



### EFM8LB10F16E-A-QFP32

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM8LB10F16E-A-QFP32                                                                                         |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 8BIT 16KB FLASH 32QFP                                                                                 |
| Datasheets:         |  EFM8LB10F16E-A-QFP32.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.

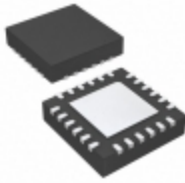
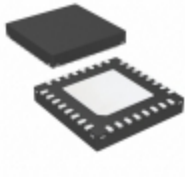
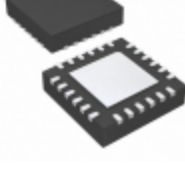
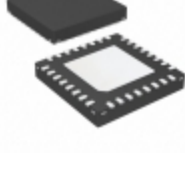
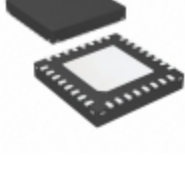
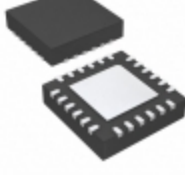
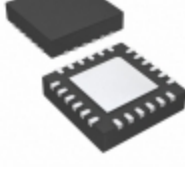
#### Specifications of EFM8LB10F16E-A-QFP32

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM8LB10F16E-A-QFP32                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                  |
| DESCRIPTION                      | IC MCU 8BIT 16KB FLASH 32QFP                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| DATA SHEET                       |  EFM8LB10F16E-A-QFP32.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.2 V ~ 3.6 V                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 32-QFP (7x7)                                                                                                 |
| 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                        | Tray                                                                                                         |
| PACKAGE / CASE                   | 32-TQFP                                                                                                      |
| OTHER NAMES                      | 336-3463                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                           |
| NUMBER OF I/O                    | 28                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 6 (Time on Label)                                                                                            |
| 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 32-QFP (7x7)                       |
| DATA CONVERTERS                  | A/D 20x14b                                                                                                   |
| 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) EFM8LB10F16E-A-QFP32 | EFM8LB10F16E-A-QFP32 Distributor        | EFM8LB10F16E-A-QFP32 Supplier                        |
| EFM8LB10F16E-A-QFP32 Price                       | EFM8LB10F16E-A-QFP32 Pictures           | EFM8LB10F16E-A-QFP32 Image                           |
| EFM8LB10F16E-A-QFP32 PDF Datasheet               | EFM8LB10F16E-A-QFP32 Download Datasheet | EFM8LB10F16E-A-QFP32 Datasheet                       |
| EFM8LB10F16E-A-QFP32 Stock                       | Buy EFM8LB10F16E-A-QFP32                | Buy Energy Micro (Silicon Labs) EFM8LB10F16E-A-QFP32 |
| Energy Micro (Silicon Labs) EFM8LB10F16E-A-QFP32 | Energy Micro (Silicon Labs) Supplier    | Energy Micro (Silicon Labs) Distributor              |
| Energy Micro (Silicon Labs) EFM8LB10F16E-A-QFP32 | Energy Micro EFM8LB10F16E-A-QFP32       | Energy Micro (Silicon Labs) EFM8LB10F16E-A-QFP32     |
| Silicon Laboratories EFM8LB10F16E-A-QFP32        | Silicon Labs EFM8LB10F16E-A-QFP32       |                                                      |

#### Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EFM8LB10F16E-A-QSOP24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QSOP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>EFM8LB10F16E-B-QFN24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QFN<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>EFM8BB31F64I-B-QSOP24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 24QSOP<br/>In stock: 205 pcs<br/>RFQ</div>    |  <div><b>EFM8LB10F16E-B-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: 440 pcs<br/>RFQ</div>    |
|  <div><b>EFM8LB10F16E-A-QSOP24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QSOP<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>EFM8LB10F16E-A-QFN24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QFN<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>EFM8LB10F16E-A-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>EFM8LB10F16E-A-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32QFN<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>EFM8BB31F64I-B-QSOP24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 24QSOP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>EFM8LB10F16E-B-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QFN<br/>In stock: 100 pcs<br/>RFQ</div>    |
|  <div><b>EFM8LB10F16E-A-QFP32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 32QFP<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>EFM8LB10F16E-A-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 16KB FLASH 24QFN<br/>In stock: Out stock<br/>RFQ</div>  |