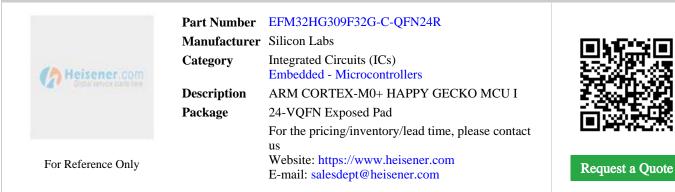


# EFM32HG309F32G-C-QFN24R

# EFM32HG309F32G-C-QFN24R 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.



# EFM32HG309F32G-C-QFN24R Specifications

Manufacturer Part Number	EFM32HG309F32G-C-QFN24R	
Manufacturer	Silicon Labs	
Category	Integrated Circuits (ICs)	
	Embedded - Microcontrollers	
Package	24-VQFN Exposed Pad	
Series	Happy Gecko	
Core Processor	ARM® Cortex®-M0+	
Core Size	32-Bit	
Speed	25MHz	
Connectivity	I2C, IrDA, SmartCard, SPI, UART/USART, USB	
Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT	
Number of I/O	15	
Program Memory Size	32KB (32K x 8)	
Program Memory Type	FLASH	
EEPROM Size	-	
RAM Size	8K x 8	
Voltage - Supply (Vcc/Vdd)	1.98V ~ 3.8V	
Data Converters	A/D 4x12b	
Oscillator Type	Internal	
Operating Temperature	-40°C ~ 85°C (TA)	
Mounting Type	Surface Mount	
Package / Case	24-VQFN Exposed Pad	
Supplier Device Package	24-QFN (5x5)	
		Report errors?

## EFM32HG309F32G-C-QFN24R 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.



If you have any question about EFM32HG309F32G-C-QFN24R, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com