




Energy Micro (Silicon Labs)



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| Part Number: | EFM8BB31F16I-B-4QFN24R |
| Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| Product description | EFM8 8051 8-BIT MCU, INDUSTRIAL |
| Datasheets: |  EFM8BB31F16I-B-4QFN24R.pdf |
| RoHs Status |  Lead free / RoHS Compliant |
| Stock Condition | 79630 pcs stock |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION

Specifications of EFM8BB31F16I-B-4QFN24R

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| PART NUMBER | EFM8BB31F16I-B-4QFN24R |
| MANUFACTURER | Energy Micro (Silicon Labs) |
| DESCRIPTION | EFM8 8051 8-BIT MCU, INDUSTRIAL |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 79630 pcs |
| DATA SHEET |  EFM8BB31F16I-B-4QFN24R.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 2.2 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 24-QFN (4x4) |
| SPEED | 50MHz |
| SERIES | Busy Bee |
| RAM SIZE | 2.25K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 16KB (16K x 8) |
| PERIPHERALS | Brown-out Detect/Reset, POR, PWM, WDT |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 24-WFQFN Exposed Pad |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 125°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 16KB (16K x 8) FLASH 24-QFN (4x4) |
| DATA CONVERTERS | A/D 12x12b, A/D 2x12b |
| CORE SIZE | 8-Bit |
| CORE PROCESSOR | CIP-51 8051 |
| CONNECTIVITY | I ² C, SMBus, SPI, UART/USART |

Related Tags

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| Energy Micro (Silicon Labs) EFM8BB31F16I-B-4QFN24R | EFM8BB31F16I-B-4QFN24R Distributor | EFM8BB31F16I-B-4QFN24R Supplier |
| EFM8BB31F16I-B-4QFN24R Price | EFM8BB31F16I-B-4QFN24R Pictures | EFM8BB31F16I-B-4QFN24R Image |
| EFM8BB31F16I-B-4QFN24R PDF Datasheet | EFM8BB31F16I-B-4QFN24R Download Datasheet | EFM8BB31F16I-B-4QFN24R Datasheet |
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| Silicon Laboratories EFM8BB31F16I-B-4QFN24R | Silicon Labs EFM8BB31F16I-B-4QFN24R | |

Related Products

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| <div></div> <div>EFM8BB31F16G-B-QFN32R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 101512 pcs</div> <div>RFQ</div> | <div></div> <div>EFM8BB31F16I-B-5QFN32R Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, INDUSTRIAL In stock: 96804 pcs</div> <div>RFQ</div> |
| <div></div> <div>EFM8BB31F16G-B-QFP32R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFP In stock: 70321 pcs</div> <div>RFQ</div> | <div></div> <div>EFM8BB31F16I-B-QFN24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 103766 pcs</div> <div>RFQ</div> |
| <div></div> <div>EFM8BB31F16G-B-QSOP24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: 97059 pcs</div> <div>RFQ</div> | <div></div> <div>EFM8BB31F16I-B-QFN32 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 84381 pcs</div> <div>RFQ</div> |
| <div></div> <div>EFM8BB31F16I-B-QFN24R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 107698 pcs</div> <div>RFQ</div> | <div></div> <div>EFM8BB31F16I-B-QFP32 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFP In stock: 67736 pcs</div> <div>RFQ</div> |
| <div></div> <div>EFM8BB31F16I-B-QFN32R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 86316 pcs</div> <div>RFQ</div> | <div></div> <div>EFM8BB31F16G-B-QFP32 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFP In stock: 98179 pcs</div> <div>RFQ</div> |
| <div></div> <div>EFM8BB31F16G-B-QSOP24R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QSOP In stock: 153067 pcs</div> <div>RFQ</div> | <div></div> <div>EFM8BB31F16I-B-4QFN24 Manufacturers: Energy Micro (Silicon Labs) Description: EFM8 8051 8-BIT MCU, INDUSTRIAL In stock: 92684 pcs</div> <div>RFQ</div> |