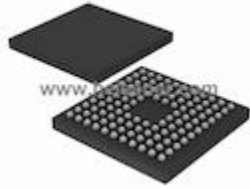


**EFM32GG990F512G-E-BGA112R Information**


For Reference Only

**Part Number** [EFM32GG990F512G-E-BGA112R](#)  
**Manufacturer** Silicon Labs  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 512KB FLASH 112BGA  
**Package** 112-VFBGA  
 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.


**EFM32GG990F512G-E-BGA112R Specifications**

Manufacturer Part Number	<a href="#">EFM32GG990F512G-E-BGA112R</a>
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	112-VFBGA
Series	Giant Gecko
Core Processor	ARM? Cortex?-M3
Core Size	32-Bit
Speed	48MHz
Connectivity	EBI/EMI, I2C, IrDA, SmartCard, SPI, UART/USART, USB
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
Number of I/O	87
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	128K x 8
Voltage - Supply (Vcc/Vdd)	1.98 V ~ 3.8 V
Data Converters	A/D 8x12b, D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	112-VFBGA
Supplier Device Package	112-BGA (10x10)

[Report errors?](#)

## EFM32GG990F512G-E-BGA112R 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.

## EFM32GG990F512G-E-BGA112R Payment Methods



## EFM32GG990F512G-E-BGA112R Shipping Methods



If you have any question about EFM32GG990F512G-E-BGA112R, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)