



Energy Micro (Silicon Labs)



|                     |                                                                                                                              |
|---------------------|------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32LG295F128-BGA120T                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                  |
| Product description | IC MCU 32BIT 128KB FLASH 120BGA                                                                                              |
| Datasheets:         |  <a href="#">EFM32LG295F128-BGA120T.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                 |
| Stock Condition     | 4573 pcs stock                                                                                                               |
| Ship From           | Hong Kong                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                        |

REQUEST FOR QUOTATION

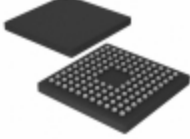
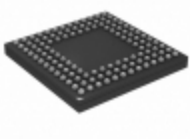
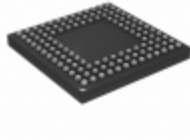
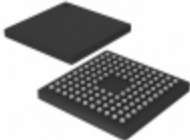
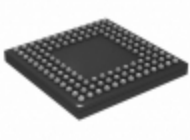
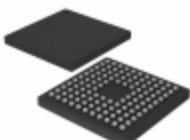
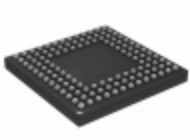
Specifications of EFM32LG295F128-BGA120T

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32LG295F128-BGA120T                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 120BGA                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                     |
| QUANTITY AVAILABLE               | 4573 pcs                                                                                                                       |
| DATA SHEET                       |  <a href="#">EFM32LG295F128-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              | 128KB (128K x 8)                                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                     |
| PACKAGING                        | Tray                                                                                                                           |
| PACKAGE / CASE                   | 120-VFBGA                                                                                                                      |
| OTHER NAMES                      | EFM32LG295F128-BGA120-T<br>EFM32LG295F128-T<br>EFM32LG295F128-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 128KB (128K 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                                                                                 |

Related Tags

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| Silicon Laboratories EFM32LG295F128-BGA120T        | Silicon Labs EFM32LG295F128-BGA120T       |                                                        |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                |
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| <div><div>EFM32LG295F256-BGA120</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 120BGA<br/>In stock: 4914 pcs</div><div>RFQ</div></div>      | <div><div>EFM32LG290F64G-E-BGA112</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 112LFBGA<br/>In stock: 32943 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32LG290F64-BGA112T</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 112BGA<br/>In stock: 2741 pcs</div><div>RFQ</div></div>       | <div><div>EFM32LG295F128G-E-BGA120R</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 120BGA<br/>In stock: 24768 pcs</div><div>RFQ</div></div> |
| <div><div>EFM32LG295F256G-E-BGA120</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 120BGA<br/>In stock: 22299 pcs</div><div>RFQ</div></div>  | <div><div>EFM32LG290F64G-E-BGA112R</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 112LFBGA<br/>In stock: 37413 pcs</div><div>RFQ</div></div> |
| <div><div>EFM32LG290F256G-E-BGA112R</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 112BGA<br/>In stock: 19975 pcs</div><div>RFQ</div></div> | <div><div>EFM32LG295F128G-E-BGA120</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 120BGA<br/>In stock: 27161 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32LG295F128-BGA120</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 120BGA<br/>In stock: 5219 pcs</div><div>RFQ</div></div>      | <div><div>EFM32LG295F256-BGA120T</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 120BGA<br/>In stock: 5936 pcs</div><div>RFQ</div></div>     |
| <div><div>EFM32LG290F64-BGA112</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 112BGA<br/>In stock: 5977 pcs</div><div>RFQ</div></div>        | <div><div>EFM32LG295F256G-E-BGA120R</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 120BGA<br/>In stock: 23648 pcs</div><div>RFQ</div></div> |