



Energy Micro (Silicon Labs)

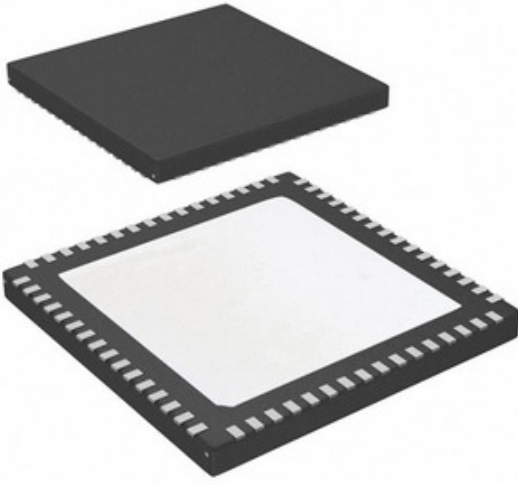


Image may be representation. See specifications for product details.

EFM32G230F64-QFN64

Part Number:

Manufacturer/Brand:

Product description:

Datasheets:

RoHs Status:

Ship From:

Shipment Way:

EFM32G230F64-QFN64

Energy Micro (Silicon Labs)

IC MCU 32BIT 64KB FLASH 64QFN

 1.EFM32G230F64-QFN64.pdf

 2.EFM32G230F64-QFN64.pdf

 3.EFM32G230F64-QFN64.pdf

 Lead free / RoHS Compliant

Hong Kong

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

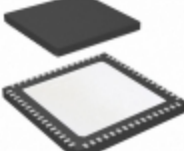
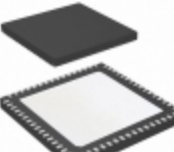
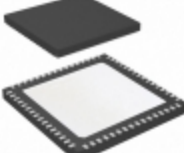
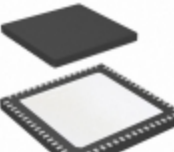
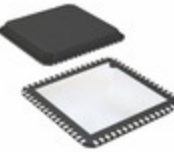
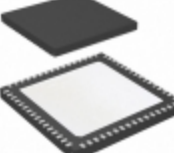
Specifications of EFM32G230F64-QFN64

|                                  |                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32G230F64-QFN64                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                                                                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 64QFN                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       |  1.EFM32G230F64-QFN64.pdf<br> 2.EFM32G230F64-QFN64.pdf<br> 3.EFM32G230F64-QFN64.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-VFQFN Exposed Pad                                                                                                                                                                                                                                                                                                                         |
| OTHER NAMES                      | 336-5481-2<br>EFM32G230F64<br>EFM32G230F64-ND<br>EFM32G230F64-QFN64-ND                                                                                                                                                                                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 56                                                                                                                                                                                                                                                                                                                                           |
| 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 2x12b                                                                                                                                                                                                                                                                                                                         |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                                                                                                                                       |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                                                                                                                                                                                                                              |
| CONNECTIVITY                     | I²C, IrDA, SmartCard, SPI, UART/USART                                                                                                                                                                                                                                                                                                        |

Related Tags

|                                                |                                       |                                                    |
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| EFM32G230F64-QFN64 Price                       | EFM32G230F64-QFN64 Pictures           | EFM32G230F64-QFN64 Image                           |
| EFM32G230F64-QFN64 PDF Datasheet               | EFM32G230F64-QFN64 Download Datasheet | EFM32G230F64-QFN64 Datasheet                       |
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| Silicon Laboratories EFM32G230F64-QFN64        | Silicon Labs EFM32G230F64-QFN64       |                                                    |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>EFM32G232F128-QFP64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>EFM32G230F128G-E-QFN64R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 128K FLASH, 16K RAM, AES<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>EFM32G230F64-QFN64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock<br/>RFQ</div>    | <div></div> <div><b>EFM32G230F32G-E-QFN64R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 32K FLASH, 8K RAM, AES<br/>In stock: Out stock<br/>RFQ</div>    |
| <div></div> <div><b>EFM32G232F128-QFP64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>EFM32G230F128G-E-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 128K FLASH, 16K RAM, AES<br/>In stock: Out stock<br/>RFQ</div>  |
| <div></div> <div><b>EFM32G230F64G-E-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 64K FLASH, 16K RAM, AES<br/>In stock: Out stock<br/>RFQ</div>        | <div></div> <div><b>EFM32G232F128G-E-QFP64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 128K FLASH, 16K RAM, AES<br/>In stock: 20 pcs<br/>RFQ</div>     |
| <div></div> <div><b>EFM32G230F32-QFN64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 64QFN<br/>In stock: Out stock<br/>RFQ</div>    | <div></div> <div><b>EFM32G230F32-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 64QFN<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>EFM32G230F64G-E-QFN64R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 64K FLASH, 16K RAM, AES<br/>In stock: Out stock<br/>RFQ</div>       | <div></div> <div><b>EFM32G230F32G-E-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: 32K FLASH, 8K RAM, AES<br/>In stock: Out stock<br/>RFQ</div>     |