

# EFM8BB31F32I-C-QFP32R

### EFM8BB31F32I-C-QFP32R Information



For Reference Only

Part Number EFM8BB31F32I-C-QFP32R

**Manufacturer** Silicon Labs

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** IC MCU 8BIT 32QFP

Package 32-TQFP

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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.









## EFM8BB31F32I-C-QFP32R Specifications

Manufacturer Part Number	EFM8BB31F32I-C-QFP32R
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	32-TQFP
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	28
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-TQFP
Supplier Device Package	32-QFP (7x7)
	Report errors?

### EFM8BB31F32I-C-QFP32R 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-QFP32R Payment Methods



















### EFM8BB31F32I-C-QFP32R Shipping Methods













If you have any question about EFM8BB31F32I-C-QFP32R, please do not hesitate to contact us!

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