



Energy Micro (Silicon Labs)



Part Number:	EFR32BG1B232F256IM32-C0R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	BLUE GECKO
Datasheets:	
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.

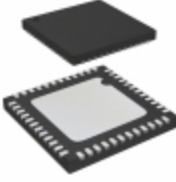
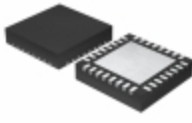
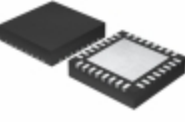
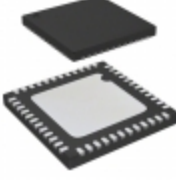
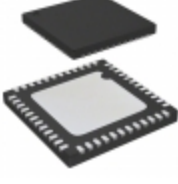
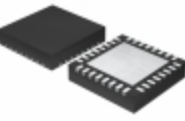
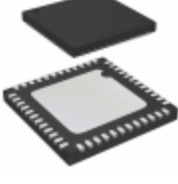
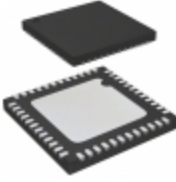
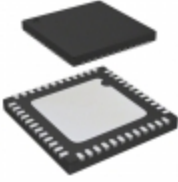
Specifications of EFR32BG1B232F256IM32-C0R

PART NUMBER	EFR32BG1B232F256IM32-C0R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	BLUE GECKO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Blue Gecko
SERIAL INTERFACES	I²C, I²S, SPI, UART
RF FAMILY/STANDARD	Bluetooth
PROTOCOL	Bluetooth v4.0
POWER - OUTPUT	10.5dBm
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MEMORY SIZE	256kB Flash, 32kB RAM
MANUFACTURER STANDARD LEAD TIME	6 Weeks
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
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.2mA ~ 126.7mA

Related Tags

Energy Micro (Silicon Labs) EFR32BG1B232F256IM32-C0R	EFR32BG1B232F256IM32-C0R Distributor	EFR32BG1B232F256IM32-C0R Supplier
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Related Products

 EFR32BG1B232F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: 770 pcs RFQ	 EFR32BG1P232F256GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO PREMIUM In stock: Out stock RFQ
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 EFR32BG1P232F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO PREMIUM In stock: 152 pcs RFQ	 EFR32BG1P232F256IM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO PROPRIETARY In stock: Out stock RFQ
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