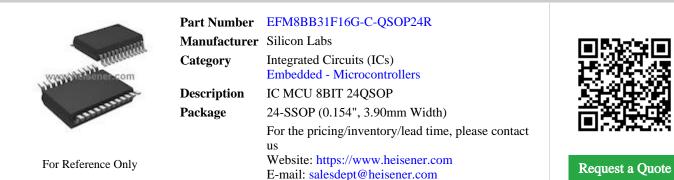


# EFM8BB31F16G-C-QSOP24R

#### EFM8BB31F16G-C-QSOP24R Information



## **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.



## EFM8BB31F16G-C-QSOP24R Specifications

Manufacturer Part Number	EFM8BB31F16G-C-QSOP24R
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	24-SSOP (0.154", 3.90mm Width)
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	21
Program Memory Size	16KB (16K 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 13x10/12b SAR; D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	24-SSOP (0.154", 3.90mm Width)
Supplier Device Package	24-QSOP
	Report error

#### EFM8BB31F16G-C-QSOP24R 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.

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If you have any question about EFM8BB31F16G-C-QSOP24R, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com