### linfinity-electronic



product details.

**Energy Micro (Silicon Labs)** 

# 5

Image may be representation. See specifications for

#### EFM8BB31F32G-A-QFN24R

| Part Number:        | EFM8BB31F32G-A-QFN24R        |  |
|---------------------|------------------------------|--|
| Manufacturer/Brand: | Energy Micro (Silicon Labs)  |  |
| Product description | IC MCU 8BIT 32KB FLASH 24QFN |  |
| Datasheets:         | EFM8BB31F32G-A-QFN24R.pdf    |  |
| RoHs Status         | Lead free / RoHS Compliant   |  |
| Stock Condition     | 107417 pcs stock             |  |
| Ship From           | Hong Kong                    |  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS        |  |
|                     |                              |  |

#### **REQUEST FOR QUOTATION**

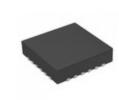
#### Specifications of EFM8BB31F32G-A-QFN24R

| PART NUMBER                      | EFM8BB31F32G-A-QFN24R   |
|----------------------------------|---|
| MANUFACTURER                     | Energy Micro (Silicon Labs)   |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 24QFN  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| QUANTITY AVAILABLE               | 107417 pcs  |
| DATA SHEET                       | EFM8BB31F32G-A-QFN24R.pdf   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 3.6 V   |
| SUPPLIER DEVICE PACKAGE          | 24-QFN (3x3)  |
| SPEED                            | 50MHz   |
| SERIES                           | Busy Bee  |
| RAM SIZE                         | 2.25K x 8   |
| PROGRAM MEMORY TYPE              | FLASH   |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)  |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT   |
| PACKAGING                        | Tape & Reel (TR)  |
| PACKAGE / CASE                   | 24-VFQFN Exposed Pad  |
| OSCILLATOR TYPE                  | Internal  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)   |
| NUMBER OF I/O                    | 20  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| EEPROM SIZE                      | -   |
| DETAILED DESCRIPTION             | CIP-51 8051 Busy Bee Microcontroller IC 8-Bit 50MHz 32KB (32K x 8) FLASH 24-QFN (3x3) |
| DATA CONVERTERS                  | A/D 12x12b, 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) EFM8BB31F32G-A-QFN24R EFM8BB | 31F32G-A-QFN24R Distributor        | EFM8BB31F32G-A-QFN24R Supplier                            |
|--|------------------------------------|---|
| EFM8BB31F32G-A-QFN24R Price EFM8BB                       | 31F32G-A-QFN24R Pictures           | EFM8BB31F32G-A-QFN24R Image                               |
| EFM8BB31F32G-A-QFN24R PDF Datasheet EFM8BB               | 31F32G-A-QFN24R Download Datasheet | EFM8BB31F32G-A-QFN24R Datasheet                           |
| EFM8BB31F32G-A-QFN24R Stock Buy EFN                      | 18BB31F32G-A-QFN24R                | Buy Energy Micro (Silicon Labs) EFM8BB31F32G-A-<br>QFN24R |
| Energy Micro (Silicon Labs) EFM8BB31F32G-A-QFN24R Energy | Micro (Silicon Labs) Supplier      | Energy Micro (Silicon Labs) Distributor                   |
| Energy Micro (Silicon Labs) EFM8BB31F32G-A-QFN24R Energy | Micro EFM8BB31F32G-A-QFN24R        | Energy Micro (Silicon Labs) EFM8BB31F32G-A-QFN24R         |
| Silicon Laboratories EFM8BB31F32G-A-QFN24R Silicon L     | abs EFM8BB31F32G-A-QFN24R          |   |

#### **Related Products**



#### EFM8BB31F32A-B-4QFN24

Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, AEC-Q100, A In stock: 73182 pcs

RFQ



#### EFM8BB31F32G-A-QFN32R

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFN In stock: 100710 pcs

RFQ



#### EFM8BB31F32G-A-QSOP24R

EFM8BB31F32A-B-5QFN32R

In stock: 66469 pcs

RFQ

Manufacturers: Energy Micro (Silicon Labs)

Description: EFM8 8051 8-BIT MCU, AEC-Q100, A

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QSOP In stock: 130460 pcs

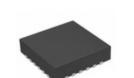
RFQ



#### EFM8BB31F32G-A-QFN32

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFN In stock: 112027 pcs

RFQ



#### EFM8BB31F32A-B-4QFN24R

Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, AEC-Q100, A In stock: 69434 pcs

RFQ



#### EFM8BB31F32G-A-QFP32R

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



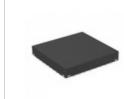
#### EFM8BB31F32G-A-QFN24

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

RFQ



**RFQ** 



#### EFM8BB31F32A-B-5QFN32

Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, AEC-Q100, A In stock: 68051 pcs

RFQ



#### EFM8BB31F32G-A-QSOP24

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QSOP In stock: 102273 pcs

RFQ

EFM8BB31F32G-A-QFP32



#### EFM8BB31F16I-B-QSOP24R

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: 76635 pcs

RFQ

## SILICON LABS

Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFP In stock: 83447 pcs

RFQ

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