



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFR32MG12P232F512GM68-CR

Part Number:	EFR32MG12P232F512GM68-CR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	MIGHTY GECKO MESH MULTI-PROTOCOL
	 1.EFR32MG12P232F512GM68-CR.pdf
	 2.EFR32MG12P232F512GM68-CR.pdf
	 3.EFR32MG12P232F512GM68-CR.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	12812 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

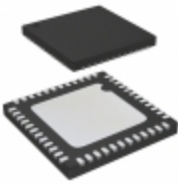
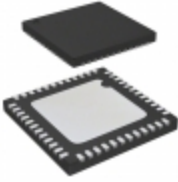
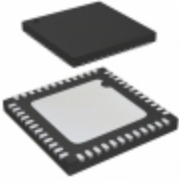
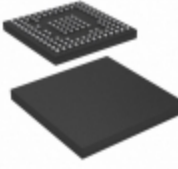
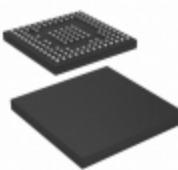
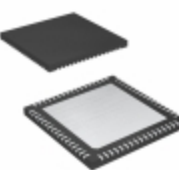
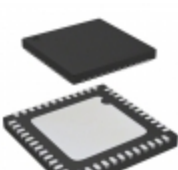
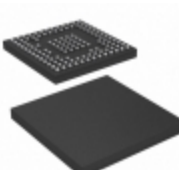
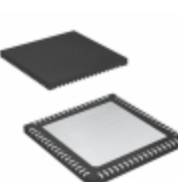
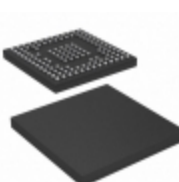
Specifications of EFR32MG12P232F512GM68-CR

PART NUMBER	EFR32MG12P232F512GM68-CR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	MIGHTY GECKO MESH MULTI-PROTOCOL
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12812 pcs
DATA SHEET	 1.EFR32MG12P232F512GM68-CR.pdf  2.EFR32MG12P232F512GM68-CR.pdf  3.EFR32MG12P232F512GM68-CR.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	Tape & Reel (TR)
PACKAGE / CASE	68-VFQFN Exposed Pad
OTHER NAMES	336-5099-2
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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-CR	EFR32MG12P232F512GM68-CR Distributor	EFR32MG12P232F512GM68-CR Supplier
EFR32MG12P232F512GM68-CR Price	EFR32MG12P232F512GM68-CR Pictures	EFR32MG12P232F512GM68-CR Image
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Silicon Laboratories EFR32MG12P232F512GM68-CR	Silicon Labs EFR32MG12P232F512GM68-CR	

Related Products

 EFR32MG12P232F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 12130 pcs RFQ	 EFR32MG12P232F512GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO MESH MULTI-PROTOCOL In stock: 13707 pcs RFQ
 EFR32MG12P332F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 10DB MES In stock: 12460 pcs RFQ	 EFR32MG12P232F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO QFN48 2.4G 19DB MES In stock: 13319 pcs RFQ
 EFR32MG12P332F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 9589 pcs RFQ	 EFR32MG12P232F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: MIGHTY GECKO In stock: 11319 pcs RFQ
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