

EFM8BB31F32A-C-4QFN24 Information


For Reference Only

Part Number [EFM8BB31F32A-C-4QFN24](#)
Manufacturer Silicon Labs
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 8BIT 24QFN
Package 24-WFQFN Exposed Pad
 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.


EFM8BB31F32A-C-4QFN24 Specifications

| | |
|----------------------------|--|
| Manufacturer Part Number | EFM8BB31F32A-C-4QFN24 |
| Manufacturer | Silicon Labs |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 24-WFQFN Exposed Pad |
| Series | Automotive, AEC-Q100, Busy Bee |
| Core Processor | CIP-51 8051 |
| Core Size | 8-Bit |
| Speed | 50MHz |
| Connectivity | I ² C, 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) | 2.2V ~ 3.6V |
| Data Converters | A/D 12x10/12b SAR; D/A 2x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 125°C (TA) |
| Mounting Type | Surface Mount |
| Package / Case | 24-WFQFN Exposed Pad |
| Supplier Device Package | 24-QFN (4x4) |

[Report errors?](#)

EFM8BB31F32A-C-4QFN24 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.

EFM8BB31F32A-C-4QFN24 Payment Methods



EFM8BB31F32A-C-4QFN24 Shipping Methods



If you have any question about EFM8BB31F32A-C-4QFN24, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com