

EFM8BB31F64G-A-QSOP24R





SILICON LABS

Part Number: [EFM8BB31F64G-A-QSOP24R](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC MCU 8BIT 64KB FLASH 24QSOP

Data sheet:  [EFM8BB3 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

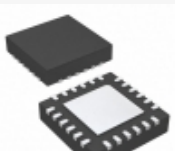
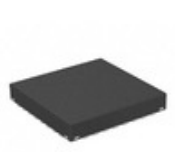
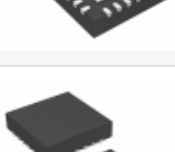
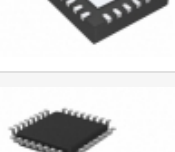
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                |                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EFM8BB31F64G-A-QSOP24R                    | Manufacturer                   | <a href="#">Energy Micro (Silicon Labs)</a>                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 8BIT 64KB FLASH 24QSOP             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 97211 pcs                                 | Data sheet                     | <a href="#">EFM8BB3 Datasheet</a>                                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.2 V ~ 3.6 V                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 24-QSOP                                   | 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                      | Tape & Reel (TR)                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 24-SSOP (0.154", 3.90mm Width)            | Oscillator Type                | Internal                                                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 85°C (TA)                         | Number of I/O                  | 21                                                                               |
| 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 64KB (64K x 8) FLASH 24-QSOP |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 13x12b, D/A 4x12b                     | Core Size                      | 8-Bit                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CIP-51 8051                               | Connectivity                   | I <sup>2</sup> C, SMBus, SPI, UART/USART                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 97211 pieces of Energy Micro (Silicon Labs) EFM8BB31F64G-A-QSOP24R in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                  |

| RELATED PRODUCTS                                                                   |                                                                                                |                                                            |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">EFM8BB31F64G-B-QFP32</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFP       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8BB31F64G-B-QSOP24</a><br>Description: IC MCU 8BIT 64KB FLASH 24QSOP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8BB31F64G-B-QSOP24R</a><br>Description: IC MCU 8BIT 64KB FLASH 24QSOP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8BB31F64G-A-QFN24R</a><br>Description: IC MCU 8BIT 64KB FLASH 24QFN      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8BB31F64A-B-5QFN32R</a><br>Description: EFM8 8051 8-BIT MCU, AEC-Q100, A | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8BB31F64G-B-QFN32</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFN       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">EFM8BB31F64G-A-QFN32R</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFN      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8BB31F64I-B-4QFN24</a><br>Description: EFM8 8051 8-BIT MCU AEC-Q100, AU  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8BB31F64G-B-QFP32R</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFP      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8BB31F64G-A-QSOP24</a><br>Description: IC MCU 8BIT 64KB FLASH 24QSOP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
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| Related keywords for EFM8BB31F64G-A-QSOP24R        |                                                    |                                     |                                                    |
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