



Energy Micro (Silicon Labs)



EFR32BG1B132F128GM48-B0

Part Number:	EFR32BG1B132F128GM48-B0
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC RF TXRX+MCU BLUETOOTH 48QFN
Datasheets:	 EFR32BG1B132F128GM48-B0.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

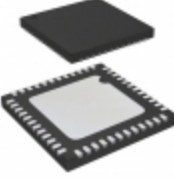
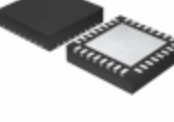
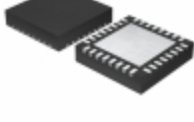
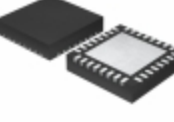
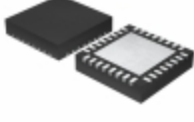
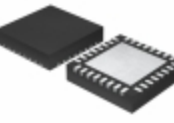
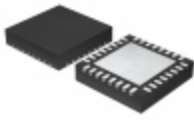
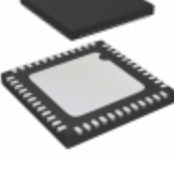
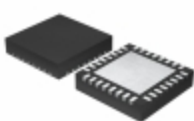
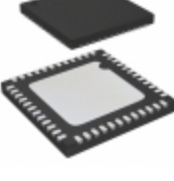
Specifications of EFR32BG1B132F128GM48-B0

PART NUMBER	EFR32BG1B132F128GM48-B0
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU BLUETOOTH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFR32BG1B132F128GM48-B0.pdf
VOLTAGE - SUPPLY	1.85 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	EFR32™ Blue Gecko
SERIAL INTERFACES	I²C, UART, USART
SENSITIVITY	-99.2dBm
RF FAMILY/STANDARD	Bluetooth
PROTOCOL	Bluetooth v4.0
POWER - OUTPUT	3dBm
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	2FSK, 4FSK, DSSS, GFSK, GMSK, MSK, O-QPSK
MEMORY SIZE	128kB Flash, 32kB 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	8.8mA ~ 133mA
CURRENT - RECEIVING	8.7mA

Related Tags

Energy Micro (Silicon Labs) EFR32BG1B132F128GM48-B0	EFR32BG1B132F128GM48-B0 Distributor	EFR32BG1B132F128GM48-B0 Supplier
EFR32BG1B132F128GM48-B0 Price	EFR32BG1B132F128GM48-B0 Pictures	EFR32BG1B132F128GM48-B0 Image
EFR32BG1B132F128GM48-B0 PDF Datasheet	EFR32BG1B132F128GM48-B0 Download Datasheet	EFR32BG1B132F128GM48-B0 Datasheet
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Related Products

 EFR32BG1B132F128GM48-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: Out stock RFQ	 EFR32BG14P733F256GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 DUAL 19.5DB B In stock: Out stock RFQ
 EFR32BG1B132F256GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ	 EFR32BG1B132F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: 490 pcs RFQ
 EFR32BG1B132F128GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ	 EFR32BG1B132F128GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ
 EFR32BG1B132F128GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: 490 pcs RFQ	 EFR32BG1B132F128GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ
 EFR32BG1B132F128GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: 520 pcs RFQ	 EFR32BG1B132F256GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ
 EFR32BG1B132F128GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: Out stock RFQ	 EFR32BG14P733F256GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 DUAL 19.5DB B In stock: Out stock RFQ