Image may be representation. See specifications for





product details.

**Energy Micro (Silicon Labs)** 

# EFM8BB31F64A-B-5QFN32R

Part Number:	EFM8BB31F64A-B-5QFN32R	
Manufacturer/Brand:	Energy Micro (Silicon Labs)	
Product description	EFM8 8051 8-BIT MCU, AEC-Q100, A	
Datasheets:	EFM8BB31F64A-B-5QFN32R.pdf	
RoHs Status	Lead free / RoHS Compliant	
Ship From	Hong Kong	
Shipment Way	DHL/Fedex/TNT/UPS/EMS	

**REQUEST FOR QUOTATION** 

## Specifications of EFM8BB31F64A-B-5QFN32R

PART NUMBER	EFM8BB31F64A-B-5QFN32R
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	EFM8BB31F64A-B-5QFN32R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SPEED	50MHz
SERIES	Automotive, AEC-Q100, Busy Bee
RAM SIZE	4.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K 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 64KB (64K x 8) FLASH
DATA CONVERTERS	A/D 20x12b, D/A 4x12b

DATA CONVERTERS	A/D 20x12b, D/A 4x12b	
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) EFM8BB31F64A-B-5QFN32R	EFM8BB31F64A-B-5QFN32R Distributor	EFM8BB31F64A-B-5QFN32R Supplier
EFM8BB31F64A-B-5QFN32R Price	EFM8BB31F64A-B-5QFN32R Pictures	EFM8BB31F64A-B-5QFN32R Image
EFM8BB31F64A-B-5QFN32R PDF Datasheet	EFM8BB31F64A-B-5QFN32R Download Datasheet	EFM8BB31F64A-B-5QFN32R Datasheet
EFM8BB31F64A-B-5QFN32R Stock	Buy EFM8BB31F64A-B-5QFN32R	Buy Energy Micro (Silicon Labs) EFM8BB31F64A-B- 5QFN32R
Energy Micro (Silicon Labs) EFM8BB31F64A-B-5QFN32R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM8BB31F64A-B-5QFN32R	Energy Micro EFM8BB31F64A-B-5QFN32R	Energy Micro (Silicon Labs) EFM8BB31F64A-B-5QFN32R
Silicon Laboratories EFM8BB31F64A-B-5QFN32R	Silicon Labs EFM8BB31F64A-B-5QFN32R	

# **Related Products**



## EFM8BB31F64A-B-5QFN32

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

RFQ

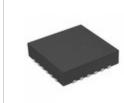
RFQ



#### EFM8BB31F32I-B-QSOP24

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QSOP In stock: 42 pcs

RFQ



# EFM8BB31F64A-B-4QFN24R

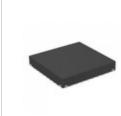
Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, AEC-Q100, A In stock: Out stock



# EFM8BB31F64G-A-QFN24R

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 24QFN In stock: Out stock

RFQ



#### EFM8BB31F64G-A-QFN32

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFN In stock: Out stock

RFQ



#### EFM8BB31F32I-B-QFP32R

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

RFQ



### EFM8BB31F32I-B-QSOP24R

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

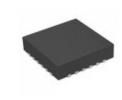
RFQ



#### EFM8BB31F64G-A-QFN24

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 24QFN In stock: Out stock

RFQ

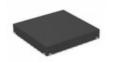


#### EFM8BB31F64A-B-4QFN24

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

RFQ

#### EFM8BB31F64G-A-QFN32R



Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFN In stock: Out stock

RFQ



## EFM8BB31F64G-A-QFP32

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFP In stock: Out stock

RFQ



#### EFM8BB31F64G-A-QFP32R

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFP In stock: Out stock

RFQ

#### Copyright © 2020 Reliable Distributor of Electronic Components - Ocean-Components.com

E-mail: Info@Ocean-Components.com

Address: Room 2102, Connaught Commercial Building, 185 Wan Chai Rd, Wan Chai, Hong Kong

