



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFR32BG13P733F512GM48-B

Part Number:	EFR32BG13P733F512GM48-B
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	BLUE PREMIUM QFN48 DUAL 19 DBM B
Datasheets:	PDF 1.EFR32BG13P733F512GM48-B.pdf PDF 2.EFR32BG13P733F512GM48-B.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	13681 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

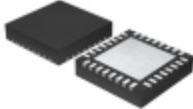
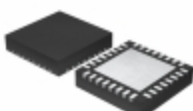
Specifications of EFR32BG13P733F512GM48-B

PART NUMBER	EFR32BG13P733F512GM48-B
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	BLUE PREMIUM QFN48 DUAL 19 DBM B
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	13681 pcs
DATA SHEET	PDF 1.EFR32BG13P733F512GM48-B.pdf PDF 2.EFR32BG13P733F512GM48-B.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	*
SERIAL INTERFACES	I²C, UART, USART
SENSITIVITY	-102dBm
RF FAMILY/STANDARD	802.15.4, General ISM < 1GHz
PROTOCOL	Bluetooth v5.0
POWER - OUTPUT	20dBm
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	512kB Flash, 64kB RAM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GPIO	28
FREQUENCY	169MHz, 315MHz, 433MHz, 490MHz, 868MHz, 915MHz, 2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4, General ISM
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.5mA ~ 134.3
CURRENT - RECEIVING	8.4mA ~ 11mA

Related Tags

Energy Micro (Silicon Labs) EFR32BG13P733F512GM48-B	EFR32BG13P733F512GM48-B Distributor	EFR32BG13P733F512GM48-B Supplier
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Related Products

 EFR32BG14P532F256GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 0DB BLE In stock: 12461 pcs RFQ	 EFR32BG13P732F512GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 19 DBM B In stock: 12829 pcs RFQ
 EFR32BG14P532F256GM32-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN32 2.4G 0DB BLE In stock: 29228 pcs RFQ	 EFR32BG13P732F512GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 19 DBM B In stock: 16665 pcs RFQ
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 EFR32BG13P732F512GM32-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN32 2.4G 19DB BLE M In stock: 8389 pcs RFQ	 EFR32BG14P532F256GM32-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN32 2.4G 0DB BLE In stock: 14176 pcs RFQ
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 EFR32BG13P733F512GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 DUAL 19 DBM B In stock: 12761 pcs RFQ	 EFR32BG13P732F512GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 19 DBM B In stock: 15331 pcs RFQ