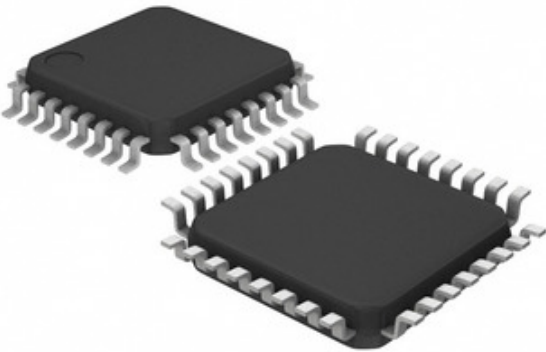




Energy Micro (Silicon Labs)



### EFM8UB20F64G-A-QFP32

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM8UB20F64G-A-QFP32                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                |
| Product description | IC MCU 8BIT 64KB FLASH 32QFP                                                                                               |
| Datasheets:         |  <a href="#">EFM8UB20F64G-A-QFP32.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Stock Condition     | 47063 pcs stock                                                                                                            |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

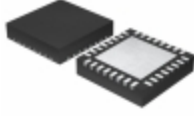
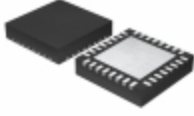
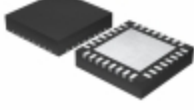
#### Specifications of EFM8UB20F64G-A-QFP32

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM8UB20F64G-A-QFP32                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                  |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 32QFP                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| QUANTITY AVAILABLE               | 47063 pcs                                                                                                                    |
| DATA SHEET                       |  <a href="#">EFM8UB20F64G-A-QFP32.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.65 V ~ 3.6 V                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 32-QFP (7x7)                                                                                                                 |
| SPEED                            | 48MHz                                                                                                                        |
| SERIES                           | Universal 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-LQFP                                                                                                                      |
| OTHER NAMES                      | 336-3190                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                            |
| NUMBER OF I/O                    | 25                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| EEPROM SIZE                      | -                                                                                                                            |
| DETAILED DESCRIPTION             | CIP-51 8051 Universal Bee Microcontroller IC 8-Bit 48MHz 64KB (64K x 8) FLASH 32-QFP (7x7)                                   |
| DATA CONVERTERS                  | A/D 20x10b                                                                                                                   |
| CORE SIZE                        | 8-Bit                                                                                                                        |
| CORE PROCESSOR                   | CIP-51 8051                                                                                                                  |
| CONNECTIVITY                     | I <sup>2</sup> C, SMBus, SPI, UART/USART, USB                                                                                |

#### Related Tags

|                                                  |                                         |                                                      |
|--------------------------------------------------|-----------------------------------------|------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM8UB20F64G-A-QFP32 | EFM8UB20F64G-A-QFP32 Distributor        | EFM8UB20F64G-A-QFP32 Supplier                        |
| EFM8UB20F64G-A-QFP32 Price                       | EFM8UB20F64G-A-QFP32 Pictures           | EFM8UB20F64G-A-QFP32 Image                           |
| EFM8UB20F64G-A-QFP32 PDF Datasheet               | EFM8UB20F64G-A-QFP32 Download Datasheet | EFM8UB20F64G-A-QFP32 Datasheet                       |
| EFM8UB20F64G-A-QFP32 Stock                       | Buy EFM8UB20F64G-A-QFP32                | Buy Energy Micro (Silicon Labs) EFM8UB20F64G-A-QFP32 |
| Energy Micro (Silicon Labs) EFM8UB20F64G-A-QFP32 | Energy Micro (Silicon Labs) Supplier    | Energy Micro (Silicon Labs) Distributor              |
| Energy Micro (Silicon Labs) EFM8UB20F64G-A-QFP32 | Energy Micro EFM8UB20F64G-A-QFP32       | Energy Micro (Silicon Labs) EFM8UB20F64G-A-QFP32     |
| Silicon Laboratories EFM8UB20F64G-A-QFP32        | Silicon Labs EFM8UB20F64G-A-QFP32       |                                                      |

#### Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EFM8UB20F64G-B-QFP32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32LQFP<br/>In stock: 42928 pcs<br/><div>RFQ</div></div>  |  <div><b>EFM8UB20F32G-B-QFP32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 48051 pcs<br/><div>RFQ</div></div>  |
|  <div><b>EFM8UB20F64G-A-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 60161 pcs<br/><div>RFQ</div></div>   |  <div><b>EFM8UB20F64G-A-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 76681 pcs<br/><div>RFQ</div></div>  |
|  <div><b>EFM8UB20F64G-B-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 58510 pcs<br/><div>RFQ</div></div>   |  <div><b>EFM8UB20F64G-B-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32QFN<br/>In stock: 75808 pcs<br/><div>RFQ</div></div>  |
|  <div><b>EFM8UB20F32G-B-QFP48R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 68155 pcs<br/><div>RFQ</div></div> |  <div><b>EFM8UB20F32G-B-QFP48</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 48TQFP<br/>In stock: 46815 pcs<br/><div>RFQ</div></div>  |
|  <div><b>EFM8UB20F64G-A-QFP48R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 48QFP<br/>In stock: 55151 pcs<br/><div>RFQ</div></div>  |  <div><b>EFM8UB20F32G-B-QFP32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 32KB FLASH 32LQFP<br/>In stock: 71260 pcs<br/><div>RFQ</div></div> |
|  <div><b>EFM8UB20F64G-A-QFP32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 32QFP<br/>In stock: 52865 pcs<br/><div>RFQ</div></div>  |  <div><b>EFM8UB20F64G-A-QFP48</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 8BIT 64KB FLASH 48QFP<br/>In stock: 52187 pcs<br/><div>RFQ</div></div>   |