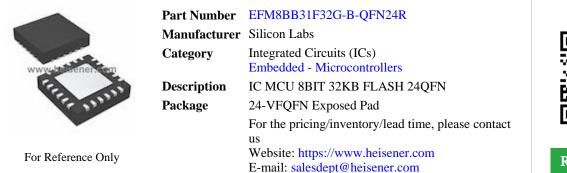


# EFM8BB31F32G-B-QFN24R

## EFM8BB31F32G-B-QFN24R Information





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.



# EFM8BB31F32G-B-QFN24R Specifications

Manufacturer Part Number	EFM8BB31F32G-B-QFN24R
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	24-VFQFN Exposed Pad
Series	Automotive, AEC-Q100, Busy Bee
Core Processor	CIP-51 8051
Core Size	8-Bit
Speed	50MHz
Connectivity	I2C, SMBus, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	20
Program Memory Size	32KB (32K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	2.25K x 8
Voltage - Supply (Vcc/Vdd)	2.2 V ~ 3.6 V
Data Converters	A/D 12x12b, A/D 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	24-VFQFN Exposed Pad
Supplier Device Package	24-QFN (3x3)
	Report errors <sup>4</sup>

#### EFM8BB31F32G-B-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.

### EFM8BB31F32G-B-QFN24R Payment Methods



If you have any question about EFM8BB31F32G-B-QFN24R, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com