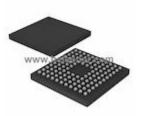


# EFM32G890F32G-E-BGA112R

### EFM32G890F32G-E-BGA112R Information



For Reference Only

Part Number EFM32G890F32G-E-BGA112R

Manufacturer Silicon Labs

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** 32K FLASH, 8K RAM, 4X40 LCD, AES

Package 112-LFBGA

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.









## EFM32G890F32G-E-BGA112R Specifications

		Report errors?
Supplier Device Package	112-BGA (10x10)	
Package / Case	112-LFBGA	
Mounting Type	-	
Operating Temperature	-40°C ~ 85°C (TA)	
Oscillator Type	Internal	
Data Converters	A/D 8x12b, D/A 2x12b	
Voltage - Supply (Vcc/Vdd)	1.98 V ~ 3.8 V	
RAM Size	8K x 8	
EEPROM Size	-	
Program Memory Type	FLASH	
Program Memory Size	32KB (32K x 8)	
Number of I/O	90	
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	
Connectivity	EBI/EMI, I2C, IrDA, SmartCard, SPI, UART/USART	
Speed	32MHz	
Core Size	32-Bit	
Core Processor	ARM® Cortex®-M3	
Series	Gecko	
Package	112-LFBGA	
	Embedded - Microcontrollers	
Category	Integrated Circuits (ICs)	
Manufacturer	Silicon Labs	
Manufacturer Part Number	EFM32G890F32G-E-BGA112R	

#### EFM32G890F32G-E-BGA112R Guarantees



#### **Ouality 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.

### EFM32G890F32G-E-BGA112R Payment Methods



















## EFM32G890F32G-E-BGA112R Shipping Methods













If you have any question about EFM32G890F32G-E-BGA112R, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com