



Energy Micro (Silicon Labs)

EFR32BG12P132F1024GM48-B

Part Number:	EFR32BG12P132F1024GM48-B
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	BLUE GECKO QFN48 2.4G 0DB BLE/PR
Datasheets:	PDF 1.EFR32BG12P132F1024GM48-B.pdf PDF 2.EFR32BG12P132F1024GM48-B.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	14826 pcs stock
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 EFR32BG12P132F1024GM48-B

PART NUMBER	EFR32BG12P132F1024GM48-B
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	BLUE GECKO QFN48 2.4G 0DB BLE/PR
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14826 pcs
DATA SHEET	PDF 1.EFR32BG12P132F1024GM48-B.pdf PDF 2.EFR32BG12P132F1024GM48-B.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Blue Gecko
SERIAL INTERFACES	I ² C, I ² S, SPI, UART
SENSITIVITY	-102dBm
RF FAMILY/STANDARD	Bluetooth
PROTOCOL	Bluetooth v4.0
POWER - OUTPUT	0dBm
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	336-5489 EFR32BG12P132F1024GM48-B-ND
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	2-FSK, 4-FSK, ASK, BPSK, DBPSK, DSSS, GFSK, 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 Bluetooth Bluetooth v4.0 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) EFR32BG12P132F1024GM48-B	EFR32BG12P132F1024GM48-B Distributor	EFR32BG12P132F1024GM48-B Supplier
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Energy Micro (Silicon Labs) EFR32BG12P132F1024GM48-B	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFR32BG12P132F1024GM48-B	Energy Micro EFR32BG12P132F1024GM48-B	Energy Micro (Silicon Labs) EFR32BG12P132F1024GM48-B
Silicon Laboratories EFR32BG12P132F1024GM48-B	Silicon Labs EFR32BG12P132F1024GM48-B	

Related Products

<p>EFR-TSB40K5 Manufacturers: Panasonic Description: TRANS 40KHZ ULTRASONIC TYPE S In stock: 5870 pcs RFQ</p>	<p>EFR32BG12P132F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 2.4G 0DB BLE/P In stock: 16194 pcs RFQ</p>
<p>EFR32BG12P132F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 2.4G 0DB BLE/P In stock: 16087 pcs RFQ</p>	<p>EFR32BG12P132F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN48 2.4G 0DB BLE/PR In stock: 17369 pcs RFQ</p>
<p>EFR32BG12P132F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 17355 pcs RFQ</p>	<p>EFR32BG12P132F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 14449 pcs RFQ</p>
<p>EFR32BG12P232F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 13832 pcs RFQ</p>	<p>EFR-TQB40K5 Manufacturers: Panasonic Description: TRANS 40KHZ ULTRASONIC TYPE Q In stock: 3678 pcs RFQ</p>
<p>EFR32BG12P232F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 2.4G 10DB BLE/ In stock: 12075 pcs RFQ</p>	<p>EFR32BG12P132F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 17749 pcs RFQ</p>
<p>EFR32BG12P232F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 2.4G 10DB BLE/ In stock: 11850 pcs RFQ</p>	<p>EFR32BG12P132F1024GL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 15882 pcs RFQ</p>