



Energy Micro (Silicon Labs)

EFR32MG1B732F256GM32-C0

Part Number:	EFR32MG1B732F256GM32-C0
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC TXRX+MCU 802.15.4/BLE 32QFN
Datasheets:	EFR32MG1B732F256GM32-C0.pdf
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	15948 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of EFR32MG1B732F256GM32-C0

PART NUMBER	EFR32MG1B732F256GM32-C0
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC TXRX+MCU 802.15.4/BLE 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15948 pcs
DATA SHEET	EFR32MG1B732F256GM32-C0.pdf
VOLTAGE - SUPPLY	2.3 V ~ 3.6 V
TYPE	TxRx + MCU
SERIES	Mighty Gecko
SERIAL INTERFACES	I ² C, SPI, UART
SENSITIVITY	-99dBm
RF FAMILY/STANDARD	802.15.4, Bluetooth
PROTOCOL	Bluetooth v4.0, Zigbee®
POWER - OUTPUT	19.5dBm
PACKAGING	Tube
PACKAGE / CASE	32-VFQFN Exposed Pad
OTHER NAMES	336-3689
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	2-FSK, 4-FSK, DSSS, GFSK, GMSK, O-QPSK
MEMORY SIZE	768kB Flash, 32kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	16
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v4.0, Zigbee® 2.4GHz 32-VFQFN Exposed Pad
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.2mA ~ 126.7mA
CURRENT - RECEIVING	8.7mA ~ 9.8mA

Related Tags

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<p>EFR32MG1P132F256GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 32QFN In stock: 17868 pcs RFQ</p>	<p>EFR32MG1B732F256GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC TXRX+MCU 802.15.4/BLE 32QFN In stock: 18577 pcs RFQ</p>
<p>EFR32MG1B232F256IM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC SOC 32KB 245KB FLASH 48QFN In stock: 20602 pcs RFQ</p>	<p>EFR32MG1P132F256GM48-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 48QFN In stock: 14802 pcs RFQ</p>
<p>EFR32MG1P132F256GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 32-QFN In stock: 18106 pcs RFQ</p>	<p>EFR32MG1P132F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 32-QFN In stock: 20281 pcs RFQ</p>
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<p>EFR32MG1B232F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-QFN In stock: 17478 pcs RFQ</p>	<p>EFR32MG1B632F256GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC TXRX+MCU 802.15.4/BLE 32QFN In stock: 20212 pcs RFQ</p>
<p>EFR32MG1B632F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC TXRX+MCU 802.15.4/BLE 32QFN In stock: 20755 pcs RFQ</p>	<p>EFR32MG1B232F256GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-QFN In stock: 21768 pcs RFQ</p>

