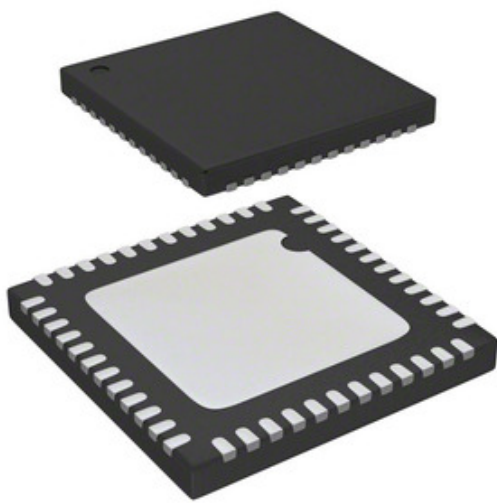




Energy Micro (Silicon Labs)



EFR32BG12P232F1024GM48-B

Part Number:	EFR32BG12P232F1024GM48-B
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	BLUE GECKO QFN48 2.4G 10DB BLE/P
Datasheets:	 1.EFR32BG12P232F1024GM48-B.pdf
	 2.EFR32BG12P232F1024GM48-B.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	14156 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

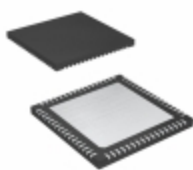
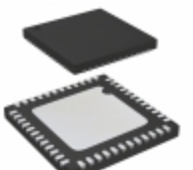
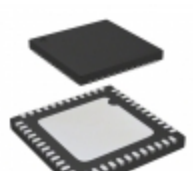
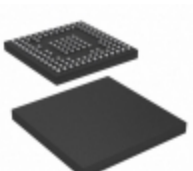
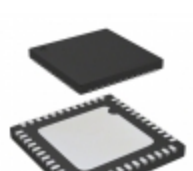
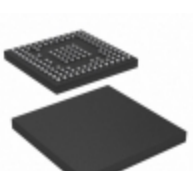
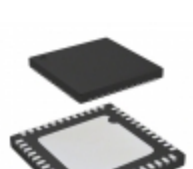
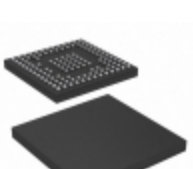
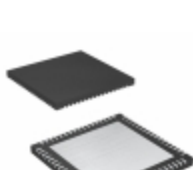
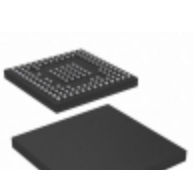
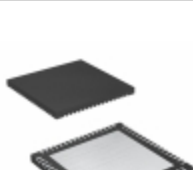
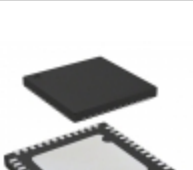
Specifications of EFR32BG12P232F1024GM48-B

PART NUMBER	EFR32BG12P232F1024GM48-B
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	BLUE GECKO QFN48 2.4G 10DB BLE/P
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14156 pcs
DATA SHEET	 1.EFR32BG12P232F1024GM48-B.pdf  2.EFR32BG12P232F1024GM48-B.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	Blue Gecko
SERIAL INTERFACES	I²C, I²S, SPI, UART
SENSITIVITY	-102dBm
RF FAMILY/STANDARD	Bluetooth
PROTOCOL	Bluetooth v4.0
POWER - OUTPUT	10dBm
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	336-5490 EFR32BG12P232F1024GM48-B-ND
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	2-FSK, 4-FSK, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, O-QPSK
MEMORY SIZE	1024kB Flash, 128kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	31
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU Bluetooth Bluetooth v4.0 2.4GHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.2mA ~ 126.7mA
CURRENT - RECEIVING	8mA ~ 10.8mA

Related Tags

Energy Micro (Silicon Labs) EFR32BG12P232F1024GM48-B	EFR32BG12P232F1024GM48-B Distributor	EFR32BG12P232F1024GM48-B Supplier
EFR32BG12P232F1024GM48-B Price	EFR32BG12P232F1024GM48-B Pictures	EFR32BG12P232F1024GM48-B Image
EFR32BG12P232F1024GM48-B PDF Datasheet	EFR32BG12P232F1024GM48-B Download Datasheet	EFR32BG12P232F1024GM48-B Datasheet
EFR32BG12P232F1024GM48-B Stock	Buy EFR32BG12P232F1024GM48-B	Buy Energy Micro (Silicon Labs) EFR32BG12P232F1024GM48-B
Energy Micro (Silicon Labs) EFR32BG12P232F1024GM48-B	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFR32BG12P232F1024GM48-B	Energy Micro EFR32BG12P232F1024GM48-B	Energy Micro (Silicon Labs) EFR32BG12P232F1024GM48-B
Silicon Laboratories EFR32BG12P232F1024GM48-B	Silicon Labs EFR32BG12P232F1024GM48-B	

Related Products

 EFR32BG12P232F512GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN68 2.4G 10DB BLE/P In stock: 8949 pcs RFQ	 EFR32BG12P232F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 16600 pcs RFQ
 EFR32BG12P232F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 14124 pcs RFQ	 EFR32BG12P232F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 13832 pcs RFQ
 EFR32BG12P232F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN48 2.4G 10DB BLE/P In stock: 14834 pcs RFQ	 EFR32BG12P232F1024GL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 15842 pcs RFQ
 EFR32BG12P132F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 17749 pcs RFQ	 EFR32BG12P232F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 2.4G 10DB BLE/ In stock: 12075 pcs RFQ
 EFR32BG12P232F1024GM68-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN68 2.4G 10DB BLE/P In stock: 8929 pcs RFQ	 EFR32BG12P232F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO BGA125 2.4G 10DB BLE/ In stock: 11850 pcs RFQ
 EFR32BG12P232F1024GM68-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN68 2.4G 10DB BLE/P In stock: 15268 pcs RFQ	 EFR32BG12P132F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO In stock: 17355 pcs RFQ