



Energy Micro (Silicon Labs)

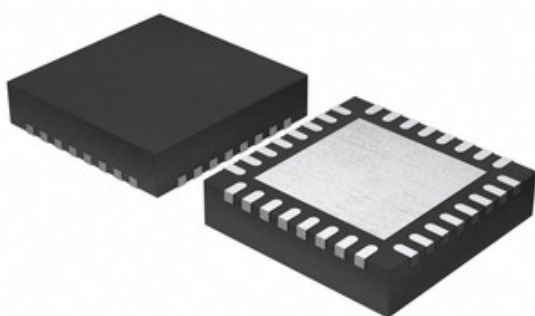


Image may be representation. See specifications for product details.

EFR32MG1B232F256GM32-B0

Part Number:	EFR32MG1B232F256GM32-B0
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB 32QFN
Datasheets:	 EFR32MG1B232F256GM32-B0.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	17363 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

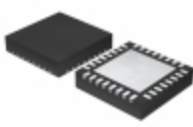
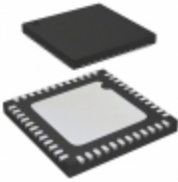
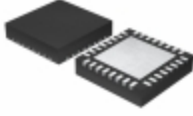
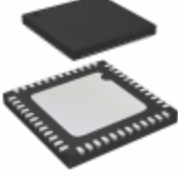
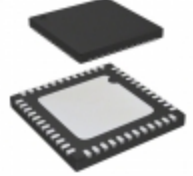
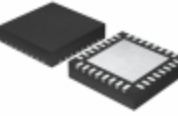
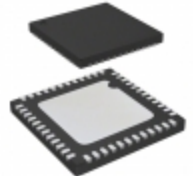
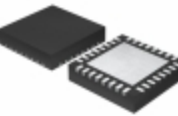
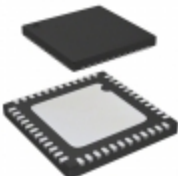
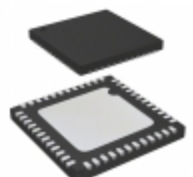
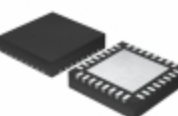
Specifications of EFR32MG1B232F256GM32-B0

PART NUMBER	EFR32MG1B232F256GM32-B0
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17363 pcs
DATA SHEET	 EFR32MG1B232F256GM32-B0.pdf
TYPE	TxRx + MCU
SERIES	Mighty Gecko
SERIAL INTERFACES	I ² C, SPI, UART
SENSITIVITY	-99dBm
RF FAMILY/STANDARD	802.15.4
PROTOCOL	Zigbee®
POWER - OUTPUT	19.5dBm
PACKAGING	Tray
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	31
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4 Zigbee® 2.4GHz 32-VFQFN Exposed Pad
DATA RATE (MAX)	1Mbps
CURRENT - TRANSMITTING	8.2mA
CURRENT - RECEIVING	8.6mA ~ 9.1mA

Related Tags

Energy Micro (Silicon Labs) EFR32MG1B232F256GM32-B0	EFR32MG1B232F256GM32-B0 Distributor	EFR32MG1B232F256GM32-B0 Supplier
EFR32MG1B232F256GM32-B0 Price	EFR32MG1B232F256GM32-B0 Pictures	EFR32MG1B232F256GM32-B0 Image
EFR32MG1B232F256GM32-B0 PDF Datasheet	EFR32MG1B232F256GM32-B0 Download Datasheet	EFR32MG1B232F256GM32-B0 Datasheet
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Energy Micro (Silicon Labs) EFR32MG1B232F256GM32-B0	Energy Micro EFR32MG1B232F256GM32-B0	Energy Micro (Silicon Labs) EFR32MG1B232F256GM32-B0
Silicon Laboratories EFR32MG1B232F256GM32-B0	Silicon Labs EFR32MG1B232F256GM32-B0	

Related Products

 EFR32MG1B132F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 22992 pcs RFQ	 EFR32MG1B232F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-QFN In stock: 17478 pcs RFQ
 EFR32MG1B232F256GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 32QFN In stock: 15043 pcs RFQ	 EFR32MG1B232F256GM48-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 48QFN In stock: 13535 pcs RFQ
 EFR32MG1B132F256GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 48-QFN In stock: 21422 pcs RFQ	 EFR32MG1B232F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 32-QFN In stock: 18073 pcs RFQ
 EFR32MG1B132F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 21907 pcs RFQ	 EFR32MG1B132F256GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 32-QFN In stock: 25493 pcs RFQ
 EFR32MG1B232F256GM48-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 48QFN In stock: 15657 pcs RFQ	 EFR32MG1B132F256GM48-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 48QFN In stock: 15461 pcs RFQ
 EFR32MG1B132F256GM48-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB 48QFN In stock: 19373 pcs RFQ	 EFR32MG1B232F256GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC RF TXRX+MCU 802.15.4 32-QFN In stock: 18898 pcs RFQ