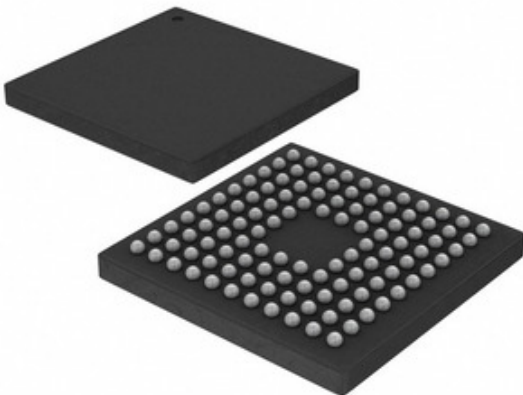




Energy Micro (Silicon Labs)



EFM32LG290F64-BGA112

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32LG290F64-BGA112                                                                                         |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 32BIT 64KB FLASH 112BGA                                                                               |
|                     |  1.EFM32LG290F64-BGA112.pdf |
|                     |  2.EFM32LG290F64-BGA112.pdf |
|                     |  3.EFM32LG290F64-BGA112.pdf |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5977 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

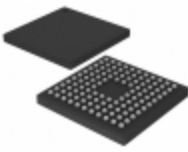
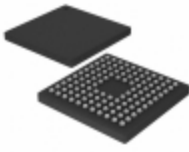
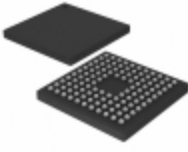
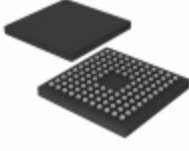
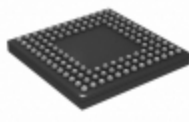
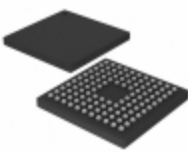
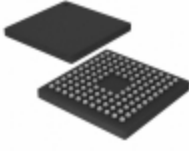
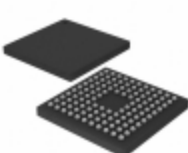
Specifications of EFM32LG290F64-BGA112

|                                  |                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32LG290F64-BGA112                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 112BGA                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 5977 pcs                                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.EFM32LG290F64-BGA112.pdf<br> 2.EFM32LG290F64-BGA112.pdf<br> 3.EFM32LG290F64-BGA112.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              | 64KB (64K x 8)                                                                                                                                                                                                                                                                                                                                     |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                                                                                                                                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 112-LFBGA                                                                                                                                                                                                                                                                                                                                          |
| OTHER NAMES                      | EFM32LG290F64<br>EFM32LG290F64-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 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                                                                                                                                                                                                                                                                                                     |

Related Tags

|                                                  |                                         |                                                      |
|--------------------------------------------------|-----------------------------------------|------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32LG290F64-BGA112 | EFM32LG290F64-BGA112 Distributor        | EFM32LG290F64-BGA112 Supplier                        |
| EFM32LG290F64-BGA112 Price                       | EFM32LG290F64-BGA112 Pictures           | EFM32LG290F64-BGA112 Image                           |
| EFM32LG290F64-BGA112 PDF Datasheet               | EFM32LG290F64-BGA112 Download Datasheet | EFM32LG290F64-BGA112 Datasheet                       |
| EFM32LG290F64-BGA112 Stock                       | Buy EFM32LG290F64-BGA112                | Buy Energy Micro (Silicon Labs) EFM32LG290F64-BGA112 |
| Energy Micro (Silicon Labs) EFM32LG290F64-BGA112 | Energy Micro (Silicon Labs) Supplier    | Energy Micro (Silicon Labs) Distributor              |
| Energy Micro (Silicon Labs) EFM32LG290F64-BGA112 | Energy Micro EFM32LG290F64-BGA112       | Energy Micro (Silicon Labs) EFM32LG290F64-BGA112     |
| Silicon Laboratories EFM32LG290F64-BGA112        | Silicon Labs EFM32LG290F64-BGA112       |                                                      |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <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>EFM32LG290F128G-E-BGA112</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 112BGA<br/>In stock: 26248 pcs</div> <div>RFQ</div>  |
|  <div>EFM32LG290F256-BGA112T</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 112BGA<br/>In stock: 4558 pcs</div> <div>RFQ</div>     |  <div>EFM32LG295F128-BGA120T</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 120BGA<br/>In stock: 4573 pcs</div> <div>RFQ</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>EFM32LG290F128G-E-BGA112R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 112BGA<br/>In stock: 32881 pcs</div> <div>RFQ</div> |
|  <div>EFM32LG290F256G-E-BGA112</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 112BGA<br/>In stock: 20858 pcs</div> <div>RFQ</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>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>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>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>EFM32LG290F256-BGA112</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 112BGA<br/>In stock: 4152 pcs</div> <div>RFQ</div>      |