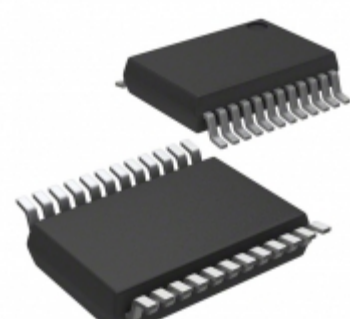


## EFM8BB21F16G-C-QSOP24



**Part Number:** [EFM8BB21F16G-C-QSOP24](#)  
**Manufacturer:** [Energy Micro \(Silicon Labs\)](#)  
**Description:** IC MCU 8BIT 16KB FLASH 24QSOPFN  
**Data sheet:** [EFM8BB2 Datasheet](#)  
[EFM8BB2 Reference Manual](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	EFM8BB21F16G-C-QSOP24	<b>Manufacturer</b>	<a href="#">Energy Micro (Silicon Labs)</a>
<b>Description</b>	IC MCU 8BIT 16KB FLASH 24QSOPFN	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	97193 pcs	<b>Data sheet</b>	<a href="#">EFM8BB2 Datasheet</a> <a href="#">EFM8BB2 Reference Manual</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	2.2 V ~ 3.6 V
<b>Supplier Device Package</b>	24-QSOP	<b>Speed</b>	50MHz
<b>Series</b>	Busy Bee	<b>RAM Size</b>	2.25K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	16KB (16K x 8)
<b>Peripherals</b>	Brown-out Detect/Reset, POR, PWM, WDT	<b>Packaging</b>	Tube
<b>Package / Case</b>	24-SSOP (0.154", 3.90mm Width)	<b>Oscillator Type</b>	Internal
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)	<b>Number of I/O</b>	21
<b>Moisture Sensitivity Level (MSL)</b>	2 (1 Year)	<b>Manufacturer Standard Lead Time</b>	6 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>EEPROM Size</b>	-
<b>Detailed Description</b>	CIP-51 8051 Busy Bee Microcontroller IC 8-Bit 50MHz 16KB (16K x 8) FLASH 24-QSOP	<b>Data Converters</b>	A/D 20x12b
<b>Core Size</b>	8-Bit	<b>Core Processor</b>	CIP-51 8051
<b>Connectivity</b>	PC, SMBus, SPI, UART/USART		

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	<b>Part#:</b> <a href="#">EFM8BB22F16G-B-QFN28R</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 28QFN	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB21F16A-C-QFN20R</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 20QFN	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB21F16G-C-QSOP24R</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 24QSOP	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB21F16G-C-QFN20</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 20QFN	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB22F16A-C-QFN28R</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 28QFN	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB21F16I-C-QSOP24R</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 24QSOP	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB21F16G-B-QSOP24</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 24QSOP	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB10F8I-A-QSOP24R</a> <b>Description:</b> IC MCU 8BIT 8KB FLASH 24QSOP	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB21F16G-C-QFN20R</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 20QFN	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB22F16G-C-QFN28</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 28QFN	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB10F8I-A-SOIC16</a> <b>Description:</b> IC MCU 8BIT 8KB FLASH 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">EFM8BB21F16G-B-QSOP24R</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 24QSOP	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB21F16G-B-QFN20R</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 20QFN	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB21F16I-C-QSOP24</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 24QSOP	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB21F16A-C-QFN20</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 20QFN	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB10F8I-A-SOIC16R</a> <b>Description:</b> IC MCU 8BIT 8KB FLASH 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">EFM8BB22F16G-C-QFN28R</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 28QFN	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<a href="#">RFQ</a>
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