



Part Number:EFR32BG1B232F256GM48-B0

Manufacturer/Brand:Energy Micro (Silicon Labs)

Product description:IC RF TXRX+MCU BLUETOOTH 48VFQFN

Datasheets: [EFR32BG1B232F256GM48-B0.pdf](#)

RoHs Status: Lead free / RoHS Compliant

Ship From:Hong Kong

Shipment Way:DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

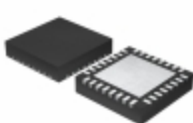
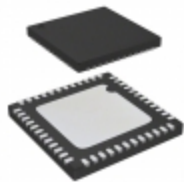
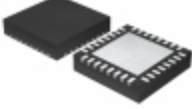
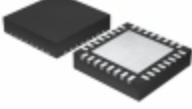
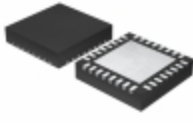
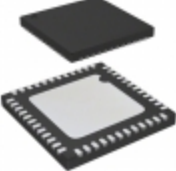
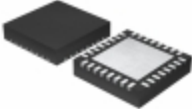
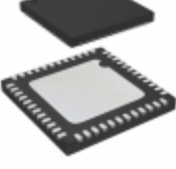
Specifications of EFR32BG1B232F256GM48-B0

PART NUMBER	EFR32BG1B232F256GM48-B0
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU BLUETOOTH 48VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFR32BG1B232F256GM48-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	10.5dBm
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	336-3448
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	6 (Time on Label)
MODULATION	2FSK, 4FSK, DSSS, GFSK, GMSK, MSK, O-QPSK
MEMORY SIZE	256kB 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) EFR32BG1B232F256GM48-B0	EFR32BG1B232F256GM48-B0 Distributor	EFR32BG1B232F256GM48-B0 Supplier
EFR32BG1B232F256GM48-B0 Price	EFR32BG1B232F256GM48-B0 Pictures	EFR32BG1B232F256GM48-B0 Image
EFR32BG1B232F256GM48-B0 PDF Datasheet	EFR32BG1B232F256GM48-B0 Download Datasheet	EFR32BG1B232F256GM48-B0 Datasheet
EFR32BG1B232F256GM48-B0 Stock	Buy EFR32BG1B232F256GM48-B0	Buy Energy Micro (Silicon Labs) EFR32BG1B232F256GM48-B0
Energy Micro (Silicon Labs) EFR32BG1B232F256GM48-B0	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFR32BG1B232F256GM48-B0	Energy Micro EFR32BG1B232F256GM48-B0	Energy Micro (Silicon Labs) EFR32BG1B232F256GM48-B0
Silicon Laboratories EFR32BG1B232F256GM48-B0	Silicon Labs EFR32BG1B232F256GM48-B0	

Related Products

 EFR32BG1B232F256GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32VFQFN In stock: Out stock RFQ	 EFR32BG1B232F256GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: Out stock RFQ
 EFR32BG1B232F256GJ43-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 43CSP In stock: Out stock RFQ	 EFR32BG1P232F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO PREMIUM In stock: 490 pcs RFQ
 EFR32BG1B232F256IM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: Out stock RFQ	 EFR32BG1B232F256GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ
 EFR32BG1B232F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ	 EFR32BG1B232F256GJ43-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 43CSP In stock: 37 pcs RFQ
 EFR32BG1B232F256GM48-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48VFQFN In stock: Out stock RFQ	 EFR32BG1B232F256GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32VFQFN In stock: Out stock RFQ
 EFR32BG1B232F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: 770 pcs RFQ	 EFR32BG1B232F256IM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: Out stock RFQ