

EFM8LB12F64ES0-B-QFN32



SILICON LABS



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Part Number: [EFM8LB12F64ES0-B-QFN32](#)

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

Description: IC MCU 8BIT 64KB FLASH 32QFN

Data sheet:  [EFM8LB1 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

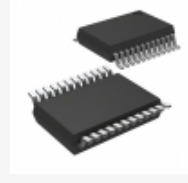
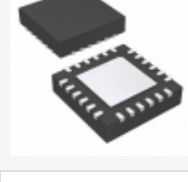
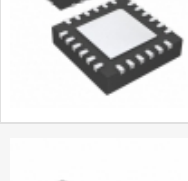
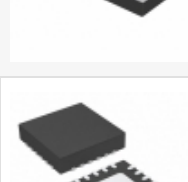
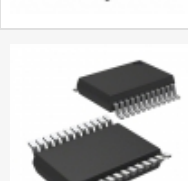
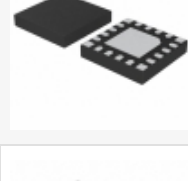
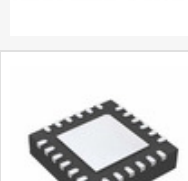
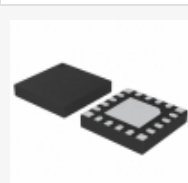
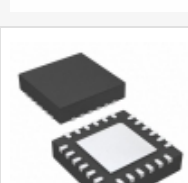
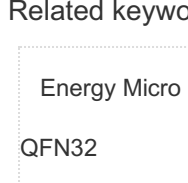
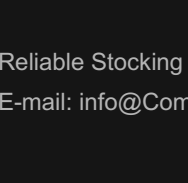
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                        |                                 |                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EFM8LB12F64ES0-B-QFN32                                                                 | Manufacturer                    | <a href="#">Energy Micro (Silicon Labs)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 8BIT 64KB FLASH 32QFN                                                           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 79111 pcs                                                                              | Data sheet                      | <a href="#">EFM8LB1 Datasheet</a>           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                              | Voltage - Supply (Vcc/Vdd)      | 2.2 V ~ 3.6 V                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 32-QFN (4x4)                                                                           | Speed                           | 72MHz                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Laser 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                       | Tray                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 32-UFQFN Exposed Pad                                                                   | Oscillator Type                 | Internal                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 105°C (TA)                                                                     | Number of I/O                   | 28                                          |
| 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 64KB (64K x 8) FLASH 32-QFN (4x4) | Data Converters                 | A/D 20x14b, 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 79111 pieces of Energy Micro (Silicon Labs) EFM8LB12F64ES0-B-QFN32 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="#">EFM8LB12F64ES0-B-QFN32R</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFN | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8LB12F64E-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="#">EFM8SB10F8G-A-CSP16</a><br>Description: IC MCU 8BIT 8KB FLASH 16CSP      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8LB12F64E-B-QFN24</a><br>Description: IC MCU 8BIT 64KB FLASH 24QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8LB12F64E-B-QFN24R</a><br>Description: IC MCU 8BIT 64KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8SB10F2G-A-QFN20</a><br>Description: IC MCU 8BIT 2KB FLASH 20QFN      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8LB12F64ES0-B-QFN24</a><br>Description: IC MCU 8BIT 64KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8LB12F64E-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="#">EFM8LB12F64E-B-QFN32</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8SB10F8A-A-QFN20R</a><br>Description: IC MCU 8BIT 8KB FLASH 20QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8LB12F64E-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="#">EFM8SB10F8A-A-QFN20</a><br>Description: 8KB FLASH, 512B RAM, TOUCH, LOW  | Manufacturers: <a href="#">Silicon Labs</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8SB10F8A-A-QFN24</a><br>Description: IC MCU 8BIT 8KB FLASH 24QFN      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8SB10F4G-A-QFN20R</a><br>Description: IC MCU 8BIT 4KB FLASH 20QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8LB12F64E-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="#">EFM8SB10F8A-A-QFN24R</a><br>Description: IC MCU 8BIT 8KB FLASH 24QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8SB10F4G-A-QFN20</a><br>Description: IC MCU 8BIT 4KB FLASH 20QFN      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM8SB10F2G-A-QFN20R</a><br>Description: IC MCU 8BIT 2KB FLASH 20QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">EFM8LB12F64E-B-QFN32R</a><br>Description: IC MCU 8BIT 64KB FLASH 32QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |

Related keywords for EFM8LB12F64ES0-B-QFN32

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