



Energy Micro (Silicon Labs)



EFM32LG995F64-BGA120T

|                     |                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32LG995F64-BGA120T                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                 |
| Product description | IC MCU 32BIT 64KB FLASH 120BGA                                                                                              |
| Datasheets:         |  <a href="#">EFM32LG995F64-BGA120T.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                |
| Stock Condition     | 4351 pcs stock                                                                                                              |
| Ship From           | Hong Kong                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                       |

REQUEST FOR QUOTATION

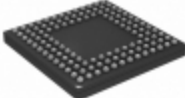
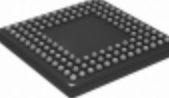
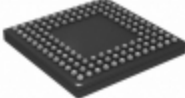
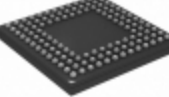
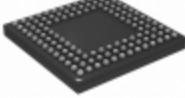
Specifications of EFM32LG995F64-BGA120T

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32LG995F64-BGA120T                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 120BGA                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                    |
| QUANTITY AVAILABLE               | 4351 pcs                                                                                                                      |
| DATA SHEET                       |  <a href="#">EFM32LG995F64-BGA120T.pdf</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              | 64KB (64K x 8)                                                                                                                |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT                                                                               |
| PACKAGING                        | Tray                                                                                                                          |
| PACKAGE / CASE                   | 120-VFBGA                                                                                                                     |
| OTHER NAMES                      | EFM32LG995F64-BGA120-T<br>EFM32LG995F64-T<br>EFM32LG995F64-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 Leopard Gecko Microcontroller IC 32-Bit 48MHz 64KB (64K 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, USB                                                                           |

Related Tags

|                                                   |                                          |                                                       |
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| Silicon Laboratories EFM32LG995F64-BGA120T        | Silicon Labs EFM32LG995F64-BGA120T       |                                                       |

Related Products

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|  <div>EFM32PG12B500F1024GL125-C</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: PEARL M4 BGA125 G-GRADE<br/>In stock: 20899 pcs</div> <div>RFQ</div>         |  <div>EFM32LG995F256-BGA120T</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 120BGA<br/>In stock: 5752 pcs</div> <div>RFQ</div>     |
|  <div>EFM32LG995F256-BGA120</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 120BGA<br/>In stock: 5981 pcs</div> <div>RFQ</div>      |  <div>EFM32LG995F256G-E-BGA120</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 120BGA<br/>In stock: 18734 pcs</div> <div>RFQ</div>  |
|  <div>EFM32LG995F64G-E-BGA120</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 120BGA<br/>In stock: 29229 pcs</div> <div>RFQ</div>    |  <div>EFM32LG995F64G-E-BGA120R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 120BGA<br/>In stock: 27543 pcs</div> <div>RFQ</div>   |
|  <div>EFM32LG995F128G-E-BGA120R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 120BGA<br/>In stock: 27423 pcs</div> <div>RFQ</div> |  <div>EFM32PG12B500F1024GL125-CR</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: PEARL M4 BGA125 G-GRADE<br/>In stock: 18670 pcs</div> <div>RFQ</div>        |
|  <div>EFM32PG12B500F1024GL125-B</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 1MB FLASH 125BGA<br/>In stock: 20671 pcs</div> <div>RFQ</div>   |  <div>EFM32LG995F256G-E-BGA120R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 120BGA<br/>In stock: 19371 pcs</div> <div>RFQ</div> |
|  <div>EFM32PG12B500F1024GL125-BR</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 1MB FLASH 125BGA<br/>In stock: 22800 pcs</div> <div>RFQ</div>  |  <div>EFM32LG995F64-BGA120</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 120BGA<br/>In stock: 6591 pcs</div> <div>RFQ</div>        |