Image may be representation. See specifications for





product details.

**Energy Micro (Silicon Labs)** 

# EFM8BB31F32A-B-5QFN32

Part Number:	EFM8BB31F32A-B-5QFN32	
Manufacturer/Brand:	Energy Micro (Silicon Labs)	
Product description	EFM8 8051 8-BIT MCU, AEC-Q100, A	
Datasheets:	EFM8BB31F32A-B-5QFN32.pdf	
RoHs Status	Lead free / RoHS Compliant	
Ship From	Hong Kong	
Shipment Way	DHL/Fedex/TNT/UPS/EMS	

**REQUEST FOR QUOTATION** 

#### Specifications of EFM8BB31F32A-B-5QFN32

PART NUMBER	EFM8BB31F32A-B-5QFN32
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	EFM8 8051 8-BIT MCU, AEC-Q100, A
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	EFM8BB31F32A-B-5QFN32.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SPEED	50MHz
SERIES	Automotive, AEC-Q100, Busy Bee
RAM SIZE	2.25К х 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	29
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	CIP-51 8051 Automotive, AEC-Q100, Busy Bee Microcontroller IC 8-Bit 50MHz 32KB (32K x 8) FLASH

DATA CONVEDTEDS

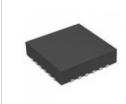
 $\Lambda/D 20v12h D/A 2v12h$ 

DATA CONVERTERS	A/D ZUXIZD, D/A ZXIZD
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) EFM8BB31F32A-B-5QFN32	EFM8BB31F32A-B-5QFN32 Distributor	EFM8BB31F32A-B-5QFN32 Supplier
EFM8BB31F32A-B-5QFN32 Price	EFM8BB31F32A-B-5QFN32 Pictures	EFM8BB31F32A-B-5QFN32 Image
EFM8BB31F32A-B-5QFN32 PDF Datasheet	EFM8BB31F32A-B-5QFN32 Download Datasheet	EFM8BB31F32A-B-5QFN32 Datasheet
EFM8BB31F32A-B-5QFN32 Stock	Buy EFM8BB31F32A-B-5QFN32	Buy Energy Micro (Silicon Labs) EFM8BB31F32A-B- 5QFN32
Energy Micro (Silicon Labs) EFM8BB31F32A-B-5QFN32	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM8BB31F32A-B-5QFN32	Energy Micro EFM8BB31F32A-B-5QFN32	Energy Micro (Silicon Labs) EFM8BB31F32A-B-5QFN32
Silicon Laboratories EFM8BB31F32A-B-5QFN32	Silicon Labs EFM8BB31F32A-B-5QFN32	

## **Related Products**



#### EFM8BB31F32A-B-4QFN24R

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

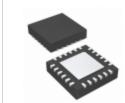
RFQ



#### EFM8BB31F32G-A-QFP32

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFP In stock: Out stock

RFQ



# EFM8BB31F32G-A-QFN24R

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QFN In stock: Out stock

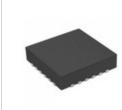
RFQ



### EFM8BB31F16I-B-QSOP24

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: Out stock

RFQ



#### EFM8BB31F32A-B-4QFN24

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

RFQ



#### EFM8BB31F16I-B-QFP32R

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFP In stock: Out stock

RFQ



#### EFM8BB31F32G-A-QFN32R

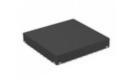
Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFN In stock: Out stock



#### EFM8BB31F16I-B-QSOP24R

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: Out stock

RFQ

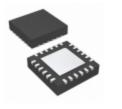


#### EFM8BB31F32A-B-5QFN32R

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

RFQ

RFQ



#### EFM8BB31F32G-A-QFN24

EFM8BB31F32G-A-QFN32

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QFN In stock: Out stock

RFQ

#### EFM8BB31F16I-B-QFP32

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFP In stock: Out stock

RFQ

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFN In stock: Out stock

RFQ

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