# EFM8BB31F64G-C-QFP32

## EFM8BB31F64G-C-QFP32 Information

For Reference Only

**Part Number** EFM8BB31F64G-C-QFP32
**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.

## EFM8BB31F64G-C-QFP32 Specifications

| | |
|---|---|
| Manufacturer Part Number | EFM8BB31F64G-C-QFP32 |
| 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 | I²C, SMBus, SPI, UART/USART |
| Peripherals | Brown-out Detect/Reset, POR, PWM, WDT |
| Number of I/O | 28 |
| Program Memory Size | 64KB (64K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 4.25K x 8 |
| Voltage - Supply (Vcc/Vdd) | 2.2V ~ 3.6V |
| Data Converters | A/D 20x10/12b SAR; D/A 4x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | Surface Mount |
| Package / Case | 32-TQFP |
| Supplier Device Package | 32-QFP (7x7) |
| | Report errors? |

## EFM8BB31F64G-C-QFP32 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.

## EFM8BB31F64G-C-QFP32 Payment Methods

## EFM8BB31F64G-C-QFP32 Shipping Methods

If you have any question about EFM8BB31F64G-C-QFP32, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com