



SILICON LABS

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFM32LG232F256G-E-QFP64

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32LG232F256G-E-QFP64                                                                                         |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                     |
| Product description | IC MCU 32BIT 256KB FLASH 64TQFP                                                                                 |
|                     |  1.EFM32LG232F256G-E-QFP64.pdf |
|                     |  2.EFM32LG232F256G-E-QFP64.pdf |
| Datasheets:         |                                                                                                                 |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 24098 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

Specifications of EFM32LG232F256G-E-QFP64

|                                  |                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32LG232F256G-E-QFP64                                                                                                                                                                                                                |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 64TQFP                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 24098 pcs                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.EFM32LG232F256G-E-QFP64.pdf<br> 2.EFM32LG232F256G-E-QFP64.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.85 V ~ 3.8 V                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                                                                                                                                                                        |
| SPEED                            | 48MHz                                                                                                                                                                                                                                  |
| SERIES                           | Leopard Gecko                                                                                                                                                                                                                          |
| RAM SIZE                         | 32K x 8                                                                                                                                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                                                                                                             |
| PACKAGING                        | Tray                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 53                                                                                                                                                                                                                                     |
| 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 256KB (256K x 8) FLASH 64-TQFP (10x10)                                                                                                                                   |
| DATA CONVERTERS                  | A/D 8x12b, D/A 2x12b                                                                                                                                                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                 |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                                                                                                                        |
| CONNECTIVITY                     | I²C, IrDA, SmartCard, SPI, UART/USART                                                                                                                                                                                                  |

Related Tags

|                                                     |                                            |                                                         |
|-----------------------------------------------------|--------------------------------------------|---------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32LG232F256G-E-QFP64 | EFM32LG232F256G-E-QFP64 Distributor        | EFM32LG232F256G-E-QFP64 Supplier                        |
| EFM32LG232F256G-E-QFP64 Price                       | EFM32LG232F256G-E-QFP64 Pictures           | EFM32LG232F256G-E-QFP64 Image                           |
| EFM32LG232F256G-E-QFP64 PDF Datasheet               | EFM32LG232F256G-E-QFP64 Download Datasheet | EFM32LG232F256G-E-QFP64 Datasheet                       |
| EFM32LG232F256G-E-QFP64 Stock                       | Buy EFM32LG232F256G-E-QFP64                | Buy Energy Micro (Silicon Labs) EFM32LG232F256G-E-QFP64 |
| Energy Micro (Silicon Labs) EFM32LG232F256G-E-QFP64 | Energy Micro (Silicon Labs) Supplier       | Energy Micro (Silicon Labs) Distributor                 |
| Energy Micro (Silicon Labs) EFM32LG232F256G-E-QFP64 | Energy Micro EFM32LG232F256G-E-QFP64       | Energy Micro (Silicon Labs) EFM32LG232F256G-E-QFP64     |
| Silicon Laboratories EFM32LG232F256G-E-QFP64        | Silicon Labs EFM32LG232F256G-E-QFP64       |                                                         |

Related Products

|                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>SILICON LABS</div></div> <div>EFM32LG232F64G-E-QFP64R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 40360 pcs</div> <div>RFQ</div> | <div><div>SILICON LABS</div></div> <div>EFM32LG232F128G-E-QFP64</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 24065 pcs</div> <div>RFQ</div>  |
| <div><div>SILICON LABS</div></div> <div>EFM32LG232F256-QFP64</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 2982 pcs</div> <div>RFQ</div>    | <div><div>SILICON LABS</div></div> <div>EFM32LG280F128-QFP100</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 6025 pcs</div> <div>RFQ</div>    |
| <div><div>SILICON LABS</div></div> <div>EFM32LG232F128-QFP64</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 5655 pcs</div> <div>RFQ</div>    | <div><div>SILICON LABS</div></div> <div>EFM32LG232F256G-E-QFP64R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 24351 pcs</div> <div>RFQ</div> |
| <div><div>SILICON LABS</div></div> <div>EFM32LG232F128-QFP64T</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 2855 pcs</div> <div>RFQ</div>   | <div><div>SILICON LABS</div></div> <div>EFM32LG232F128G-E-QFP64R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 35544 pcs</div> <div>RFQ</div> |
| <div><div>SILICON LABS</div></div> <div>EFM32LG232F256-QFP64T</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 64TQFP<br/>In stock: 4013 pcs</div> <div>RFQ</div>   | <div><div>SILICON LABS</div></div> <div>EFM32LG232F64-QFP64</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 6724 pcs</div> <div>RFQ</div>        |
| <div><div>SILICON LABS</div></div> <div>EFM32LG232F64-QFP64T</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 6285 pcs</div> <div>RFQ</div>     | <div><div>SILICON LABS</div></div> <div>EFM32LG232F64G-E-QFP64</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 32002 pcs</div> <div>RFQ</div>    |