



Energy Micro (Silicon Labs)



EFR32BG1V132F128GM32-C0

Part Number:	EFR32BG1V132F128GM32-C0
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC RF TXRX+MCU BLUETOOTH 32QFN
Datasheets:	 EFR32BG1V132F128GM32-C0.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.

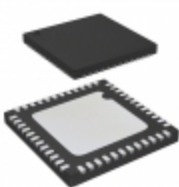
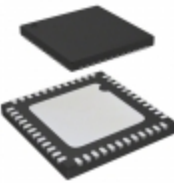
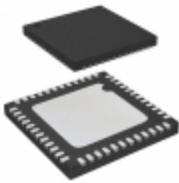
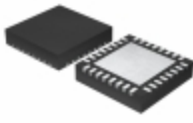
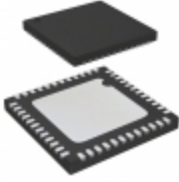
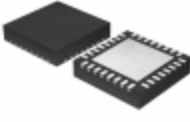
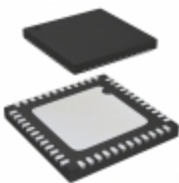
Specifications of EFR32BG1V132F128GM32-C0

PART NUMBER	EFR32BG1V132F128GM32-C0
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC RF TXRX+MCU BLUETOOTH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFR32BG1V132F128GM32-C0.pdf
VOLTAGE - SUPPLY	1.85 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I ² C, I ² S, SPI, UART
SENSITIVITY	-94dBm
RF FAMILY/STANDARD	Bluetooth
PROTOCOL	Bluetooth v4.0
POWER - OUTPUT	0dBm
PACKAGING	Tray
PACKAGE / CASE	32-VFQFN Exposed Pad
OTHER NAMES	336-4612 EFR32BG1V132F128GM32-C0-ND
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	2FSK, 4FSK, GFSK, GMSK, OQPSK
MEMORY SIZE	128kB Flash, 16kB 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 32-VFQFN Exposed Pad
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.2mA ~ 126.7mA
CURRENT - RECEIVING	8.7mA

Related Tags

Energy Micro (Silicon Labs) EFR32BG1V132F128GM32-C0	EFR32BG1V132F128GM32-C0 Distributor	EFR32BG1V132F128GM32-C0 Supplier
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EFR32BG1V132F128GM32-C0 PDF Datasheet	EFR32BG1V132F128GM32-C0 Download Datasheet	EFR32BG1V132F128GM32-C0 Datasheet
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Related Products

 EFR32BG1V132F128GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ	 EFR32BG1V132F128GM48-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: Out stock RFQ
 EFR32BG1V132F128GM48-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: Out stock RFQ	 EFR32BG1P333F256GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO PREMIUM, DUAL-BAND, 2 In stock: Out stock RFQ
 EFR32BG1V132F256GJ43-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 43CSP In stock: 80 pcs RFQ	 EFR32BG1P333F256IM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO PROPRIETARY In stock: Out stock RFQ
 EFR32BG1V132F128GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ	 EFR32BG1V132F128GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: Out stock RFQ
 EFR32BG1P333F256IM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO PROPRIETARY In stock: Out stock RFQ	 EFR32BG1V132F128GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 32QFN In stock: Out stock RFQ
 EFR32BG1P333F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO PREMIUM, DUAL-BAND, 2 In stock: 431 pcs RFQ	 EFR32BG1V132F128GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU BLUETOOTH 48QFN In stock: 520 pcs RFQ