



Energy Micro (Silicon Labs)



|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32HG310F64G-A-QFN32                                                                                         |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                    |
| Product description | IC MCU 32BIT 64KB FLASH 32QFN                                                                                  |
|                     |  1.EFM32HG310F64G-A-QFN32.pdf |
|                     |  2.EFM32HG310F64G-A-QFN32.pdf |
| Datasheets:         |                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 43871 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

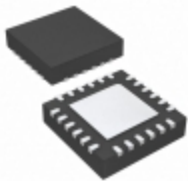
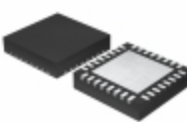
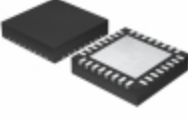
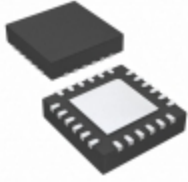
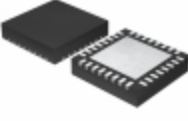
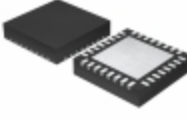
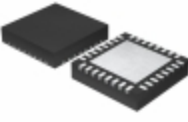
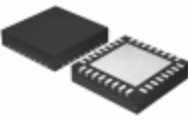
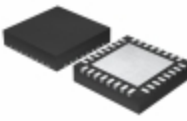
Specifications of EFM32HG310F64G-A-QFN32

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32HG310F64G-A-QFN32                                                                                                                                                                                                               |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 32QFN                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 43871 pcs                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.EFM32HG310F64G-A-QFN32.pdf<br> 2.EFM32HG310F64G-A-QFN32.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.98 V ~ 3.8 V                                                                                                                                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (6x6)                                                                                                                                                                                                                         |
| SPEED                            | 25MHz                                                                                                                                                                                                                                |
| SERIES                           | Happy Gecko                                                                                                                                                                                                                          |
| RAM SIZE                         | 8K x 8                                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT                                                                                                                                                                         |
| PACKAGING                        | Tray                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 32-VQFN Exposed Pad                                                                                                                                                                                                                  |
| OTHER NAMES                      | 336-3209                                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 22                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 6 (Time on Label)                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ Happy Gecko Microcontroller IC 32-Bit 25MHz 64KB (64K x 8) FLASH 32-QFN (6x6)                                                                                                                                       |
| DATA CONVERTERS                  | A/D 4x12b                                                                                                                                                                                                                            |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                                                                                                                                     |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, SmartCard, SPI, UART/USART, USB                                                                                                                                                                              |

Related Tags

|                                                    |                                           |                                                        |
|----------------------------------------------------|-------------------------------------------|--------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32HG310F64G-A-QFN32 | EFM32HG310F64G-A-QFN32 Distributor        | EFM32HG310F64G-A-QFN32 Supplier                        |
| EFM32HG310F64G-A-QFN32 Price                       | EFM32HG310F64G-A-QFN32 Pictures           | EFM32HG310F64G-A-QFN32 Image                           |
| EFM32HG310F64G-A-QFN32 PDF Datasheet               | EFM32HG310F64G-A-QFN32 Download Datasheet | EFM32HG310F64G-A-QFN32 Datasheet                       |
| EFM32HG310F64G-A-QFN32 Stock                       | Buy EFM32HG310F64G-A-QFN32                | Buy Energy Micro (Silicon Labs) EFM32HG310F64G-A-QFN32 |
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| Silicon Laboratories EFM32HG310F64G-A-QFN32        | Silicon Labs EFM32HG310F64G-A-QFN32       |                                                        |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                |
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| <div></div> <div><b>EFM32HG309F64G-B-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 24QFN<br/>In stock: 52413 pcs</div> <div>RFQ</div>  | <div></div> <div><b>EFM32HG310F64G-B-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 32QFN<br/>In stock: 56348 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>EFM32HG310F64G-A-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 32QFN<br/>In stock: 59301 pcs</div> <div>RFQ</div> | <div></div> <div><b>EFM32HG321F32G-A-QFP48</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 52050 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>EFM32HG309F64G-B-QFN24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 24QFN<br/>In stock: 56087 pcs</div> <div>RFQ</div> | <div></div> <div><b>EFM32HG321F32G-A-QFP48R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 50331 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>EFM32HG310F32G-B-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 37689 pcs</div> <div>RFQ</div>  | <div></div> <div><b>EFM32HG310F64G-B-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 32QFN<br/>In stock: 40348 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>EFM32HG310F32G-A-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 46753 pcs</div> <div>RFQ</div>  | <div></div> <div><b>EFM32HG321F32G-B-QFP48</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 45495 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>EFM32HG310F32G-A-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 51892 pcs</div> <div>RFQ</div> | <div></div> <div><b>EFM32HG310F32G-B-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 51863 pcs</div> <div>RFQ</div>  |