

## EFR32BG12P433F1024GL125-B



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Part Number: EFR32BG12P433F1024GL125-B

Manufacturer Energy Micro (Silicon Labs)

**Description** BLUE GECKO BGA125 DUAL 19DB BLE/

Data sheet: EFR32xG12 Reference Manual

EFR32BG12 Datasheet

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

RFQ

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RODUCT PARAMETER	
Part Number	EFR32BG12P433F1024GL125-B
Manufacturer	Energy Micro (Silicon Labs)
Description	BLUE GECKO BGA125 DUAL 19DB BLE/
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9497 pcs
Product Photo	EFR32BG12P433F1024GL125-B.jpg
Category	RF/IF and RFID
Voltage - Supply	1.8 V ~ 3.8 V
Туре	TxRx + MCU
Series	Blue Gecko
Serial Interfaces	I²C, I²S, SPI, UART
Sensitivity	-102dBm
RF Family/Standard	Bluetooth
Protocol	Bluetooth v4.0
Power - Output	20dBm
Packaging	Tray
Package / Case	125-VFBGA
Other Names	336-5342 EFR32BG12P433F1024GL125-B-ND
Operating Temperature	-40°C ~ 85°C
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Modulation	2-FSK, 4-FSK, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, O-QPSK
Memory Size	1024kB Flash, 256kB RAM
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
GPIO	65
Frequency	169MHz, 315MHz, 433MHz, 490MHz, 868MHz, 915MHz, 2.4GHz
Detailed Description	IC RF TxRx + MCU Bluetooth Bluetooth v4.0 169MHz, 315MHz, 433MHz, 490MHz, 868MHz, 915MHz, 2.4GHz 125-VFBGA
Data Rate (Max)	2Mbps
Current - Transmitting	8.2mA ~ 126.7mA
Current - Receiving	8mA ~ 10.8mA

**RELATED PRODUCTS** Part#: EFR32BG12P332F1024IM48-C Manufacturers: Energy Micro (Silicon Labs) RFQ

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Manufacturers: Energy Micro (Silicon Labs)

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×	Part#: EFR32BG12P432F1024GL125-C
657	
SILICON LABS	Description: BLUE GECKO BGA125 2.4G 19DB BLE/

RFQ Email: info@Components-Store.com

Description: BLUE GECKO



Part#: EFR32BG12P332F1024IM48-CR

Description: BLUE GECKO

Part#: EFR32BG12P433F1024GM68-CR Description: BLUE GECKO QFN68 DUAL 19DB BLE/P

Description: BLUE GECKO BGA125 2.4G 19DB BLE/

Part#: EFR32BG12P432F1024GL125-B

Part#: EFR32BG12P433F1024GM68-C

Part#: EFR32BG12P432F1024GL125-BR

Part#: EFR32BG12P432F1024GL125-CR

Description: BLUE GECKO QFN48 DUAL 19DB BLE/P

Description: BLUE GECKO QFN48 2.4G 19DB BLE/P

Description: BLUE GECKO QFN48 2.4G 19DB BLE/P

Part#: EFR32BG12P432F1024GM48-B

Part#: EFR32BG12P433F1024GL125-C

Part#: EFR32BG13P532F512GM32-C

Description: BLUE GECKO

Part#: EFR32BG12P433F1024GL125-BR Description: BLUE GECKO BGA125 DUAL 19DB BLE/

Part#: EFR32BG12P433F1024GM48-CR

Description: BLUE GECKO QFN68 DUAL 19DB BLE/P

Part#: EFR32BG12P432F1024GM48-C Description: BLUE GECKO QFN48 2.4G 19DB BLE/P

Description: BLUE GECKO

Description: BLUE GECKO BGA125 2.4G 19DB BLE/ Part#: EFR32BG12P433F1024GM48-BR

SILICON LABS Description: BLUE GECKO Part#: EFR32BG12P433F1024GM48-C

Part#: EFR32BG12P432F1024GM48-CR

Description: BLUE GECKO

Description: BLUE GECKO Part#: EFR32BG12P432F1024GM48-BR

Part#: EFR32BG12P433F1024GM48-B Description: BLUE GECKO QFN48 DUAL 19DB BLE/P

Energy Micro (Silicon Labs)

EFR32BG12P433F1024GL125-B

Description: BLUE GECKO QFN32 2.4G 0DB BLE MU Part#: EFR32BG12P433F1024GL125-CR

Description: BLUE GECKO

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datasheet

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