



Energy Micro (Silicon Labs)



EFM32LG395F128-BGA120

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32LG395F128-BGA120                                                                                        |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 32BIT 128KB FLASH 120BGA                                                                              |
| Datasheets:         |  EFM32LG395F128-BGA120.pdf  |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3962 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

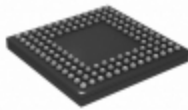
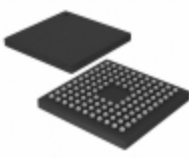
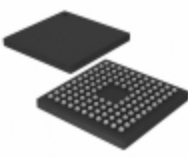
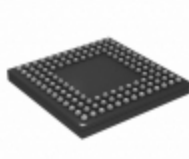
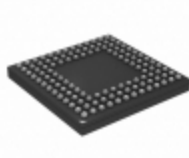
Specifications of EFM32LG395F128-BGA120

|                                  |                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32LG395F128-BGA120                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 120BGA                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                    |
| QUANTITY AVAILABLE               | 3962 pcs                                                                                                      |
| DATA SHEET                       |  EFM32LG395F128-BGA120.pdf |
| 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                        | Tape & Reel (TR)                                                                                              |
| PACKAGE / CASE                   | 120-VFBGA                                                                                                     |
| OTHER NAMES                      | EFM32LG395F128<br>EFM32LG395F128-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, USB                                                           |

Related Tags

|                                                   |                                          |                                                       |
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| Silicon Laboratories EFM32LG395F128-BGA120        | Silicon Labs EFM32LG395F128-BGA120       |                                                       |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                |
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| <div><div>EFM32LG395F256-BGA120</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 120BGA<br/>In stock: 3729 pcs</div><div>RFQ</div></div>      | <div><div>EFM32LG390F256G-E-BGA112</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 112BGA<br/>In stock: 23243 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32LG390F64G-E-BGA112R</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 112LFBGA<br/>In stock: 33774 pcs</div><div>RFQ</div></div> | <div><div>EFM32LG395F128G-E-BGA120R</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 120BGA<br/>In stock: 23141 pcs</div><div>RFQ</div></div> |
| <div><div>EFM32LG390F64-BGA112</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 112BGA<br/>In stock: 5762 pcs</div><div>RFQ</div></div>        | <div><div>EFM32LG390F64-BGA112T</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 112BGA<br/>In stock: 3412 pcs</div><div>RFQ</div></div>       |
| <div><div>EFM32LG395F256G-E-BGA120</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 120BGA<br/>In stock: 21849 pcs</div><div>RFQ</div></div>  | <div><div>EFM32LG395F128-BGA120T</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 120BGA<br/>In stock: 5020 pcs</div><div>RFQ</div></div>     |
| <div><div>EFM32LG395F128G-E-BGA120</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 120BGA<br/>In stock: 26811 pcs</div><div>RFQ</div></div>  | <div><div>EFM32LG395F256-BGA120T</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 120BGA<br/>In stock: 3462 pcs</div><div>RFQ</div></div>     |
| <div><div>EFM32LG390F256G-E-BGA112R</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 112BGA<br/>In stock: 26731 pcs</div><div>RFQ</div></div> | <div><div>EFM32LG390F64G-E-BGA112</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 112LFBGA<br/>In stock: 28428 pcs</div><div>RFQ</div></div>  |