



Energy Micro (Silicon Labs)



EFM8LB11F16E-B-QFN24R

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM8LB11F16E-B-QFN24R                                                                                        |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 16KB FLASH 24QFN                                                                                 |
| Datasheets:         | <a href="#">PDF EFM8LB11F16E-B-QFN24R.pdf</a>                                                                |
| 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.

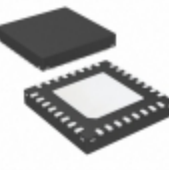
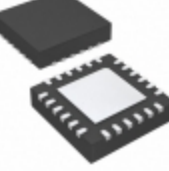
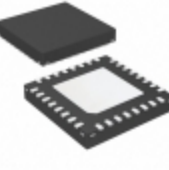
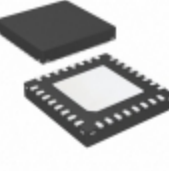
Specifications of EFM8LB11F16E-B-QFN24R

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM8LB11F16E-B-QFN24R                                                                  |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                            |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 24QFN                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                             |
| DATA SHEET                       | <a href="#">PDF EFM8LB11F16E-B-QFN24R.pdf</a>                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 3.6 V                                                                          |
| SUPPLIER DEVICE PACKAGE          | 24-QFN (3x3)                                                                           |
| SPEED                            | 72MHz                                                                                  |
| SERIES                           | Laser Bee                                                                              |
| RAM SIZE                         | 1.25K 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-VFQFN Exposed Pad                                                                   |
| OSCILLATOR TYPE                  | Internal                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                     |
| NUMBER OF I/O                    | 20                                                                                     |
| 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 Laser Bee Microcontroller IC 8-Bit 72MHz 16KB (16K x 8) FLASH 24-QFN (3x3) |
| DATA CONVERTERS                  | A/D 12x14b, 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) EFM8LB11F16E-B-QFN24R | EFM8LB11F16E-B-QFN24R Distributor        | EFM8LB11F16E-B-QFN24R Supplier                        |
| EFM8LB11F16E-B-QFN24R Price                       | EFM8LB11F16E-B-QFN24R Pictures           | EFM8LB11F16E-B-QFN24R Image                           |
| EFM8LB11F16E-B-QFN24R PDF Datasheet               | EFM8LB11F16E-B-QFN24R Download Datasheet | EFM8LB11F16E-B-QFN24R Datasheet                       |
| EFM8LB11F16E-B-QFN24R Stock                       | Buy EFM8LB11F16E-B-QFN24R                | Buy Energy Micro (Silicon Labs) EFM8LB11F16E-B-QFN24R |
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| Silicon Laboratories EFM8LB11F16E-B-QFN24R        | Silicon Labs EFM8LB11F16E-B-QFN24R       |                                                       |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>EFM8LB11F16E-B-QSOP24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>EFM8LB11F16E-B-QSOP24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>EFM8LB11F16E-A-QSOP24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>EFM8LB11F16E-A-QFP32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>EFM8LB11F16E-B-QFN32</b><br/>Manufacturers: Silicon Labs<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>                   | <div></div> <div><b>EFM8LB11F16E-B-QFP32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32QFP<br/>In stock: 250 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>EFM8LB11F16E-A-QFP32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>EFM8LB11F16E-B-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QFN<br/>In stock: 115 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>EFM8LB11F16E-A-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>EFM8LB11F16E-B-QFP32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
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