

**SILICON LABS**

Energy Micro (Silicon Labs)

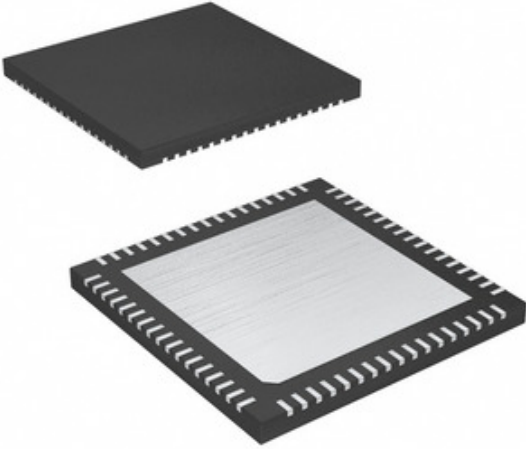


Image may be representation. See specifications for product details.

EFR32BG12P433F1024GM68-CR

Part Number:	EFR32BG12P433F1024GM68-CR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	BLUE GECKO QFN68 DUAL 19DB BLE/P PDF 1.EFR32BG12P433F1024GM68-CR.pdf PDF 2.EFR32BG12P433F1024GM68-CR.pdf PDF 3.EFR32BG12P433F1024GM68-CR.pdf PDF 4.EFR32BG12P433F1024GM68-CR.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	Hong Kong
Ship From	DHL/Fedex/TNT/UPS/EMS
Shipment Way	

REQUEST FOR QUOTATION

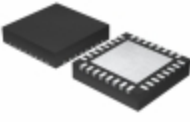
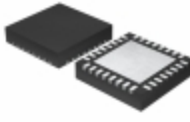
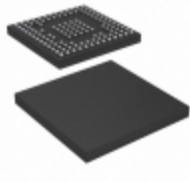
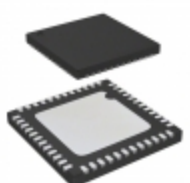
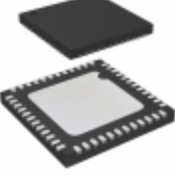
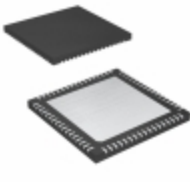
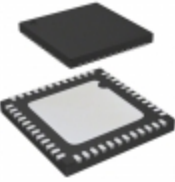
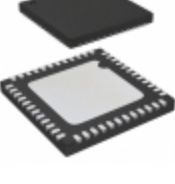
Specifications of EFR32BG12P433F1024GM68-CR

PART NUMBER	EFR32BG12P433F1024GM68-CR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	BLUE GECKO QFN68 DUAL 19DB BLE/P
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.EFR32BG12P433F1024GM68-CR.pdf PDF 2.EFR32BG12P433F1024GM68-CR.pdf PDF 3.EFR32BG12P433F1024GM68-CR.pdf PDF 4.EFR32BG12P433F1024GM68-CR.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	19dBm
PACKAGING	Original-Reel®
PACKAGE / CASE	68-VFQFN Exposed Pad
OTHER NAMES	336-5097-6
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	1024kB Flash, 256kB RAM
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	28
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) EFR32BG12P433F1024GM68-CR	EFR32BG12P433F1024GM68-CR Distributor	EFR32BG12P433F1024GM68-CR Supplier
EFR32BG12P433F1024GM68-CR Price	EFR32BG12P433F1024GM68-CR Pictures	EFR32BG12P433F1024GM68-CR Image
EFR32BG12P433F1024GM68-CR PDF Datasheet	EFR32BG12P433F1024GM68-CR Download Datasheet	EFR32BG12P433F1024GM68-CR Datasheet
EFR32BG12P433F1024GM68-CR Stock	Buy EFR32BG12P433F1024GM68-CR	Buy Energy Micro (Silicon Labs) EFR32BG12P433F1024GM68-CR
Energy Micro (Silicon Labs) EFR32BG12P433F1024GM68-CR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFR32BG12P433F1024GM68-CR	Energy Micro EFR32BG12P433F1024GM68-CR	Energy Micro (Silicon Labs) EFR32BG12P433F1024GM68-CR
Silicon Laboratories EFR32BG12P433F1024GM68-CR	Silicon Labs EFR32BG12P433F1024GM68-CR	

Related Products

 EFR32BG13P532F512GM32-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN32 2.4G 0DB BLE MU In stock: Out stock RFQ	 EFR32BG13P532F512GM32-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO MULTI-PROTOCOL In stock: Out stock RFQ
 EFR32BG12P433F1024GL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: Out stock RFQ	 EFR32BG13P532F512GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 0 DBM BL In stock: Out stock RFQ
 EFR32BG12P433F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN48 DUAL 19DB BLE/P In stock: 440 pcs RFQ	 EFR32BG13P532F512GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 0 DBM BL In stock: Out stock RFQ
 EFR32BG13P532F512GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 0 DBM BL In stock: 255 pcs RFQ	 EFR32BG12P433F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: Out stock RFQ
 EFR32BG12P433F1024GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN68 DUAL 19DB BLE/P In stock: 520 pcs RFQ	 EFR32BG12P433F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN48 DUAL 19DB BLE/P In stock: Out stock RFQ
 EFR32BG13P532F512GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 0 DBM BL In stock: Out stock RFQ	 EFR32BG12P433F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: Out stock RFQ

