

EFM32HG222F64G-A-QFP48R



**SILICON LABS**

**Part Number:** [EFM32HG222F64G-A-QFP48R](#)

**Manufacturer:** [Energy Micro \(Silicon Labs\)](#)

**Description:** IC MCU 32BIT 64KB FLASH 48TQFP

**Data sheet:**  [EFM32HG222](#)  
 [EFM32 Product Introduction](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

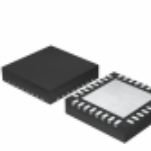
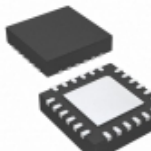
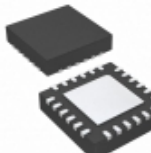
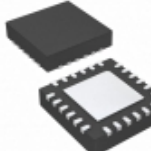
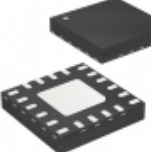
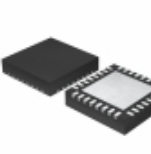
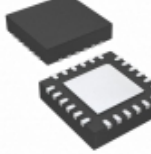
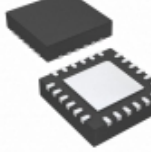
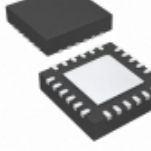
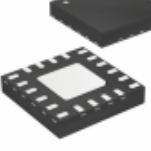
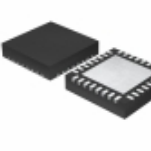
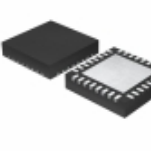
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
**Buy EFM32HG222F64G-A-QFP48R with confidence**  
from Component-World.HK, 1 Year Warranty

[Request For Quotation](#)

| PRODUCT PARAMETER                |                                                              |                                |                                                                                                 |
|----------------------------------|--------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------|
| Part Number                      | EFM32HG222F64G-A-QFP48R                                      | Manufacturer                   | <a href="#">Energy Micro (Silicon Labs)</a>                                                     |
| Description                      | IC MCU 32BIT 64KB FLASH 48TQFP                               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                      |
| Quantity Available               | 53903 pcs                                                    | Data sheet                     | <a href="#">EFM32HG222</a><br><a href="#">EFM32 Product Introduction</a>                        |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>                    | Voltage - Supply (Vcc/Vdd)     | 1.98 V ~ 3.8 V                                                                                  |
| Supplier Device Package          | 48-TQFP (7x7)                                                | 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                      | Tape & Reel (TR)                                                                                |
| Package / Case                   | 48-TQFP                                                      | Oscillator Type                | Internal                                                                                        |
| Operating Temperature            | -40°C ~ 85°C (TA)                                            | Number of I/O                  | 37                                                                                              |
| 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 48-TQFP (7x7) |
| 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                                              |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 53903 pieces of Energy Micro (Silicon Labs) EFM32HG222F64G-A-QFP48R in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.  
RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                               |                                                            |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">EFM32HG222F64G-B-QFP48R</a><br>Description: IC MCU 32BIT 64KB FLASH 48TQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG222F32G-B-QFP48R</a><br>Description: IC MCU 32BIT 32KB FLASH 48TQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG210F64G-A-QFN32</a><br>Description: IC MCU 32BIT 64KB FLASH 32QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG308F32G-A-QFN24R</a><br>Description: IC MCU 32BIT 32KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG308F64G-A-QFN24</a><br>Description: IC MCU 32BIT 64KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG222F64G-B-QFP48</a><br>Description: IC MCU 32BIT 64KB FLASH 48TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG308F64G-B-QFN24R</a><br>Description: IC MCU 32BIT 64KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG308F32G-B-QFN24R</a><br>Description: IC MCU 32BIT 32KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG210F64G-A-QFN32R</a><br>Description: IC MCU 32BIT 64KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG222F32G-A-QFP48R</a><br>Description: IC MCU 32BIT 32KB FLASH 48TQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG222F32G-B-QFP48</a><br>Description: IC MCU 32BIT 32KB FLASH 48TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG308F64G-A-QFN24R</a><br>Description: IC MCU 32BIT 64KB FLASH 24QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG308F32G-A-QFN24</a><br>Description: IC MCU 32BIT 32KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG222F64G-A-QFP48</a><br>Description: IC MCU 32BIT 64KB FLASH 48TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG222F32G-A-QFP48</a><br>Description: IC MCU 32BIT 32KB FLASH 48TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG308F64G-B-QFN24</a><br>Description: IC MCU 32BIT 64KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG308F32G-B-QFN24</a><br>Description: IC MCU 32BIT 32KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG210F64G-B-QFN32</a><br>Description: IC MCU 32BIT 64KB FLASH 32QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG210F32G-B-QFN32R</a><br>Description: IC MCU 32BIT 32KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG210F64G-B-QFN32R</a><br>Description: IC MCU 32BIT 64KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |

|                                                     |                                                     |                                      |                                                     |
|-----------------------------------------------------|-----------------------------------------------------|--------------------------------------|-----------------------------------------------------|
| Related keywords for <b>EFM32HG222F64G-A-QFP48R</b> |                                                     |                                      |                                                     |
| Energy Micro (Silicon Labs) EFM32HG222F64G-A-QFP48R | EFM32HG222F64G-A-QFP48R distributor                 | EFM32HG222F64G-A-QFP48R supplier     | EFM32HG222F64G-A-QFP48R price                       |
|                                                     | EFM32HG222F64G-A-QFP48R download datasheet          | EFM32HG222F64G-A-QFP48R datasheet    | EFM32HG222F64G-A-QFP48R stock                       |
| buy EFM32HG222F64G-A-QFP48R                         | Energy Micro (Silicon Labs) EFM32HG222F64G-A-QFP48R | Energy Micro EFM32HG222F64G-A-QFP48R | Energy Micro (Silicon Labs) EFM32HG222F64G-A-QFP48R |
|                                                     | Silicon Laboratories EFM32HG222F64G-A-QFP48R        | Silicon Labs EFM32HG222F64G-A-QFP48R |                                                     |