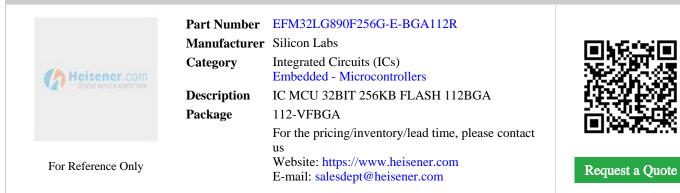


# EFM32LG890F256G-E-BGA112R

#### EFM32LG890F256G-E-BGA112R Information



## **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.



#### EFM32LG890F256G-E-BGA112R Specifications

Manufacturer Part Number	EFM32LG890F256G-E-BGA112R	
Manufacturer	Silicon Labs	
Category	Integrated Circuits (ICs)	
	Embedded - Microcontrollers	
Package	112-VFBGA	
Series	Leopard Gecko	
Core Processor	ARM? Cortex?-M3	
Core Size	32-Bit	
Speed	48MHz	
Connectivity	EBI/EMI, I2C, IrDA, SmartCard, SPI, UART/USART	
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	
Number of I/O	90	
Program Memory Size	256KB (256K x 8)	
Program Memory Type	FLASH	
EEPROM Size	-	
RAM Size	32K x 8	
Voltage - Supply (Vcc/Vdd)	1.85 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?

### EFM32LG890F256G-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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

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If you have any question about EFM32LG890F256G-E-BGA112R, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com