



Energy Micro (Silicon Labs)

EFR32BG12P432F1024GM48-B

Part Number:	EFR32BG12P432F1024GM48-B
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	BLUE GECKO QFN48 2.4G 19DB BLE/P
Datasheets:	1.EFR32BG12P432F1024GM48-B.pdf 2.EFR32BG12P432F1024GM48-B.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	10691 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 EFR32BG12P432F1024GM48-B

PART NUMBER	EFR32BG12P432F1024GM48-B
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	BLUE GECKO QFN48 2.4G 19DB BLE/P
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10691 pcs
DATA SHEET	1.EFR32BG12P432F1024GM48-B.pdf 2.EFR32BG12P432F1024GM48-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	19dBm
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	336-3927
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, 256kB 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) EFR32BG12P432F1024GM48-B	EFR32BG12P432F1024GM48-B Distributor	EFR32BG12P432F1024GM48-B Supplier
EFR32BG12P432F1024GM48-B Price	EFR32BG12P432F1024GM48-B Pictures	EFR32BG12P432F1024GM48-B Image
EFR32BG12P432F1024GM48-B PDF Datasheet	EFR32BG12P432F1024GM48-B Download Datasheet	EFR32BG12P432F1024GM48-B Datasheet
EFR32BG12P432F1024GM48-B Stock	Buy EFR32BG12P432F1024GM48-B	Buy Energy Micro (Silicon Labs) EFR32BG12P432F1024GM48-B
Energy Micro (Silicon Labs) EFR32BG12P432F1024GM48-B	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFR32BG12P432F1024GM48-B	Energy Micro EFR32BG12P432F1024GM48-B	Energy Micro (Silicon Labs) EFR32BG12P432F1024GM48-B
Silicon Laboratories EFR32BG12P432F1024GM48-B	Silicon Labs EFR32BG12P432F1024GM48-B	

Related Products

<p>EFR32BG12P433F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 8748 pcs RFQ</p>	<p>EFR32BG12P433F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 DUAL 19DB BLE/ In stock: 8370 pcs RFQ</p>
<p>EFR32BG12P432F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 2.4G 19DB BLE/ In stock: 9717 pcs RFQ</p>	<p>EFR32BG12P332F1024IM48-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 10249 pcs RFQ</p>
<p>EFR32BG12P432F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 2.4G 19DB BLE/ In stock: 10882 pcs RFQ</p>	<p>EFR32BG12P432F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 2.4G 19DB BLE/ In stock: 11342 pcs RFQ</p>
<p>EFR32BG12P432F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN48 2.4G 19DB BLE/P In stock: 11899 pcs RFQ</p>	<p>EFR32BG12P432F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN48 2.4G 19DB BLE/P In stock: 10003 pcs RFQ</p>
<p>EFR32BG12P432F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 9978 pcs RFQ</p>	<p>EFR32BG12P332F1024IM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 12513 pcs RFQ</p>
<p>EFR32BG12P432F1024GL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 9291 pcs RFQ</p>	<p>EFR32BG12P433F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 DUAL 19DB BLE/ In stock: 10523 pcs RFQ</p>