



### EFM32HG108F64G-A-QFN24R

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32HG108F64G-A-QFN24R                                                                                         |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                     |
| Product description | IC MCU 32BIT 64KB FLASH 24QFN                                                                                   |
|                     |  1.EFM32HG108F64G-A-QFN24R.pdf |
|                     |  2.EFM32HG108F64G-A-QFN24R.pdf |
| Datasheets:         |                                                                                                                 |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 89446 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

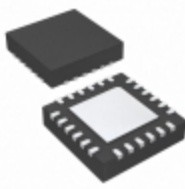
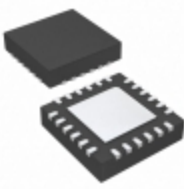
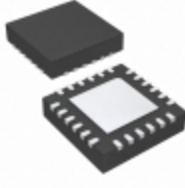
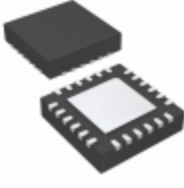
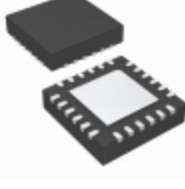
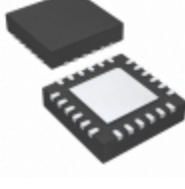
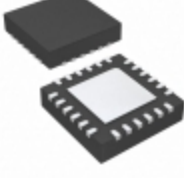
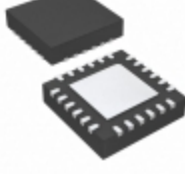
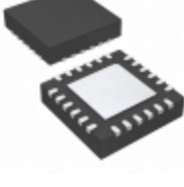
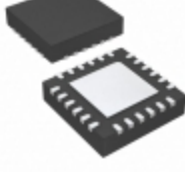
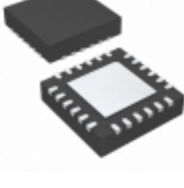
#### Specifications of EFM32HG108F64G-A-QFN24R

|                                  |                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32HG108F64G-A-QFN24R                                                                                                                                                                                                                |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 32BIT 64KB FLASH 24QFN                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 89446 pcs                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.EFM32HG108F64G-A-QFN24R.pdf<br> 2.EFM32HG108F64G-A-QFN24R.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.98 V ~ 3.8 V                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 24-QFN (5x5)                                                                                                                                                                                                                           |
| 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, I²S, POR, PWM, WDT                                                                                                                                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 24-VQFN Exposed Pad                                                                                                                                                                                                                    |
| 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 64KB (64K 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) EFM32HG108F64G-A-QFN24R | EFM32HG108F64G-A-QFN24R Distributor        | EFM32HG108F64G-A-QFN24R Supplier                        |
| EFM32HG108F64G-A-QFN24R Price                       | EFM32HG108F64G-A-QFN24R Pictures           | EFM32HG108F64G-A-QFN24R Image                           |
| EFM32HG108F64G-A-QFN24R PDF Datasheet               | EFM32HG108F64G-A-QFN24R Download Datasheet | EFM32HG108F64G-A-QFN24R Datasheet                       |
| EFM32HG108F64G-A-QFN24R Stock                       | Buy EFM32HG108F64G-A-QFN24R                | Buy Energy Micro (Silicon Labs) EFM32HG108F64G-A-QFN24R |
| Energy Micro (Silicon Labs) EFM32HG108F64G-A-QFN24R | Energy Micro (Silicon Labs) Supplier       | Energy Micro (Silicon Labs) Distributor                 |
| Energy Micro (Silicon Labs) EFM32HG108F64G-A-QFN24R | Energy Micro EFM32HG108F64G-A-QFN24R       | Energy Micro (Silicon Labs) EFM32HG108F64G-A-QFN24R     |
| Silicon Laboratories EFM32HG108F64G-A-QFN24R        | Silicon Labs EFM32HG108F64G-A-QFN24R       |                                                         |

#### Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                 |
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|  <div><b>EFM32HG108F64G-B-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 24QFN<br/>In stock: 54123 pcs<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: 92387 pcs<br/>RFQ</div>     |
|  <div><b>EFM32HG108F32G-B-QFN24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 80392 pcs<br/>RFQ</div> |  <div><b>EFM32HG108F32G-A-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 69388 pcs<br/>RFQ</div>      |
|  <div><b>EFM32HG110F32G-B-QFN24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 84212 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: 17093 pcs<br/>RFQ</div> |
|  <div><b>EFM32HG110F32G-B-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 54619 pcs<br/>RFQ</div>  |  <div><b>EFM32HG108F64G-B-QFN24R</b><br/>Manufacturers: Silicon Labs<br/>Description: IC MCU 32BIT 64KB FLASH 24QFN<br/>In stock: 72227 pcs<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: 61153 pcs<br/>RFQ</div>  |  <div><b>EFM32HG110F32G-A-QFN24R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 74630 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: 60551 pcs<br/>RFQ</div>  |  <div><b>EFM32HG110F32G-A-QFN24</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 24QFN<br/>In stock: 73594 pcs<br/>RFQ</div>      |