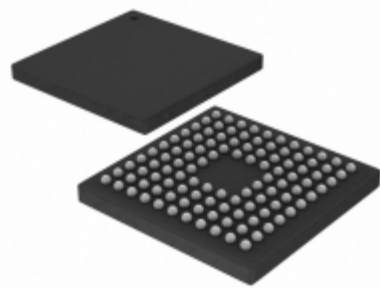


EFM32LG890F256-BGA112T



**SILICON LABS**

**Part Number:** [EFM32LG890F256-BGA112T](#)

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

**Description:** IC MCU 32BIT 256KB FLASH 112BGA

**Data sheet:**  [EFM32\(LG\) Family Datasheet](#)

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

**Ship From:** Hong Kong

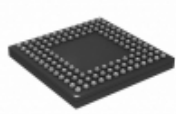
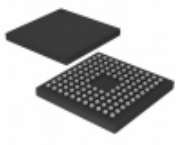
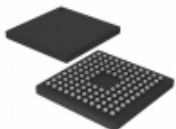
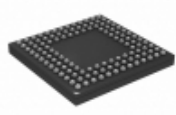
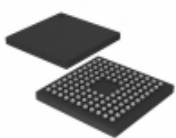
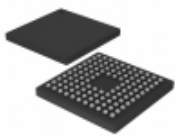
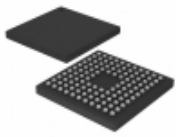
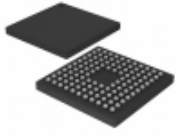
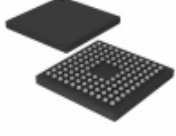
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                                                    |                                |                                                                                      |
|----------------------------------|--------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------|
| Part Number                      | EFM32LG890F256-BGA112T                                             | Manufacturer                   | <a href="#">Energy Micro (Silicon Labs)</a>                                          |
| Description                      | IC MCU 32BIT 256KB FLASH 112BGA                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                           |
| Quantity Available               | 5758 pcs                                                           | Data sheet                     | <a href="#">EFM32(LG) Family Datasheet</a>                                           |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply (Vcc/Vdd)     | 1.85 V ~ 3.8 V                                                                       |
| Speed                            | 48MHz                                                              | Series                         | Leopard Gecko                                                                        |
| RAM Size                         | 32K x 8                                                            | Program Memory Type            | FLASH                                                                                |
| Program Memory Size              | 256KB (256K x 8)                                                   | Peripherals                    | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                      |
| Packaging                        | Tray                                                               | Package / Case                 | 112-LFBGA                                                                            |
| Other Names                      | EFM32LG890F256-BGA112-T<br>EFM32LG890F256-T<br>EFM32LG890F256-T-ND | Oscillator Type                | Internal                                                                             |
| Operating Temperature            | -40°C ~ 85°C (TA)                                                  | Number of I/O                  | 90                                                                                   |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                      | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                           |
| EEPROM Size                      | -                                                                  | Detailed Description           | ARM® Cortex®-M3 Leopard Gecko Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH |
| Data Converters                  | A/D 8x12b, D/A 2x12b                                               | Core Size                      | 32-Bit                                                                               |
| Core Processor                   | ARM® Cortex®-M3                                                    | Connectivity                   | EBI/EMI, I²C, IrDA, SmartCard, 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 5758 pieces of Energy Micro (Silicon Labs) EFM32LG890F256-BGA112T in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

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|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EFM32LG895F128G-E-BGA120</a><br>Description: IC MCU 32BIT 128KB FLASH 120BGA   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG890F128G-E-BGA112R</a><br>Description: IC MCU 32BIT 128KB FLASH 112BGA  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG890F256-BGA112</a><br>Description: IC MCU 32BIT 256KB FLASH 112BGA      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG890F64G-E-BGA112R</a><br>Description: IC MCU 32BIT 64KB FLASH 112BGA    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG880F256G-E-QFP100R</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG880F64-QFP100</a><br>Description: IC MCU 32BIT 64KB FLASH 100LQFP       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG895F128-BGA120T</a><br>Description: IC MCU 32BIT 128KB FLASH 120BGA     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG895F128G-E-BGA120R</a><br>Description: IC MCU 32BIT 128KB FLASH 120BGA  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG890F64-BGA112</a><br>Description: IC MCU 32BIT 64KB FLASH 112BGA        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG890F64G-E-BGA112</a><br>Description: IC MCU 32BIT 64KB FLASH 112BGA     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG890F128G-E-BGA112</a><br>Description: IC MCU 32BIT 128KB FLASH 112BGA   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG890F128-BGA112T</a><br>Description: IC MCU 32BIT 128KB FLASH 112BGA     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG880F64G-E-QFP100R</a><br>Description: IC MCU 32BIT 64KB FLASH 100LQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG890F128-BGA112</a><br>Description: IC MCU 32BIT 128KB FLASH 112BGA      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG895F128-BGA120</a><br>Description: IC MCU 32BIT 128KB FLASH 120BGA      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG890F256G-E-BGA112R</a><br>Description: IC MCU 32BIT 256KB FLASH 112BGA  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG890F256G-E-BGA112</a><br>Description: IC MCU 32BIT 256KB FLASH 112BGA   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG890F64-BGA112T</a><br>Description: IC MCU 32BIT 64KB FLASH 112BGA       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG880F64-QFP100T</a><br>Description: IC MCU 32BIT 64KB FLASH 100LQFP      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32LG880F64G-E-QFP100</a><br>Description: IC MCU 32BIT 64KB FLASH 100LQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |

Related keywords for EFM32LG890F256-BGA112T

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