

SILICON LABS

Energy Micro (Silicon Labs)



EFR32BG1B232F256GJ43-C0R

Part Number:	EFR32BG1B232F256GJ43-C0R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC RF TXRX+MCU BLUETOOTH 43CSP
Datasheets:	 EFR32BG1B232F256GJ43-C0R.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.

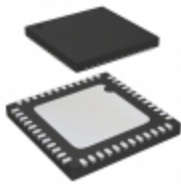
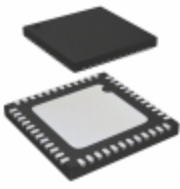
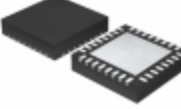
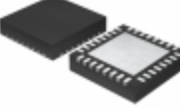
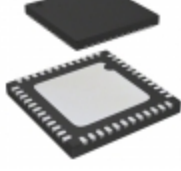
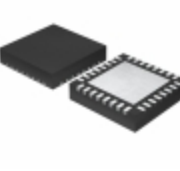
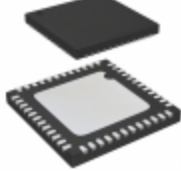
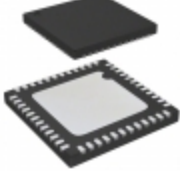
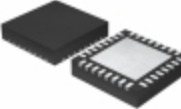
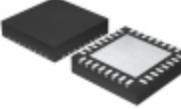
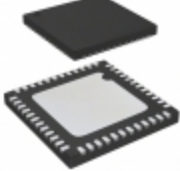
Specifications of EFR32BG1B232F256GJ43-C0R

PART NUMBER	EFR32BG1B232F256GJ43-C0R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU BLUETOOTH 43CSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFR32BG1B232F256GJ43-C0R.pdf
VOLTAGE - SUPPLY	1.85 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I ² C, SPI, UART
SENSITIVITY	-99dBm
RF FAMILY/STANDARD	Bluetooth
PROTOCOL	Bluetooth v4.0
POWER - OUTPUT	19.5dBm
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	43-UFBGA, CSPBGA
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MODULATION	2-FSK, 4-FSK, DSSS, GFSK, GMSK, O-QPSK
MEMORY SIZE	256kB Flash, 32kB RAM
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	19
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU Bluetooth Bluetooth v4.0 2.4GHz 43-UFBGA, CSPBGA
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.2mA
CURRENT - RECEIVING	8.7mA

Related Tags

Energy Micro (Silicon Labs) EFR32BG1B232F256GJ43-C0R	EFR32BG1B232F256GJ43-C0R Distributor	EFR32BG1B232F256GJ43-C0R Supplier
EFR32BG1B232F256GJ43-C0R Price	EFR32BG1B232F256GJ43-C0R Pictures	EFR32BG1B232F256GJ43-C0R Image
EFR32BG1B232F256GJ43-C0R PDF Datasheet	EFR32BG1B232F256GJ43-C0R Download Datasheet	EFR32BG1B232F256GJ43-C0R Datasheet
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Related Products

 EFR32BG1B232F128GM48-B0 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
 EFR32BG1B232F256GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32VFQFN 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-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48VFQFN In stock: Out stock RFQ	 EFR32BG1B232F256GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ
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 EFR32BG1B232F128GM32-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
 EFR32BG1B232F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ	 EFR32BG1B232F128GM48-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: Out stock RFQ