

**EFR32MG1V132F256GM48-B0R Information**


For Reference Only

**Part Number** [EFR32MG1V132F256GM48-B0R](#)  
**Manufacturer** Silicon Labs  
**Category** RF/IF and RFID  
[RF Transceiver ICs](#)  
**Description** IC MCU 32BIT 256KB 48QFN  
**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.


**EFR32MG1V132F256GM48-B0R Specifications**

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <a href="#">EFR32MG1V132F256GM48-B0R</a>             |
| Manufacturer             | Silicon Labs   |
| Category                 | RF/IF and RFID<br><a href="#">RF Transceiver ICs</a> |
| Package                  | 48-VFQFN Exposed Pad                                 |
| Series                   | Mighty Gecko   |
| Type                     | TxRx + MCU   |
| RF Family/Standard       | 802.15.4, Bluetooth                                  |
| Protocol                 | Bluetooth v4.0, Zigbee?                              |
| Modulation               | DSSS, O-QPSK, GFSK                                   |
| Frequency                | 2.4GHz   |
| Data Rate (Max)          | 1Mbps  |
| Power - Output           | 19.5dBm  |
| Sensitivity              | -99dBm   |
| Memory Size              | 256kB Flash, 32kB RAM                                |
| Serial Interfaces        | I2C, I2S, SPI, UART                                  |
| GPIO                     | 31   |
| Voltage - Supply         | 3.3V   |
| Current - Receiving      | 8.6mA ~ 9.1mA  |
| Current - Transmitting   | 8.2mA  |
| Operating Temperature    | -40°C ~ 85°C   |
| Package / Case           | 48-VFQFN Exposed Pad                                 |

[Report errors?](#)

## EFR32MG1V132F256GM48-B0R 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.

## EFR32MG1V132F256GM48-B0R Payment Methods



## EFR32MG1V132F256GM48-B0R Shipping Methods



If you have any question about EFR32MG1V132F256GM48-B0R, please do not hesitate to contact us!

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