

EFR32BG12P433F1024GM48-BR Information


For Reference Only

Part Number [EFR32BG12P433F1024GM48-BR](#)
Manufacturer Silicon Labs
Category RF/IF and RFID
[RF Transceiver ICs](#)
Description BLUE GECKO QFN48 DUAL 19DB BLE/P
Package 48-VFQFN Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


EFR32BG12P433F1024GM48-BR Specifications

Manufacturer Part Number	EFR32BG12P433F1024GM48-BR
Manufacturer	Silicon Labs
Category	RF/IF and RFID RF Transceiver ICs
Package	48-VFQFN Exposed Pad
Series	Blue Gecko
Type	TxRx + MCU
RF Family/Standard	Bluetooth
Protocol	Bluetooth v4.0
Modulation	2-FSK, 4-FSK, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, O-QPSK
Frequency	169MHz, 315MHz, 433MHz, 490MHz, 868MHz, 915MHz, 2.4GHz
Data Rate (Max)	2Mbps
Power - Output	20dBm
Sensitivity	-102dBm
Memory Size	1024kB Flash, 256kB RAM
Serial Interfaces	I2C, I2S, SPI, UART
GPIO	28
Voltage - Supply	1.8 V ~ 3.8 V
Current - Receiving	8mA ~ 10.8mA
Current - Transmitting	8.2mA ~ 126.7mA
Operating Temperature	-40°C ~ 85°C
Package / Case	48-VFQFN Exposed Pad

[Report errors?](#)

EFR32BG12P433F1024GM48-BR Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

EFR32BG12P433F1024GM48-BR Payment Methods



EFR32BG12P433F1024GM48-BR Shipping Methods



If you have any question about EFR32BG12P433F1024GM48-BR, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com