



Energy Micro (Silicon Labs)



Part Number:EFR32MG12P232F512GM68-C

Manufacturer/Brand:Energy Micro (Silicon Labs)

Product description:MIGHTY GECKO MESH MULTI-PROTOCOL

1.EFR32MG12P232F512GM68-C.pdf

2.EFR32MG12P232F512GM68-C.pdf

3.EFR32MG12P232F512GM68-C.pdf

Datasheets:

RoHs Status:Lead free / RoHS Compliant

Stock Condition:13707 pcs stock

Ship From:Hong Kong

Shipment Way:DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

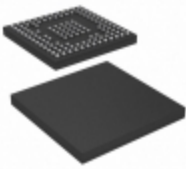
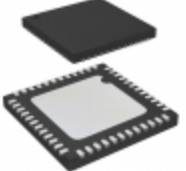
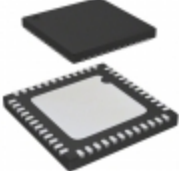
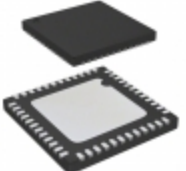
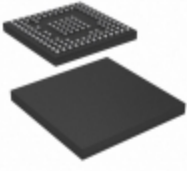
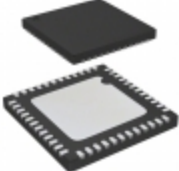
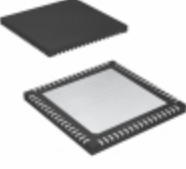
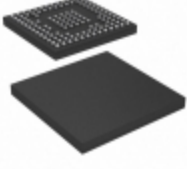
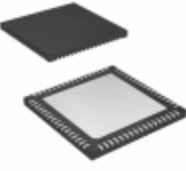
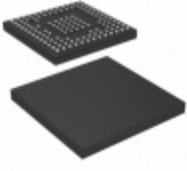
Specifications of EFR32MG12P232F512GM68-C

PART NUMBER	EFR32MG12P232F512GM68-C
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY GECKO MESH MULTI-PROTOCOL
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13707 pcs
DATA SHEET	1.EFR32MG12P232F512GM68-C.pdf 2.EFR32MG12P232F512GM68-C.pdf 3.EFR32MG12P232F512GM68-C.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Mighty Gecko
SERIAL INTERFACES	I²C, I²S, 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
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

Energy Micro (Silicon Labs) EFR32MG12P232F512GM68-C	EFR32MG12P232F512GM68-C Distributor	EFR32MG12P232F512GM68-C Supplier
EFR32MG12P232F512GM68-C Price	EFR32MG12P232F512GM68-C Pictures	EFR32MG12P232F512GM68-C Image
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Silicon Laboratories EFR32MG12P232F512GM68-C	Silicon Labs EFR32MG12P232F512GM68-C	

Related Products

 EFR32MG12P332F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO BGA125 2.4G 10DB ME In stock: 11624 pcs RFQ	 EFR32MG12P232F512GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 12812 pcs RFQ
 EFR32MG12P232F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 19DB MES In stock: 13319 pcs RFQ	 EFR32MG12P332F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 10DB MES In stock: 12460 pcs RFQ
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