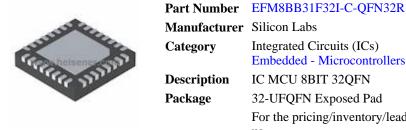


# EFM8BB31F32I-C-QFN32R

### EFM8BB31F32I-C-QFN32R Information



Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 32QFN 32-UFQFN Exposed Pad For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

For Reference Only

## **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.



## EFM8BB31F32I-C-QFN32R Specifications

Manufacturer Part Number	EFM8BB31F32I-C-QFN32R
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	32-UFQFN Exposed Pad
Series	Busy Bee
Core Processor	CIP-51 8051
Core Size	8-Bit
Speed	50MHz
Connectivity	I <sup>2</sup> C, SMBus, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	29
Program Memory Size	32KB (32K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	2.25K x 8
Voltage - Supply (Vcc/Vdd)	2.2V ~ 3.6V
Data Converters	A/D 20x10/12b SAR; D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount
Package / Case	32-UFQFN Exposed Pad
Supplier Device Package	32-QFN (4x4)
	Report errors?

### EFM8BB31F32I-C-QFN32R 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.

#### EFM8BB31F32I-C-QFN32R Payment Methods



If you have any question about EFM8BB31F32I-C-QFN32R, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com