

**EFR32FG12P431F1024GM48-B Information**


For Reference Only

**Part Number** [EFR32FG12P431F1024GM48-B](#)  
**Manufacturer** Silicon Labs  
**Category** RF/IF and RFID  
[RF Transceiver ICs](#)  
**Description** FLEX GECKO QFN48 SUBG 20DB PROPR  
**Package** 48-VFQFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**EFR32FG12P431F1024GM48-B Specifications**

Manufacturer Part Number	<a href="#">EFR32FG12P431F1024GM48-B</a>
Manufacturer	Silicon Labs
Category	RF/IF and RFID <a href="#">RF Transceiver ICs</a>
Package	48-VFQFN Exposed Pad
Series	Flex Gecko
Type	TxRx + MCU
RF Family/Standard	-
Protocol	-
Modulation	2-FSK, 4-FSK, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, OOK, O-QPSK
Frequency	169MHz, 315MHz, 433MHz, 490MHz, 868MHz, 915MHz
Data Rate (Max)	2Mbps
Power - Output	20dBm
Sensitivity	-102dBm
Memory Size	1024kB Flash, 256kB RAM
Serial Interfaces	I2C, I2S, SPI, UART
GPIO	31
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?](#)

## EFR32FG12P431F1024GM48-B 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.

## EFR32FG12P431F1024GM48-B Payment Methods



## EFR32FG12P431F1024GM48-B Shipping Methods



If you have any question about EFR32FG12P431F1024GM48-B, please do not hesitate to contact us!

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