



Energy Micro (Silicon Labs)



EFR32BG1P232F256GM48-C0

Part Number:	EFR32BG1P232F256GM48-C0
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	BLUE GECKO PREMIUM
Datasheets:	 EFR32BG1P232F256GM48-C0.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	19588 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

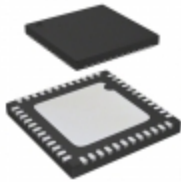
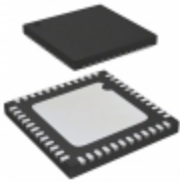
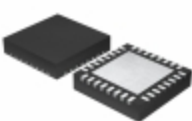
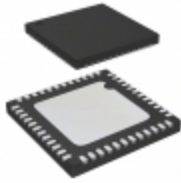
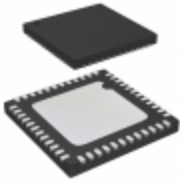
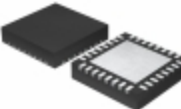
Specifications of EFR32BG1P232F256GM48-C0

PART NUMBER	EFR32BG1P232F256GM48-C0
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	BLUE GECKO PREMIUM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19588 pcs
DATA SHEET	 EFR32BG1P232F256GM48-C0.pdf
VOLTAGE - SUPPLY	1.85 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	-
SERIAL INTERFACES	I²C, SPI, UART
SENSITIVITY	-94dBm
RF FAMILY/STANDARD	Bluetooth
PROTOCOL	Bluetooth v4.0
POWER - OUTPUT	10.5dBm
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 85°C
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MODULATION	2FSK, 4FSK, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, OOK, O-QPSK
MEMORY SIZE	256kB Flash, 32kB 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	32.7mA
CURRENT - RECEIVING	8.7mA

Related Tags

Energy Micro (Silicon Labs) EFR32BG1P232F256GM48-C0	EFR32BG1P232F256GM48-C0 Distributor	EFR32BG1P232F256GM48-C0 Supplier
EFR32BG1P232F256GM48-C0 Price	EFR32BG1P232F256GM48-C0 Pictures	EFR32BG1P232F256GM48-C0 Image
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Related Products

 EFR32BG1P232F256IM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO PROPRIETARY In stock: 15588 pcs RFQ	 EFR32BG1P232F256IM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO PROPRIETARY In stock: 19604 pcs RFQ
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