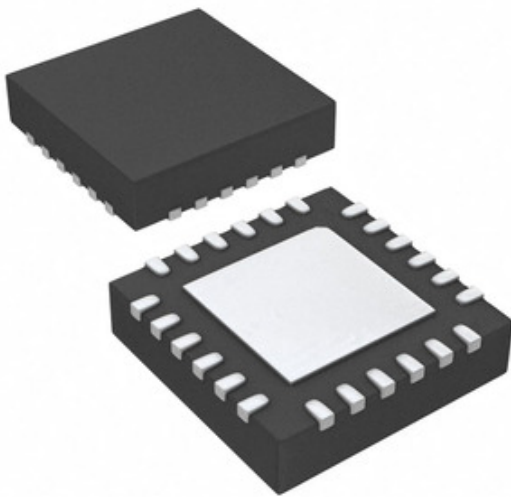




Energy Micro (Silicon Labs)



EFM32HG108F32G-A-QFN24

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32HG108F32G-A-QFN24                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC MCU 32BIT 32KB FLASH 24QFN                                                                                |
| Datasheets:         |  EFM32HG108F32G-A-QFN24.pdf |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

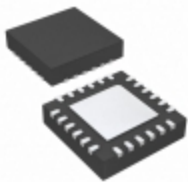
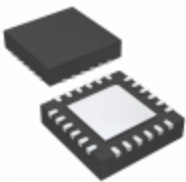
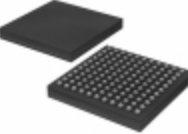
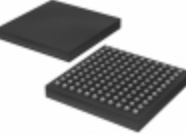
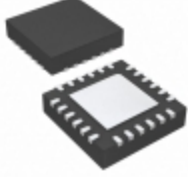
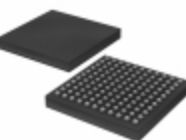
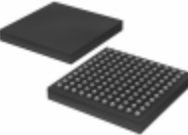
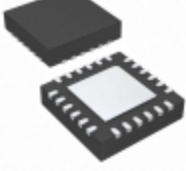
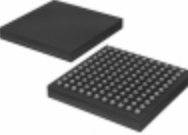
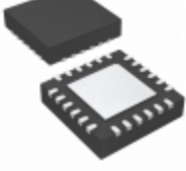
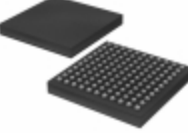
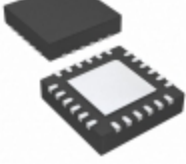
Specifications of EFM32HG108F32G-A-QFN24

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32HG108F32G-A-QFN24                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 24QFN                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| DATA SHEET                       |  EFM32HG108F32G-A-QFN24.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.98 V ~ 3.8 V                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 24-QFN (5x5)                                                                                                   |
| SPEED                            | 25MHz                                                                                                          |
| SERIES                           | Happy Gecko                                                                                                    |
| RAM SIZE                         | 4K x 8                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                          |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                |
| PACKAGING                        | Tray                                                                                                           |
| PACKAGE / CASE                   | 24-VQFN Exposed Pad                                                                                            |
| OTHER NAMES                      | 336-3196                                                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                              |
| NUMBER OF I/O                    | 17                                                                                                             |
| 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 32KB (32K x 8) FLASH 24-QFN (5x5)                 |
| DATA CONVERTERS                  | A/D 4x12b                                                                                                      |
| CORE SIZE                        | 32-Bit                                                                                                         |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                               |
| CONNECTIVITY                     | I²C, IrDA, SmartCard, SPI, UART/USART                                                                          |

Related Tags

|                                                    |                                           |                                                        |
|----------------------------------------------------|-------------------------------------------|--------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32HG108F32G-A-QFN24 | EFM32HG108F32G-A-QFN24 Distributor        | EFM32HG108F32G-A-QFN24 Supplier                        |
| EFM32HG108F32G-A-QFN24 Price                       | EFM32HG108F32G-A-QFN24 Pictures           | EFM32HG108F32G-A-QFN24 Image                           |
| EFM32HG108F32G-A-QFN24 PDF Datasheet               | EFM32HG108F32G-A-QFN24 Download Datasheet | EFM32HG108F32G-A-QFN24 Datasheet                       |
| EFM32HG108F32G-A-QFN24 Stock                       | Buy EFM32HG108F32G-A-QFN24                | Buy Energy Micro (Silicon Labs) EFM32HG108F32G-A-QFN24 |
| Energy Micro (Silicon Labs) EFM32HG108F32G-A-QFN24 | Energy Micro (Silicon Labs) Supplier      | Energy Micro (Silicon Labs) Distributor                |
| Energy Micro (Silicon Labs) EFM32HG108F32G-A-QFN24 | Energy Micro EFM32HG108F32G-A-QFN24       | Energy Micro (Silicon Labs) EFM32HG108F32G-A-QFN24     |
| Silicon Laboratories EFM32HG108F32G-A-QFN24        | Silicon Labs EFM32HG108F32G-A-QFN24       |                                                        |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EFM32HG108F32G-B-QFN24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>EFM32HG108F64G-B-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 24QFN<br/>In stock: 465 pcs<br/>RFQ</div>        |
|  <div><b>EFM32GG995F1024G-E-BGA120R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 1MB FLASH 120BGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>EFM32GG995F1024G-E-BGA120</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 1MB FLASH 120BGA<br/>In stock: 248 pcs<br/>RFQ</div>     |
|  <div><b>EFM32HG108F32G-B-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 525 pcs<br/>RFQ</div>       |  <div><b>EFM32GG995F512G-E-BGA120R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 512KB FLASH 120BGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>EFM32GG995F512-BGA120T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 512KB FLASH 120BGA<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>EFM32HG108F32G-A-QFN24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: Out stock<br/>RFQ</div>     |
|  <div><b>EFM32GG995F512-BGA120</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 512KB FLASH 120BGA<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>EFM32HG108F64G-A-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 24QFN<br/>In stock: Out stock<br/>RFQ</div>      |
|  <div><b>EFM32GG995F512G-E-BGA120</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 512KB FLASH 120BGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>EFM32HG108F64G-A-QFN24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 24QFN<br/>In stock: Out stock<br/>RFQ</div>     |