



SILICON LABS

Energy Micro (Silicon Labs)



EFM32LG980F64-QFP100

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32LG980F64-QFP100                                                                                         |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 32BIT 64KB FLASH 100LQFP                                                                              |
| Datasheets:         |  EFM32LG980F64-QFP100.pdf   |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5986 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

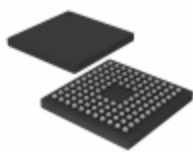
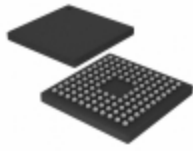
Specifications of EFM32LG980F64-QFP100

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32LG980F64-QFP100                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 100LQFP                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| QUANTITY AVAILABLE               | 5986 pcs                                                                                                     |
| DATA SHEET                       |  EFM32LG980F64-QFP100.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, LCD, POR, PWM, WDT                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                             |
| PACKAGE / CASE                   | 100-LQFP                                                                                                     |
| OTHER NAMES                      | EFM32LG980F64<br>EFM32LG980F64-ND                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                            |
| NUMBER OF I/O                    | 83                                                                                                           |
| 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

|                                                  |                                         |                                                      |
|--------------------------------------------------|-----------------------------------------|------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32LG980F64-QFP100 | EFM32LG980F64-QFP100 Distributor        | EFM32LG980F64-QFP100 Supplier                        |
| EFM32LG980F64-QFP100 Price                       | EFM32LG980F64-QFP100 Pictures           | EFM32LG980F64-QFP100 Image                           |
| EFM32LG980F64-QFP100 PDF Datasheet               | EFM32LG980F64-QFP100 Download Datasheet | EFM32LG980F64-QFP100 Datasheet                       |
| EFM32LG980F64-QFP100 Stock                       | Buy EFM32LG980F64-QFP100                | Buy Energy Micro (Silicon Labs) EFM32LG980F64-QFP100 |
| Energy Micro (Silicon Labs) EFM32LG980F64-QFP100 | Energy Micro (Silicon Labs) Supplier    | Energy Micro (Silicon Labs) Distributor              |
| Energy Micro (Silicon Labs) EFM32LG980F64-QFP100 | Energy Micro EFM32LG980F64-QFP100       | Energy Micro (Silicon Labs) EFM32LG980F64-QFP100     |
| Silicon Laboratories EFM32LG980F64-QFP100        | Silicon Labs EFM32LG980F64-QFP100       |                                                      |

Related Products

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>EFM32LG990F128-BGA112T</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 112BGA<br/>In stock: 4671 pcs</div><div>RFQ</div></div>      | <div><div>EFM32LG980F256-QFP100</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5098 pcs</div><div>RFQ</div></div>     |
| <div><div>EFM32LG990F128G-E-BGA112</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 112BGA<br/>In stock: 25642 pcs</div><div>RFQ</div></div>   | <div><div>EFM32LG980F256-QFP100T</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5417 pcs</div><div>RFQ</div></div>    |
| <div><div>EFM32LG990F128-BGA112</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 112BGA<br/>In stock: 4697 pcs</div><div>RFQ</div></div>       | <div><div>EFM32LG980F64G-E-QFP100</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 23585 pcs</div><div>RFQ</div></div>   |
| <div><div>EFM32LG980F256G-E-QFP100R</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 20591 pcs</div><div>RFQ</div></div> | <div><div>EFM32LG980F64G-E-QFP100R</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 34016 pcs</div><div>RFQ</div></div>  |
| <div><div>EFM32LG980F128G-E-QFP100R</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 26353 pcs</div><div>RFQ</div></div> | <div><div>EFM32LG980F256G-E-QFP100</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 19804 pcs</div><div>RFQ</div></div> |
| <div><div>EFM32LG980F128G-E-QFP100</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 19852 pcs</div><div>RFQ</div></div>  | <div><div>EFM32LG980F64-QFP100T</div><div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 100LQFP<br/>In stock: 3601 pcs</div><div>RFQ</div></div>      |