFR32MG12P232F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 10847 pcs RFQ
 EFR32MG12P232F1024GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 11878 pcs RFQ	 EFR32MG12P232F1024GL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 10841 pcs RFQ
 EFR32MG12P232F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO BGA125 2.4G 19DB ME In stock: 10396 pcs RFQ	 EFR32MG12P232F512GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 12812 pcs RFQ