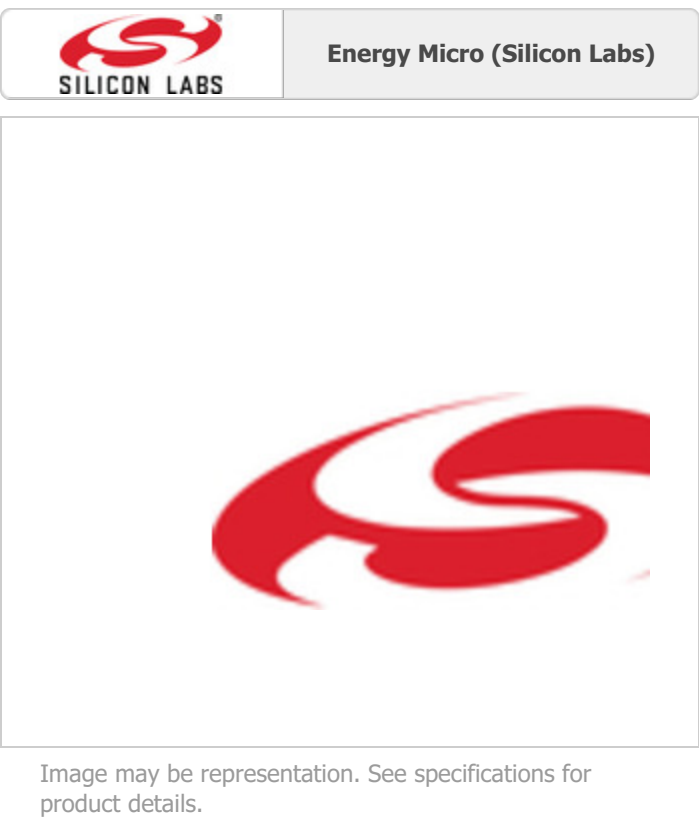




### EFM8BB31F32G-B-QFN24

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM8BB31F32G-B-QFN24                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 24QFN                                                                                               |
| Datasheets:         |  <a href="#">EFM8BB31F32G-B-QFN24.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Stock Condition     | 107361 pcs stock                                                                                                           |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

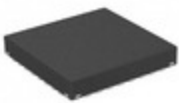
#### Specifications of EFM8BB31F32G-B-QFN24

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM8BB31F32G-B-QFN24                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                  |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 24QFN                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| QUANTITY AVAILABLE               | 107361 pcs                                                                                                                   |
| DATA SHEET                       |  <a href="#">EFM8BB31F32G-B-QFN24.pdf</a> |
| 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                        | Tube                                                                                                                         |
| PACKAGE / CASE                   | 24-VFQFN Exposed Pad                                                                                                         |
| OTHER NAMES                      | 336-3634                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 20                                                                                                                           |
| 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 32KB (32K x 8) FLASH 24-QFN (3x3)                                        |
| DATA CONVERTERS                  | A/D 12x12b, A/D 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-B-QFN24 | EFM8BB31F32G-B-QFN24 Distributor        | EFM8BB31F32G-B-QFN24 Supplier                        |
| EFM8BB31F32G-B-QFN24 Price                       | EFM8BB31F32G-B-QFN24 Pictures           | EFM8BB31F32G-B-QFN24 Image                           |
| EFM8BB31F32G-B-QFN24 PDF Datasheet               | EFM8BB31F32G-B-QFN24 Download Datasheet | EFM8BB31F32G-B-QFN24 Datasheet                       |
| EFM8BB31F32G-B-QFN24 Stock                       | Buy EFM8BB31F32G-B-QFN24                | Buy Energy Micro (Silicon Labs) EFM8BB31F32G-B-QFN24 |
| Energy Micro (Silicon Labs) EFM8BB31F32G-B-QFN24 | Energy Micro (Silicon Labs) Supplier    | Energy Micro (Silicon Labs) Distributor              |
| Energy Micro (Silicon Labs) EFM8BB31F32G-B-QFN24 | Energy Micro EFM8BB31F32G-B-QFN24       | Energy Micro (Silicon Labs) EFM8BB31F32G-B-QFN24     |
| Silicon Laboratories EFM8BB31F32G-B-QFN24        | Silicon Labs EFM8BB31F32G-B-QFN24       |                                                      |

#### Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EFM8BB31F32G-A-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: 100710 pcs<br/><div>RFQ</div></div> |  <div><b>EFM8BB31F32G-A-QSOP24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QSOP<br/>In stock: 130460 pcs<br/><div>RFQ</div></div> |
|  <div><b>EFM8BB31F32G-B-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: 112587 pcs<br/><div>RFQ</div></div> |  <div><b>EFM8BB31F32G-A-QSOP24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QSOP<br/>In stock: 102273 pcs<br/><div>RFQ</div></div>  |
|  <div><b>EFM8BB31F32G-B-QFP32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFP<br/>In stock: 85488 pcs<br/><div>RFQ</div></div>  |  <div><b>EFM8BB31F32G-B-QFN24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QFN<br/>In stock: 81201 pcs<br/><div>RFQ</div></div>    |
|  <div><b>EFM8BB31F32G-A-QFP32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFP<br/>In stock: 85260 pcs<br/><div>RFQ</div></div>  |  <div><b>EFM8BB31F32G-B-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: 80839 pcs<br/><div>RFQ</div></div>     |
|  <div><b>EFM8BB31F32G-A-QFP32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFP<br/>In stock: 83447 pcs<br/><div>RFQ</div></div>   |  <div><b>EFM8BB31F32G-A-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFN<br/>In stock: 112027 pcs<br/><div>RFQ</div></div>    |
|  <div><b>EFM8BB31F32G-B-QSOP24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 24QSOP<br/>In stock: 78673 pcs<br/><div>RFQ</div></div> |  <div><b>EFM8BB31F32G-B-QFP32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32QFP<br/>In stock: 67653 pcs<br/><div>RFQ</div></div>     |