



SILICON LABS

Energy Micro (Silicon Labs)



EFR32BG13P632F512IM48-CR

Part Number:	EFR32BG13P632F512IM48-CR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	BLUE PREMIUM QFN48 2.4G 10 DBM B
Datasheets:	 EFR32BG13P632F512IM48-CR.pdf
RoHs Status	 RoHS Compliant
Stock Condition	17512 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

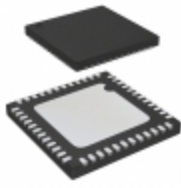
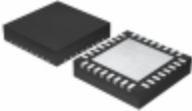
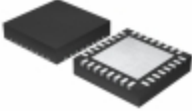
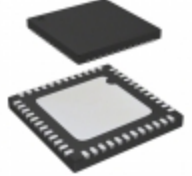
Specifications of EFR32BG13P632F512IM48-CR

PART NUMBER	EFR32BG13P632F512IM48-CR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	BLUE PREMIUM QFN48 2.4G 10 DBM B
LEAD FREE STATUS / ROHS STATUS	RoHS Compliant
QUANTITY AVAILABLE	17512 pcs
DATA SHEET	 EFR32BG13P632F512IM48-CR.pdf
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
TYPE	TxRx + MCU
SERIES	EFR32™ Blue Gecko
SERIAL INTERFACES	I²C, UART, USART
SENSITIVITY	-126dBm
ROHS STATUS	RoHS Compliant
RF FAMILY/STANDARD	802.15.4, Bluetooth
PROTOCOL	Bluetooth v5.0
POWER - OUTPUT	10dBm
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-VFQFN Exposed Pad
OPERATING TEMPERATURE	-40°C ~ 125°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
GPIO	31
FREQUENCY	2.4GHz
DETAILED DESCRIPTION	IC RF TxRx + MCU 802.15.4, Bluetooth Bluetooth v5.0 2.4GHz 48-VFQFN Exposed Pad
DATA RATE (MAX)	2Mbps
CURRENT - TRANSMITTING	8.5mA ~ 35.3mA
CURRENT - RECEIVING	8.4mA ~ 9.5mA

Related Tags

Energy Micro (Silicon Labs) EFR32BG13P632F512IM48-CR	EFR32BG13P632F512IM48-CR Distributor	EFR32BG13P632F512IM48-CR Supplier
EFR32BG13P632F512IM48-CR Price	EFR32BG13P632F512IM48-CR Pictures	EFR32BG13P632F512IM48-CR Image
EFR32BG13P632F512IM48-CR PDF Datasheet	EFR32BG13P632F512IM48-CR Download Datasheet	EFR32BG13P632F512IM48-CR Datasheet
EFR32BG13P632F512IM48-CR Stock	Buy EFR32BG13P632F512IM48-CR	Buy Energy Micro (Silicon Labs) EFR32BG13P632F512IM48-CR
Energy Micro (Silicon Labs) EFR32BG13P632F512IM48-CR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFR32BG13P632F512IM48-CR	Energy Micro EFR32BG13P632F512IM48-CR	Energy Micro (Silicon Labs) EFR32BG13P632F512IM48-CR
Silicon Laboratories EFR32BG13P632F512IM48-CR	Silicon Labs EFR32BG13P632F512IM48-CR	

Related Products

 EFR32BG13P632F512IM32-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO MULTI-PROTOCOL In stock: 16611 pcs RFQ	 EFR32BG13P732F512GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 19 DBM B In stock: 16665 pcs RFQ
 EFR32BG13P632F512GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 10 DBM B In stock: 18254 pcs RFQ	 EFR32BG13P732F512GM32-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO MULTI-PROTOCOL In stock: 18899 pcs RFQ
 EFR32BG13P732F512GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 19 DBM B In stock: 14794 pcs RFQ	 EFR32BG13P732F512GM32-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO QFN32 2.4G 19DB BLE M In stock: 8389 pcs RFQ
 EFR32BG13P732F512GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 19 DBM B In stock: 12829 pcs RFQ	 EFR32BG13P632F512IM32-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE GECKO MULTI-PROTOCOL In stock: 18762 pcs RFQ
 EFR32BG13P632F512GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 10 DBM B In stock: 17963 pcs RFQ	 EFR32BG13P632F512GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 10 DBM B In stock: 18322 pcs RFQ
 EFR32BG13P632F512IM48-C Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 10 DBM B In stock: 13542 pcs RFQ	 EFR32BG13P732F512GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: BLUE PREMIUM QFN48 2.4G 19 DBM B In stock: 15331 pcs RFQ