



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFM32G232F64-QFP64

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32G232F64-QFP64                                                                                           |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 32BIT 64KB FLASH 64TQFP                                                                               |
|                     |  1.EFM32G232F64-QFP64.pdf   |
|                     |  2.EFM32G232F64-QFP64.pdf   |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Stock Condition     | 49740 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

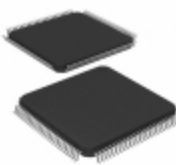
Specifications of EFM32G232F64-QFP64

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32G232F64-QFP64                                                                                                                                                                                                           |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 64TQFP                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 49740 pcs                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.EFM32G232F64-QFP64.pdf<br> 2.EFM32G232F64-QFP64.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.98 V ~ 3.8 V                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 64-QFN (9x9)                                                                                                                                                                                                                 |
| SPEED                            | 32MHz                                                                                                                                                                                                                        |
| SERIES                           | Gecko                                                                                                                                                                                                                        |
| RAM SIZE                         | 16K 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                   | 64-TQFP                                                                                                                                                                                                                      |
| OTHER NAMES                      | 336-5483-2<br>EFM32G232F64<br>EFM32G232F64-ND<br>EFM32G232F64-QFP64-ND                                                                                                                                                       |
| 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 Gecko Microcontroller IC 32-Bit 32MHz 64KB (64K x 8) FLASH 64-QFN (9x9)                                                                                                                                      |
| DATA CONVERTERS                  | A/D 8x12b, D/A 1x12b                                                                                                                                                                                                         |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                       |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                                                                                                              |
| CONNECTIVITY                     | I²C, IrDA, SmartCard, SPI, UART/USART                                                                                                                                                                                        |

Related Tags

|                                                |                                       |                                                    |
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| EFM32G232F64-QFP64 PDF Datasheet               | EFM32G232F64-QFP64 Download Datasheet | EFM32G232F64-QFP64 Datasheet                       |
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| Silicon Laboratories EFM32G232F64-QFP64        | Silicon Labs EFM32G232F64-QFP64       |                                                    |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                 |
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|  <div>EFM32G232F32G-E-QFP64</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 32K FLASH, 8K RAM, AES<br/>In stock: 50750 pcs</div> <div>RFQ</div>           |  <div>EFM32G232F128G-E-QFP64R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 128K FLASH, 16K RAM, AES<br/>In stock: 39501 pcs</div> <div>RFQ</div>   |
|  <div>EFM32G280F128-QFP100T</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 30670 pcs</div> <div>RFQ</div> |  <div>EFM32G232F32-QFP64T</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 64TQFP<br/>In stock: 52740 pcs</div> <div>RFQ</div> |
|  <div>EFM32G232F32G-E-QFP64R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 32K FLASH, 8K RAM, AES<br/>In stock: 57687 pcs</div> <div>RFQ</div>          |  <div>EFM32G232F128G-E-QFP64</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 128K FLASH, 16K RAM, AES<br/>In stock: 35566 pcs</div> <div>RFQ</div>    |
|  <div>EFM32G280F128-QFP100</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 33417 pcs</div> <div>RFQ</div>  |  <div>EFM32G232F32-QFP64</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 64TQFP<br/>In stock: 43098 pcs</div> <div>RFQ</div>  |
|  <div>EFM32G280F128G-E-QFP100</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 128K FLASH, 16K RAM, AES<br/>In stock: 34929 pcs</div> <div>RFQ</div>       |  <div>EFM32G232F64G-E-QFP64</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 64K FLASH, 16K RAM, AES<br/>In stock: 44687 pcs</div> <div>RFQ</div>      |
|  <div>EFM32G232F64-QFP64T</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64TQFP<br/>In stock: 43546 pcs</div> <div>RFQ</div>     |  <div>EFM32G232F64G-E-QFP64R</div> <div>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 64K FLASH, 16K RAM, AES<br/>In stock: 46265 pcs</div> <div>RFQ</div>     |