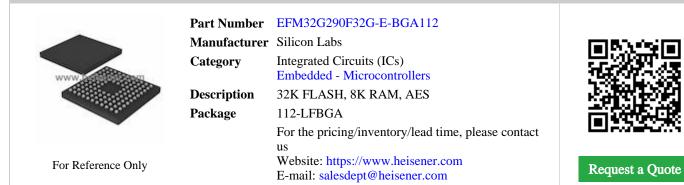


# EFM32G290F32G-E-BGA112

### EFM32G290F32G-E-BGA112 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.



# EFM32G290F32G-E-BGA112 Specifications

Manufacturer Part Number	EFM32G290F32G-E-BGA112
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	112-LFBGA
Series	Gecko
Core Processor	ARM® Cortex®-M3
Core Size	32-Bit
Speed	32MHz
Connectivity	EBI/EMI, I2C, IrDA, SmartCard, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Number of I/O	90
Program Memory Size	32KB (32K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	8K 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	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} (\text{TA})$
Mounting Type	-
Package / Case	112-LFBGA
Supplier Device Package	112-BGA (10x10)
	Report errors <sup>2</sup>

## EFM32G290F32G-E-BGA112 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.

#### EFM32G290F32G-E-BGA112 Payment Methods



If you have any question about EFM32G290F32G-E-BGA112, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com