



EFR32BG12P232F512GM68-C

Part Number:	EFR32BG12P232F512GM68-C
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	BLUE GECKO QFN68 2.4G 10DB BLE/P PDF 1.EFR32BG12P232F512GM68-C.pdf PDF 2.EFR32BG12P232F512GM68-C.pdf PDF 3.EFR32BG12P232F512GM68-C.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

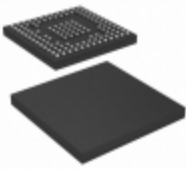
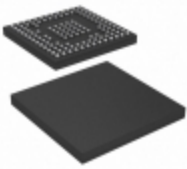
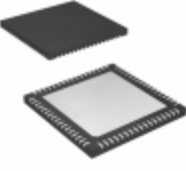
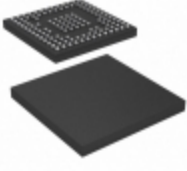
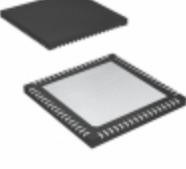
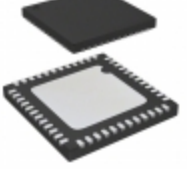
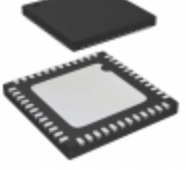
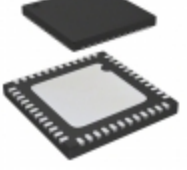
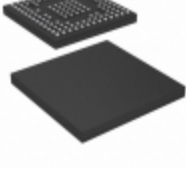
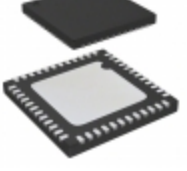
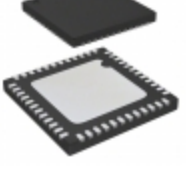
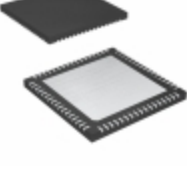
Specifications of EFR32BG12P232F512GM68-C

PART NUMBER	EFR32BG12P232F512GM68-C
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	BLUE GECKO QFN68 2.4G 10DB BLE/P
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.EFR32BG12P232F512GM68-C.pdf PDF 2.EFR32BG12P232F512GM68-C.pdf PDF 3.EFR32BG12P232F512GM68-C.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	EFR32™ Blue Gecko
SERIAL INTERFACES	I²C, I²S, SPI, UART
SENSITIVITY	-126.2dBm
RF FAMILY/STANDARD	802.15.4, Bluetooth
PROTOCOL	Bluetooth v5.0, Wireless M-Bus
POWER - OUTPUT	10dBm
PACKAGING	Tray
PACKAGE / CASE	68-VFQFN Exposed Pad
OTHER NAMES	336-5101
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
MANUFACTURER STANDARD LEAD TIME	6 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 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) EFR32BG12P232F512GM68-C	EFR32BG12P232F512GM68-C Distributor	EFR32BG12P232F512GM68-C Supplier
EFR32BG12P232F512GM68-C Price	EFR32BG12P232F512GM68-C Pictures	EFR32BG12P232F512GM68-C Image
EFR32BG12P232F512GM68-C PDF Datasheet	EFR32BG12P232F512GM68-C Download Datasheet	EFR32BG12P232F512GM68-C Datasheet
EFR32BG12P232F512GM68-C Stock	Buy EFR32BG12P232F512GM68-C	Buy Energy Micro (Silicon Labs) EFR32BG12P232F512GM68-C
Energy Micro (Silicon Labs) EFR32BG12P232F512GM68-C	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories EFR32BG12P232F512GM68-C	Silicon Labs EFR32BG12P232F512GM68-C	

Related Products

 EFR32BG12P332F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 2.4G 10DB BLE/ In stock: Out stock RFQ	 EFR32BG12P332F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 2.4G 10DB BLE/ In stock: Out stock RFQ
 EFR32BG12P232F512GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN68 2.4G 10DB BLE/P In stock: Out stock RFQ	 EFR32BG12P332F1024GL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: Out stock RFQ
 EFR32BG12P232F1024GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN68 2.4G 10DB BLE/P In stock: 520 pcs RFQ	 EFR32BG12P232F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: Out stock RFQ
 EFR32BG12P232F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN48 2.4G 10DB BLE/P In stock: 260 pcs RFQ	 EFR32BG12P232F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN48 2.4G 10DB BLE/P In stock: Out stock RFQ
 EFR32BG12P332F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: Out stock RFQ	 EFR32BG12P232F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: Out stock RFQ
 EFR32BG12P332F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN48 2.4G 10DB BLE/P In stock: 260 pcs RFQ	 EFR32BG12P232F1024GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN68 2.4G 10DB BLE/P In stock: Out stock RFQ