

EFM32HG322F32G-A-QFP48



**SILICON LABS**

Part Number: [EFM32HG322F32G-A-QFP48](#)

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

Description: IC MCU 32BIT 32KB FLASH 48TQFP

Data sheet:  [EFM32HG322 Preliminary~](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

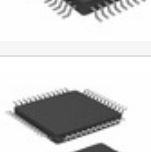
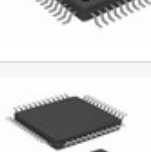
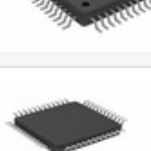
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Request For Quotation

| PRODUCT PARAMETER              |                                                                                                 |                                                           |
|--------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Part Number                    | EFM32HG322F32G-A-QFP48                                                                          | Manufacturer <a href="#">Energy Micro (Silicon Labs)</a>  |
| Description                    | IC MCU 32BIT 32KB FLASH 48TQFP                                                                  | Lead Free Status / RoHS Status Lead free / RoHS Compliant |
| Quantity Available             | 41064 pcs                                                                                       | Data sheet <a href="#">EFM32HG322 Preliminary~</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 32KB (32K x 8)                        |
| Peripherals                    | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT                                    | Packaging Tray                                            |
| Package / Case                 | 48-TQFP                                                                                         | Other Names 336-3212                                      |
| Oscillator Type                | Internal                                                                                        | Operating Temperature -40°C ~ 85°C (TA)                   |
| Number of I/O                  | 35                                                                                              | 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 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, USB                                         |                                                           |

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|  | Part#: <a href="#">EFM32HG322F32G-B-QFP48R</a><br>Description: IC MCU 32BIT 32KB FLASH 48TQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a><br>RFQ |
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|  | Part#: <a href="#">EFM32HG322F64G-B-QFP48R</a><br>Description: IC MCU 32BIT 64KB FLASH 48TQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a><br>RFQ |
|  | Part#: <a href="#">EFM32HG321F32G-A-QFP48</a><br>Description: IC MCU 32BIT 32KB FLASH 48TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a><br>RFQ |
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|  | Part#: <a href="#">EFM32HG321F64G-A-QFP48</a><br>Description: IC MCU 32BIT 64KB FLASH 48TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a><br>RFQ |
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|  | Part#: <a href="#">EFM32HG322F32G-B-QFP48</a><br>Description: IC MCU 32BIT 32KB FLASH 48TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a><br>RFQ |
|  | Part#: <a href="#">EFM32HG321F32G-B-QFP48</a><br>Description: IC MCU 32BIT 32KB FLASH 48TQFP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a><br>RFQ |
|  | Part#: <a href="#">EFM32HG310F64G-B-QFN32R</a><br>Description: IC MCU 32BIT 64KB FLASH 32QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a><br>RFQ |
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|  | Part#: <a href="#">EFM32HG350F32G-A-CSP36R</a><br>Description: IC MCU 32BIT 32KB FLASH 36CSP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a><br>RFQ |
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Related keywords for EFM32HG322F32G-A-QFP48

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