

**EFM32GG11B820F2048IQ100-A Information**


For Reference Only

**Part Number** [EFM32GG11B820F2048IQ100-A](#)  
**Manufacturer** Silicon Labs  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** EFM32 GIANT GECKO 11 ULTRA LOW P  
**Package** 100-TQFP  
 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.


**EFM32GG11B820F2048IQ100-A Specifications**

|  |  |
|--|--|
| Manufacturer Part Number                             | <a href="#">EFM32GG11B820F2048IQ100-A</a>  |
| Manufacturer   | Silicon Labs   |
| Category   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a>                                       |
| Package  | 100-TQFP   |
| Series   | Giant Gecko S1   |
| Core Processor                                       | ARM® Cortex®-M4  |
| Core Size  | 32-Bit   |
| Speed  | 72MHz  |
| Connectivity   | CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SmartCard, SPI, UART /USART, USB |
| Peripherals  | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT  |
| Number of I/O  | 80   |
| Program Memory Size                                  | 2MB (2M x 8)   |
| Program Memory Type                                  | FLASH  |
| EEPROM Size  | -  |
| RAM Size   | 512K x 8   |
| Voltage - Supply (V <sub>cc</sub> /V <sub>dd</sub> ) | 1.8 V ~ 3.8 V  |
| Data Converters                                      | A/D 16x12b SAR, D/A 2x12b  |
| Oscillator Type                                      | Internal   |
| Operating Temperature                                | -40°C ~ 125°C (TA)   |
| Mounting Type  | -  |
| Package / Case                                       | 100-TQFP   |

### EFM32GG11B820F2048IQ100-A 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.

### EFM32GG11B820F2048IQ100-A Payment Methods



### EFM32GG11B820F2048IQ100-A Shipping Methods



If you have any question about EFM32GG11B820F2048IQ100-A, please do not hesitate to contact us!

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