Image may be representation. See specifications for





product details.

Energy Micro (Silicon Labs)

# EFM8BB31F64G-B-QFN32

Part Number:	EFM8BB31F64G-B-QFN32	
Manufacturer/Brand:	Energy Micro (Silicon Labs)	
Product description	IC MCU 8BIT 64KB FLASH 32QFN	
Datasheets:	EFM8BB31F64G-B-QFN32.pdf	
RoHs Status	Lead free / RoHS Compliant	
Ship From	Hong Kong	
Shipment Way	DHL/Fedex/TNT/UPS/EMS	

REQUEST FOR QUOTATION

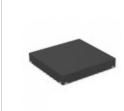
## Specifications of EFM8BB31F64G-B-QFN32

PART NUMBER	EFM8BB31F64G-B-QFN32
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	EFM8BB31F64G-B-QFN32.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-QFN (4x4)
SPEED	50MHz
SERIES	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
PACKAGING	Tube
PACKAGE / CASE	32-UFQFN Exposed Pad
OTHER NAMES	336-3730
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°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 Busy Bee Microcontroller IC 8-Bit 50MHz 64KB (64K x 8) FLASH 32-QFN (4x4)
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) EFM8BB31F64G-B-QFN32	EFM8BB31F64G-B-QFN32 Distributor	EFM8BB31F64G-B-QFN32 Supplier
EFM8BB31F64G-B-QFN32 Price	EFM8BB31F64G-B-QFN32 Pictures	EFM8BB31F64G-B-QFN32 Image
EFM8BB31F64G-B-QFN32 PDF Datasheet	EFM8BB31F64G-B-QFN32 Download Datasheet	EFM8BB31F64G-B-QFN32 Datasheet
EFM8BB31F64G-B-QFN32 Stock	Buy EFM8BB31F64G-B-QFN32	Buy Energy Micro (Silicon Labs) EFM8BB31F64G-B-QFN32
Energy Micro (Silicon Labs) EFM8BB31F64G-B-QFN32	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM8BB31F64G-B-QFN32	Energy Micro EFM8BB31F64G-B-QFN32	Energy Micro (Silicon Labs) EFM8BB31F64G-B-QFN32
Silicon Laboratories EFM8BB31F64G-B-QFN32	Silicon Labs EFM8BB31F64G-B-QFN32	

# **Related Products**



### EFM8BB31F64G-B-QFN32R

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

RFQ

RFQ

# Et and

## EFM8BB31F64G-B-QFN24

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 24QFN In stock: 230 pcs

RFQ



# EFM8BB31F64G-A-QSOP24R

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



# EFM8BB31F64G-A-QFP32

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

RFQ



# EFM8BB31F64G-B-QSOP24R

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

RFQ



# EFM8BB31F64G-B-QSOP24

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 24QSOP In stock: 168 pcs

RFQ



# EFM8BB31F64G-B-QFN24R

Manufacturers: Energy Micro (Silicon Labs)



# EFM8BB31F64G-B-QFP32

Manufacturers: Energy Micro (Silicon Labs)

Description: IC MCU 8BIT 64KB FLASH 24QFN In stock: Out stock

RFQ



Description: IC MCU 8BIT 64KB FLASH 32QFP In stock: 154 pcs

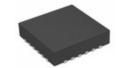
RFQ



### EFM8BB31F64G-A-QFP32R

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

RFQ



### EFM8BB31F64I-B-4QFN24

Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU AEC-Q100, AU In stock: 30 pcs

RFQ



### EFM8BB31F64G-A-QSOP24

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

RFQ



### EFM8BB31F64G-B-QFP32R

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

RFQ

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