



Energy Micro (Silicon Labs)



Part Number:

Manufacturer/Brand:

Product description

EFR32MG12P232F512GM68-C

Energy Micro (Silicon Labs)

MIGHTY GECKO MESH MULTI-PROTOCOL

PDF

1.EFR32MG12P232F512GM68-C.pdf

PDF

2.EFR32MG12P232F512GM68-C.pdf

PDF

3.EFR32MG12P232F512GM68-C.pdf

RoHS

Lead free / RoHS Compliant

Hong Kong

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

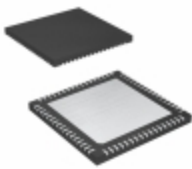
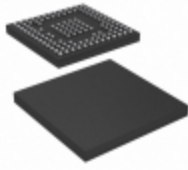
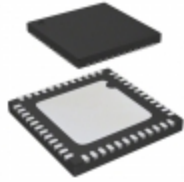
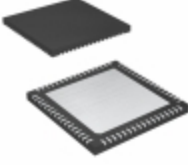
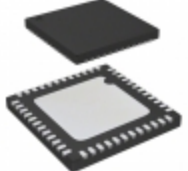
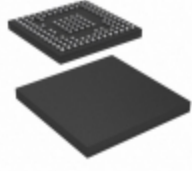
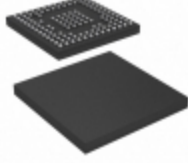
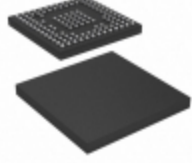
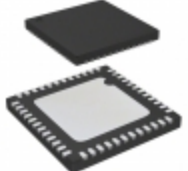
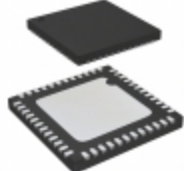
Specifications of EFR32MG12P232F512GM68-C

PART NUMBER	EFR32MG12P232F512GM68-C
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY GECKO MESH MULTI-PROTOCOL
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.EFR32MG12P232F512GM68-C.pdf PDF 2.EFR32MG12P232F512GM68-C.pdf PDF 3.EFR32MG12P232F512GM68-C.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Mighty Gecko
SERIAL INTERFACES	I ² C, I ² S, SPI, UART
SENSITIVITY	-126.2dBm
RF FAMILY/STANDARD	802.15.4, Bluetooth
PROTOCOL	Bluetooth v5.0, Wireless M-Bus, Zigbee®
POWER - OUTPUT	0dBm
PACKAGING	Tray
PACKAGE / CASE	68-VFQFN Exposed Pad
OTHER NAMES	336-5104
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	2-FSK, 4-FSK, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, OOK, O-QPSK
MEMORY SIZE	512kB Flash, 128kB RAM
MANUFACTURER STANDARD LEAD TIME	8 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	31
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v5.0, Wireless M-Bus, Zigbee® 2.4GHz 68-VFQFN Exposed Pad
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.5mA ~ 35.3mA
CURRENT - RECEIVING	8.4mA ~ 10mA

Related Tags

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Related Products

 EFR32MG12P232F512GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: Out stock RFQ	 EFR32MG12P232F1024GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: Out stock RFQ
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 EFR32MG12P332F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 10DB MES In stock: 260 pcs RFQ	 EFR32MG12P232F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 19DB MES In stock: 313 pcs RFQ