

EFM32GG995F1024-BGA120T



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Part Number: [EFM32GG995F1024-BGA120T](#)

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

Description: IC MCU 32BIT 1MB FLASH 120BGA

Data sheet:  [EFM32GG995](#)  
 [EFM32GG Ref Manual](#)  
 [EFM32 Product Introduction](#)

RoHs Status: Lead free / RoHS Compliant

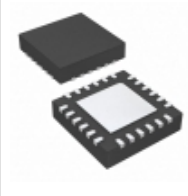
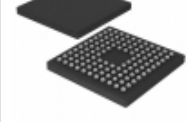
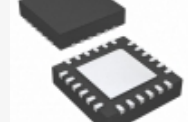
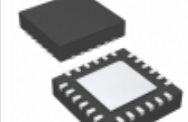
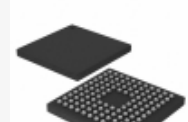
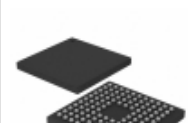
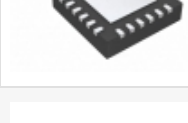
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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                              |                                  |                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EFM32GG995F1024-BGA120T                                                                      | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a>                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC MCU 32BIT 1MB FLASH 120BGA                                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 13327 pcs                                                                                    | Data sheet                       | <a href="#">EFM32GG995</a><br><a href="#">EFM32GG Ref Manual</a><br><a href="#">EFM32 Product Introduction</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                                                    | Voltage - Supply (Vcc/Vdd)       | 1.85 V ~ 3.8 V                                                                                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 120-BGA (7x7)                                                                                | Speed                            | 48MHz                                                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Giant Gecko                                                                                  | RAM Size                         | 128K x 8                                                                                                       |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FLASH                                                                                        | Program Memory Size              | 1MB (1M x 8)                                                                                                   |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                              | Packaging                        | Tray                                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 120-VFBGA                                                                                    | Other Names                      | EFM32GG995F1024-BGA120-T<br>EFM32GG995F1024-T<br>EFM32GG995F1024-T-ND                                          |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Internal                                                                                     | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 93                                                                                           | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                                                                   | EEPROM Size                      | -                                                                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ARM® Cortex®-M3 Giant Gecko Microcontroller IC 32-Bit 48MHz 1MB (1M x 8) FLASH 120-BGA (7x7) | 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, USB                                          |                                  |                                                                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 13327 pieces of Energy Micro (Silicon Labs) EFM32GG995F1024-BGA120T 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="#">EFM32GG995F512G-E-BGA120R</a><br>Description: IC MCU 32BIT 512KB FLASH 120BGA  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG995F1024G-E-BGA120R</a><br>Description: IC MCU 32BIT 1MB FLASH 120BGA   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32HG108F32G-B-QFN24R</a><br>Description: IC MCU 32BIT 32KB FLASH 24QFN      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG990F1024-BGA112T</a><br>Description: IC MCU 32BIT 1MB FLASH 112BGA      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG990F512G-E-BGA112</a><br>Description: IC MCU 32BIT 512KB FLASH 112BGA   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32HG108F32G-B-QFN24</a><br>Description: IC MCU 32BIT 32KB FLASH 24QFN       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32HG108F32G-A-QFN24R</a><br>Description: IC MCU 32BIT 32KB FLASH 24QFN      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG990F1024G-E-BGA112</a><br>Description: IC MCU 32BIT 1MB FLASH 112BGA    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG990F1024G-E-BGA112R</a><br>Description: IC MCU 32BIT 1MB FLASH 112BGA   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG990F512-BGA112T</a><br>Description: IC MCU 32BIT 512KB FLASH 112BGA     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG990F1024-BGA112</a><br>Description: IC MCU 32BIT 1MB FLASH 112BGA       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG995F512-BGA120</a><br>Description: IC MCU 32BIT 512KB FLASH 120BGA      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG995F512G-E-BGA120</a><br>Description: IC MCU 32BIT 512KB FLASH 120BGA   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG995F1024-BGA120</a><br>Description: IC MCU 32BIT 1MB FLASH 120BGA       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32HG108F32G-A-QFN24</a><br>Description: IC MCU 32BIT 32KB FLASH 24QFN       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG995F1024G-E-BGA120</a><br>Description: IC MCU 32BIT 1MB FLASH 120BGA    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG990F512G-E-BGA112R</a><br>Description: IC MCU 32BIT 512KB FLASH 112BGA  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG980F512G-E-QFP100R</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG995F512-BGA120T</a><br>Description: IC MCU 32BIT 512KB FLASH 120BGA     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32GG990F512-BGA112</a><br>Description: IC MCU 32BIT 512KB FLASH 112BGA      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |

| Related keywords for EFM32GG995F1024-BGA120T        |                                                     |                                      |                                                     |
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