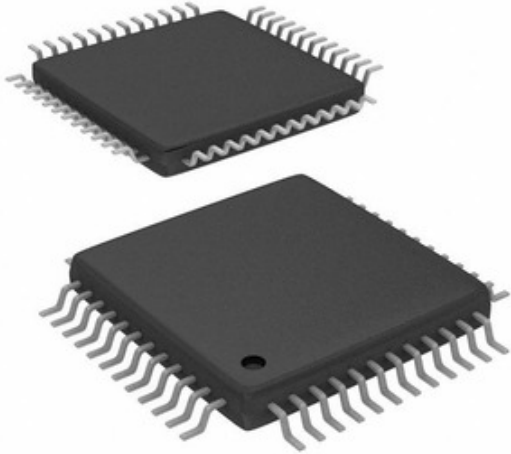




Energy Micro (Silicon Labs)



EFM32HG222F32G-A-QFP48R

|                     |                                                                                                                               |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32HG222F32G-A-QFP48R                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                   |
| Product description | IC MCU 32BIT 32KB FLASH 48TQFP                                                                                                |
| Datasheets:         |  <a href="#">EFM32HG222F32G-A-QFP48R.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                  |
| Stock Condition     | 51963 pcs stock                                                                                                               |
| Ship From           | Hong Kong                                                                                                                     |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                         |

REQUEST FOR QUOTATION

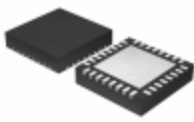
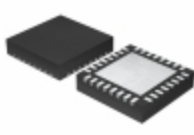
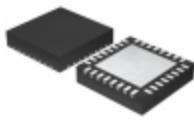
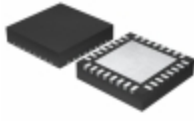
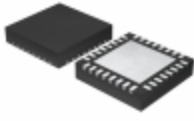
Specifications of EFM32HG222F32G-A-QFP48R

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32HG222F32G-A-QFP48R                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                     |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 48TQFP                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                      |
| QUANTITY AVAILABLE               | 51963 pcs                                                                                                                       |
| DATA SHEET                       |  <a href="#">EFM32HG222F32G-A-QFP48R.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.98 V ~ 3.8 V                                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 48-TQFP (7x7)                                                                                                                   |
| 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                        | 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 32KB (32K x 8) FLASH 48-TQFP (7x7)                                 |
| 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) EFM32HG222F32G-A-QFP48R | EFM32HG222F32G-A-QFP48R Distributor        | EFM32HG222F32G-A-QFP48R Supplier                        |
| EFM32HG222F32G-A-QFP48R Price                       | EFM32HG222F32G-A-QFP48R Pictures           | EFM32HG222F32G-A-QFP48R Image                           |
| EFM32HG222F32G-A-QFP48R PDF Datasheet               | EFM32HG222F32G-A-QFP48R Download Datasheet | EFM32HG222F32G-A-QFP48R Datasheet                       |
| EFM32HG222F32G-A-QFP48R Stock                       | Buy EFM32HG222F32G-A-QFP48R                | Buy Energy Micro (Silicon Labs) EFM32HG222F32G-A-QFP48R |
| Energy Micro (Silicon Labs) EFM32HG222F32G-A-QFP48R | Energy Micro (Silicon Labs) Supplier       | Energy Micro (Silicon Labs) Distributor                 |
| Energy Micro (Silicon Labs) EFM32HG222F32G-A-QFP48R | Energy Micro EFM32HG222F32G-A-QFP48R       | Energy Micro (Silicon Labs) EFM32HG222F32G-A-QFP48R     |
| Silicon Laboratories EFM32HG222F32G-A-QFP48R        | Silicon Labs EFM32HG222F32G-A-QFP48R       |                                                         |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EFM32HG222F64G-A-QFP48R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 48TQFP<br/>In stock: 55141 pcs<br/><b>RFQ</b></div> |  <div><b>EFM32HG210F64G-B-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 32QFN<br/>In stock: 54082 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EFM32HG222F32G-A-QFP48</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 56191 pcs<br/><b>RFQ</b></div>  |  <div><b>EFM32HG222F64G-B-QFP48R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 48TQFP<br/>In stock: 55050 pcs<br/><b>RFQ</b></div> |
|  <div><b>EFM32HG210F64G-A-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 32QFN<br/>In stock: 59967 pcs<br/><b>RFQ</b></div>  |  <div><b>EFM32HG222F64G-B-QFP48</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 48TQFP<br/>In stock: 46161 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EFM32HG210F32G-B-QFN32R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 32QFN<br/>In stock: 57846 pcs<br/><b>RFQ</b></div>  |  <div><b>EFM32HG222F64G-A-QFP48</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 48TQFP<br/>In stock: 47177 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EFM32HG210F64G-A-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 32QFN<br/>In stock: 49327 pcs<br/><b>RFQ</b></div>   |  <div><b>EFM32HG210F64G-B-QFN32</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 32QFN<br/>In stock: 40776 pcs<br/><b>RFQ</b></div>   |
|  <div><b>EFM32HG222F32G-B-QFP48R</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 50313 pcs<br/><b>RFQ</b></div> |  <div><b>EFM32HG222F32G-B-QFP48</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 48TQFP<br/>In stock: 37809 pcs<br/><b>RFQ</b></div>  |