



Image may be representation. See specifications for

product details.

**Energy Micro (Silicon Labs)** 

### EFM8BB31F16I-B-QFN32R

Part Number:

Manufacturer/Brand: Product description

Datasheets: RoHs Status

Stock Condition

Ship From Shipment Way EFM8BB31F16I-B-QFN32R

Energy Micro (Silicon Labs)

EFM8BB31F16I-B-QFN32R.pdf

IC MCU 8BIT 16KB FLASH 32QFN

Lead free / RoHS Compliant

86316 pcs stock

Hong Kong

DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION** 

# Specifications of EFM8BB31F16I-B-QFN32R

PART NUMBER	EFM8BB31F16I-B-QFN32R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 16KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	86316 pcs
DATA SHEET	EFM8BB31F16I-B-QFN32R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-QFN (4x4)
SPEED	50MHz
SERIES	Busy Bee
RAM SIZE	2.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	32-UFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	29
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	CIP-51 8051 Busy Bee Microcontroller IC 8-Bit 50MHz 16KB (16K x 8) FLASH 32-QFN (4x4)
DATA CONVERTERS	A/D 20x12b, D/A 2x12b
CORE SIZE	8-Bit
CORE PROCESSOR	CIP-51 8051
CONNECTIVITY	I <sup>2</sup> C, SMBus, SPI, UART/USART

### **Related Tags**

Energy Micro (Silicon Labs) EFM8BB31F16I-B-QFN32R	EFM8BB31F16I-B-QFN32R Distributor	EFM8BB31F16I-B-QFN32R Supplier
EFM8BB31F16I-B-QFN32R Price	EFM8BB31F16I-B-QFN32R Pictures	EFM8BB31F16I-B-QFN32R Image
EFM8BB31F16I-B-QFN32R PDF Datasheet	EFM8BB31F16I-B-QFN32R Download Datasheet	EFM8BB31F16I-B-QFN32R Datasheet
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Silicon Laboratories EFM8BB31F16I-B-OFN32R	Silicon Labs EFM8BB31F16I-B-OFN32R	

# **Related Products**

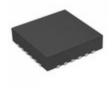


#### EFM8BB31F16I-B-QFN24 Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 16KB FLASH 24QFN

In stock: 103766 pcs

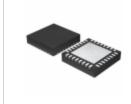
**RFQ** 



### **EFM8BB31F32A-B-4QFN24**

Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, AEC-Q100, A

In stock: 73182 pcs **RFQ** 



# EFM8BB31F16I-B-5QFN32R

Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, INDUSTRIAL

In stock: 96804 pcs

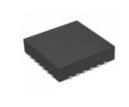
**RFQ** 



# EFM8BB31F32A-B-4QFN24R

Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, AEC-Q100, A

In stock: 69434 pcs **RFQ** 



#### EFM8BB31F16I-B-4QFN24R Manufacturers: Energy Micro (Silicon Labs)

Description: EFM8 8051 8-BIT MCU, INDUSTRIAL In stock: 79630 pcs

**RFQ** 



#### **EFM8BB31F16I-B-QFN32** Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 84381 pcs

**RFQ** 



### EFM8BB31F16I-B-QFP32R Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 16KB FLASH 32QFP

**RFQ** 



#### EFM8BB31F16I-B-QFP32 Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 16KB FLASH 32QFP

**RFQ** 





#### EFM8BB31F16I-B-QSOP24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP

In stock: 82910 pcs

**RFQ** 



#### EFM8BB31F16I-B-4QFN24 Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, INDUSTRIAL

In stock: 92684 pcs





#### EFM8BB31F16I-B-QSOP24R Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: 76635 pcs

**RFQ** 



Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 16KB FLASH 24QFN

**RFQ** 

EFM8BB31F16I-B-QFN24R

In stock: 107698 pcs **RFQ** 













