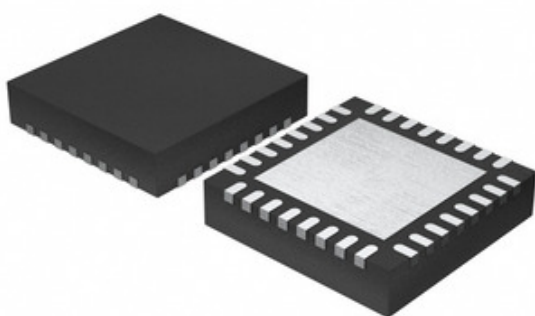




Energy Micro (Silicon Labs)



Part Number:EFR32BG1B232F256GM32-B0R

Manufacturer/Brand:Energy Micro (Silicon Labs)

Product description:IC RF TXRX+MCU BLUETOOTH 32VFQFN

Datasheets: [EFR32BG1B232F256GM32-B0R.pdf](#)

RoHS Status: Lead free / RoHS Compliant

Ship From:Hong Kong

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

REQUEST FOR QUOTATION

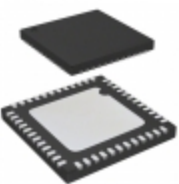
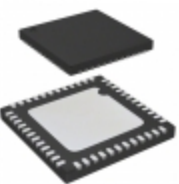
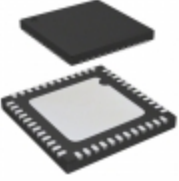
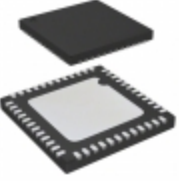
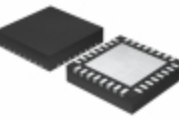
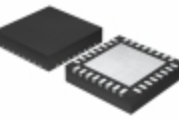
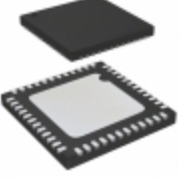
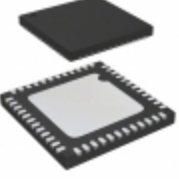
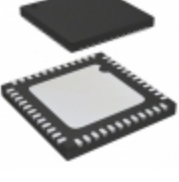
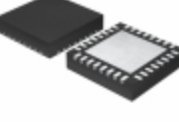
Specifications of EFR32BG1B232F256GM32-B0R

PART NUMBER	EFR32BG1B232F256GM32-B0R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU BLUETOOTH 32VFQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFR32BG1B232F256GM32-B0R.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	Tape & Reel (TR)
PACKAGE / CASE	32-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	256kB Flash, 32kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	16
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU Bluetooth Bluetooth v4.0 2.4GHz 32-VFQFN Exposed Pad
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.8mA ~ 133mA
CURRENT - RECEIVING	8.7mA

Related Tags

Energy Micro (Silicon Labs) EFR32BG1B232F256GM32-B0R	EFR32BG1B232F256GM32-B0R Distributor	EFR32BG1B232F256GM32-B0R Supplier
EFR32BG1B232F256GM32-B0R Price	EFR32BG1B232F256GM32-B0R Pictures	EFR32BG1B232F256GM32-B0R Image
EFR32BG1B232F256GM32-B0R PDF Datasheet	EFR32BG1B232F256GM32-B0R Download Datasheet	EFR32BG1B232F256GM32-B0R Datasheet
EFR32BG1B232F256GM32-B0R Stock	Buy EFR32BG1B232F256GM32-B0R	Buy Energy Micro (Silicon Labs) EFR32BG1B232F256GM32-B0R
Energy Micro (Silicon Labs) EFR32BG1B232F256GM32-B0R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFR32BG1B232F256GM32-B0R	Energy Micro EFR32BG1B232F256GM32-B0R	Energy Micro (Silicon Labs) EFR32BG1B232F256GM32-B0R
Silicon Laboratories EFR32BG1B232F256GM32-B0R	Silicon Labs EFR32BG1B232F256GM32-B0R	

Related Products

 EFR32BG1B232F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: 770 pcs RFQ	 EFR32BG1B232F128GM48-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: Out stock RFQ
 EFR32BG1B232F128GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: Out stock RFQ	 EFR32BG1B232F256GM48-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48VFQFN In stock: Out stock RFQ
 EFR32BG1B232F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ	 EFR32BG1B232F256GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32VFQFN In stock: Out stock RFQ
 EFR32BG1B232F256GM48-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48VFQFN In stock: Out stock RFQ	 EFR32BG1B232F256GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: Out stock RFQ
 EFR32BG1B232F128GM48-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
 EFR32BG1B232F256GM32-C0R 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