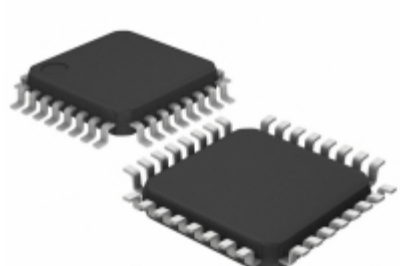


EFM8SB20F32G-A-QFP32



**SILICON LABS**

**Part Number:** [EFM8SB20F32G-A-QFP32](#)

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

**Description:** IC MCU 8BIT 32KB FLASH 32QFP

**Data sheet:**  [EFM8SB2 Datasheet](#)

**RoHs Status:** Lead free / RoHS Compliant

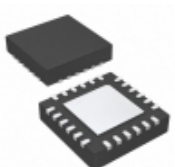
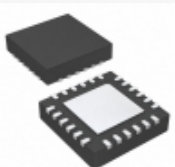
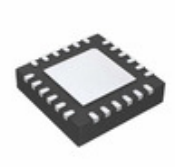
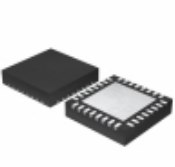
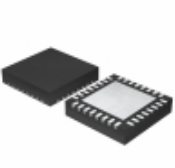
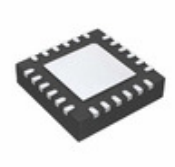
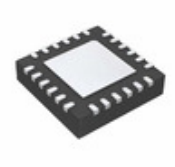
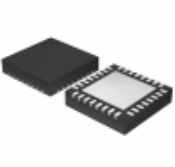
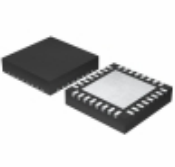
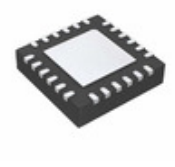
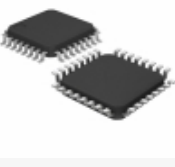
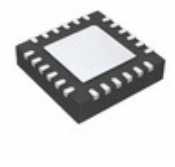
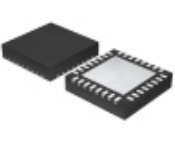
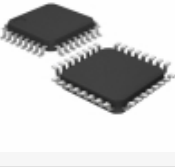
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
**Buy EFM8SB20F32G-A-QFP32 with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                         |                                  |                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | EFM8SB20F32G-A-QFP32                                                                    | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 32KB FLASH 32QFP                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 85889 pcs                                                                               | Data sheet                       | <a href="#">EFM8SB2 Datasheet</a>           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                               | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                   | 32-QFP (7x7)                                                                            | Speed                            | 25MHz                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sleepy Bee                                                                              | RAM Size                         | 4.25K x 8                                   |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                                                                   | Program Memory Size              | 32KB (32K x 8)                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, POR, PWM, WDT                                                   | Packaging                        | Tray                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                            | 32-LQFP                                                                                 | Other Names                      | 336-3178                                    |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal                                                                                | Operating Temperature            | -40°C ~ 85°C (TA)                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                             | 24                                                                                      | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                                              | EEPROM Size                      | -                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                      | CIP-51 8051 Sleepy Bee Microcontroller IC 8-Bit 25MHz 32KB (32K x 8) FLASH 32-QFP (7x7) | Data Converters                  | A/D 23x10b                                  |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                                   | Core Processor                   | CIP-51 8051                                 |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                              | EBI/EMI, 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 85889 pieces of Energy Micro (Silicon Labs) EFM8SB20F32G-A-QFP32 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: info@Components-World.com |                                                                                         |                                  |                                             |

| RELATED PRODUCTS                                                                   |                                              |                                                            |                     |
|------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EFM8SB20F16G-B-QFN24</a>  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 16KB FLASH 24QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F16G-B-QFN24R</a> | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 16KB FLASH 24QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F32G-B-QFN24R</a> | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 32KB FLASH 24QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F32G-B-QFN32</a>  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 32KB FLASH 32QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F32G-A-QFN32</a>  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 32KB FLASH 32QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F16G-A-QFN24R</a> | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 16KB FLASH 24QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB10F8G-A-QSOP24</a>  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 24QSOP    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F16G-A-QFN24</a>  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 16KB FLASH 24QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F32G-B-QFP32</a>  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 32KB FLASH 32QFP    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F64G-A-QFN32</a>  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 64KB FLASH 32QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F32G-A-QFN32R</a> | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 32KB FLASH 32QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F32G-B-QFN24</a>  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 32KB FLASH 24QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB10F8G-A-QSOP24R</a> | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 8KB FLASH 24QSOP    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F32G-A-QFN24R</a> | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 32KB FLASH 24QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F32G-A-QFN24</a>  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 32KB FLASH 24QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F32G-A-QFP32R</a> | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 32KB FLASH 32QFP    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F64G-A-QFN24R</a> | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 64KB FLASH 24QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F64G-A-QFN24</a>  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 64KB FLASH 24QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F32G-B-QFN32R</a> | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 32KB FLASH 32QFN    |                                                            |                     |
|  | Part#: <a href="#">EFM8SB20F32G-B-QFP32R</a> | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|                                                                                    | Description: IC MCU 8BIT 32KB FLASH 32QFP    |                                                            |                     |

Related keywords for EFM8SB20F32G-A-QFP32

|                                                  |                                                  |                                   |                                                  |
|--------------------------------------------------|--------------------------------------------------|-----------------------------------|--------------------------------------------------|
| Energy Micro (Silicon Labs) EFM8SB20F32G-A-QFP32 | EFM8SB20F32G-A-QFP32 distributor                 | EFM8SB20F32G-A-QFP32 supplier     | EFM8SB20F32G-A-QFP32 price                       |
|                                                  | EFM8SB20F32G-A-QFP32 download datasheet          | EFM8SB20F32G-A-QFP32 datasheet    | EFM8SB20F32G-A-QFP32 stock                       |
| buy EFM8SB20F32G-A-QFP32                         | Energy Micro (Silicon Labs) EFM8SB20F32G-A-QFP32 | Energy Micro EFM8SB20F32G-A-QFP32 | Energy Micro (Silicon Labs) EFM8SB20F32G-A-QFP32 |
| Silicon Laboratories EFM8SB20F32G-A-QFP32        | Silicon Labs EFM8SB20F32G-A-QFP32                |                                   |                                                  |