

**EFM8UB31F40G-A-QSOP24 Information**


For Reference Only

**Part Number** [EFM8UB31F40G-A-QSOP24](#)  
**Manufacturer** Silicon Labs  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** 8051 8-BIT MCU, FULL SPEED USB  
**Package** 24-SSOP (0.154", 3.90mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**EFM8UB31F40G-A-QSOP24 Specifications**

Manufacturer Part Number	<a href="#">EFM8UB31F40G-A-QSOP24</a>
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	24-SSOP (0.154", 3.90mm Width)
Series	Universal Bee
Core Processor	CIP-51 8051
Core Size	8-Bit
Speed	48MHz
Connectivity	I <sup>2</sup> C, SMBus, SPI, UART/USART, USB
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	17
Program Memory Size	40KB (40K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	3.25K x 8
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 5.5 V
Data Converters	A/D 16x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	24-SSOP (0.154", 3.90mm Width)
Supplier Device Package	24-QSOP

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## EFM8UB31F40G-A-QSOP24 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.

## EFM8UB31F40G-A-QSOP24 Payment Methods



## EFM8UB31F40G-A-QSOP24 Shipping Methods



If you have any question about EFM8UB31F40G-A-QSOP24, please do not hesitate to contact us!

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