SILICON LABS

Energy Micro (Silicon Labs)

## EFM8BB31F32A-B-5QFN32

| | |
|---|---|
| Part Number: | EFM8BB31F32A-B-5QFN32 |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description | EFM8 8051 8-BIT MCU, AEC-Q100, A |
| Datasheets: | 📄 EFM8BB31F32A-B-5QFN32.pdf |
| RoHs Status | ✅ Lead free / RoHS Compliant |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of EFM8BB31F32A-B-5QFN32

| | |
|---|---|
| PART NUMBER | EFM8BB31F32A-B-5QFN32 |
| 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 | 📄 EFM8BB31F32A-B-5QFN32.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 2.2 V ~ 3.6 V |
| SPEED | 50MHz |
| SERIES | Automotive, AEC-Q100, 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 |
| 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 32KB (32K x 8) FLASH |
| DATA CONVERTERS | A/D 20x12b, D/A 2x12b |
| CORE SIZE | 8-Bit |
| CORE PROCESSOR | CIP-51 8051 |
| CONNECTIVITY | I²C, SMBus, SPI, UART/USART |

### Related Tags

| | | |
|---|---|---|
| Energy Micro (Silicon Labs) EFM8BB31F32A-B-5QFN32 | EFM8BB31F32A-B-5QFN32 Distributor | EFM8BB31F32A-B-5QFN32 Supplier |
| EFM8BB31F32A-B-5QFN32 Price | EFM8BB31F32A-B-5QFN32 Pictures | EFM8BB31F32A-B-5QFN32 Image |
| EFM8BB31F32A-B-5QFN32 PDF Datasheet | EFM8BB31F32A-B-5QFN32 Download Datasheet | EFM8BB31F32A-B-5QFN32 Datasheet |
| EFM8BB31F32A-B-5QFN32 Stock | Buy EFM8BB31F32A-B-5QFN32 | Buy Energy Micro (Silicon Labs) EFM8BB31F32A-B-5QFN32 |
| Energy Micro (Silicon Labs) EFM8BB31F32A-B-5QFN32 | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor |
| Energy Micro (Silicon Labs) EFM8BB31F32A-B-5QFN32 | Energy Micro EFM8BB31F32A-B-5QFN32 | Energy Micro (Silicon Labs) EFM8BB31F32A-B-5QFN32 |
| Silicon Laboratories EFM8BB31F32A-B-5QFN32 | Silicon Labs EFM8BB31F32A-B-5QFN32 | |

### Related Products

**EFM8BB31F32A-B-4QFN24R**
Manufacturers: Energy Micro (Silicon Labs)
Description: EFM8 8051 8-BIT MCU, AEC-Q100, A
In stock: Out stock
**RFQ**

**EFM8BB31F32G-A-QFP32**
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 32QFP
In stock: Out stock
**RFQ**

**EFM8BB31F32G-A-QFN24R**
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 24QFN
In stock: Out stock
**RFQ**

**EFM8BB31F16I-B-QSOP24**
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 16KB FLASH 24QSOP
In stock: Out stock
**RFQ**

**EFM8BB31F32A-B-4QFN24**
Manufacturers: Energy Micro (Silicon Labs)
Description: EFM8 8051 8-BIT MCU, AEC-Q100, A
In stock: Out stock
**RFQ**

**EFM8BB31F16I-B-QFP32R**
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 16KB FLASH 32QFP
In stock: Out stock
**RFQ**

**EFM8BB31F32G-A-QFN32R**
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 32QFN
In stock: Out stock
**RFQ**

**EFM8BB31F16I-B-QSOP24R**
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 16KB FLASH 24QSOP
In stock: Out stock
**RFQ**

**EFM8BB31F32A-B-5QFN32R**
Manufacturers: Energy Micro (Silicon Labs)
Description: EFM8 8051 8-BIT MCU, AEC-Q100, A
In stock: Out stock
**RFQ**

**EFM8BB31F32G-A-QFN24**
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 24QFN
In stock: Out stock
**RFQ**

**EFM8BB31F16I-B-QFP32**
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 16KB FLASH 32QFP
In stock: Out stock
**RFQ**

**EFM8BB31F32G-A-QFN32**
Manufacturers: Energy Micro (Silicon Labs)
Description: IC MCU 8BIT 32KB FLASH 32QFN
In stock: Out stock
**RFQ**