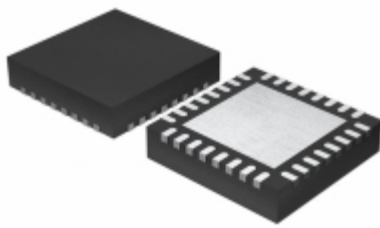


EFM32HG210F64G-B-QFN32





SILICON LABS

Part Number: [EFM32HG210F64G-B-QFN32](#)

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

Description: IC MCU 32BIT 64KB FLASH 32QFN

Data sheet:  [EFM32HG210 Preliminary](#)  
 [EFM32 Product Introduction](#)

RoHs Status: Lead free / RoHS Compliant

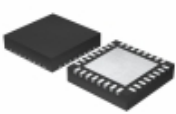
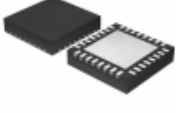
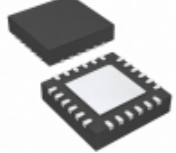
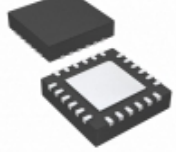
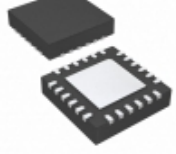
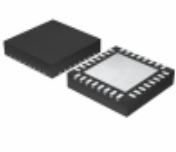
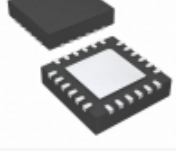
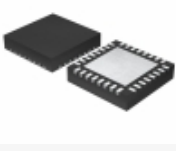
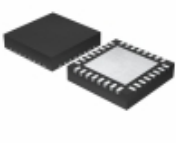
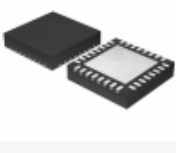
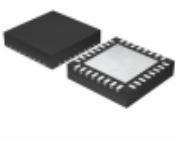
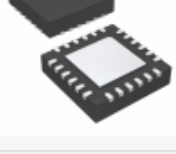
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                              |                                  |                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EFM32HG210F64G-B-QFN32                                       | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a>                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 32BIT 64KB FLASH 32QFN                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 61684 pcs                                                    | Data sheet                       | <a href="#">EFM32HG210 Preliminary</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 32-QFN (6x6)                                                 | 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                        | Tray                                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 32-VQFN Exposed Pad                                          | Other Names                      | 336-3893                                                                                       |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                                     | Operating Temperature            | -40°C ~ 85°C (TA)                                                                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 24                                                           | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                  |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 6 Weeks                                                      | 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 32-QFN (6x6) |
| 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 61684 pieces of Energy Micro (Silicon Labs) EFM32HG210F64G-B-QFN32 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                              |                                  |                                                                                                |

| RELATED PRODUCTS                                                                   |                                                                                               |                                                            |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------|
|  | 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="#">EFM32HG210F32G-A-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="#">EFM32HG110F64G-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="#">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="#">EFM32HG110F64G-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="#">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="#">EFM32HG110F64G-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="#">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="#">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-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="#">EFM32HG210F32G-B-QFN32</a><br>Description: IC MCU 32BIT 32KB FLASH 32QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">EFM32HG110F64G-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="#">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="#">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="#">EFM32HG210F32G-A-QFN32</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> |
|  | 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="#">EFM32HG222F64G-A-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="#">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="#">EFM32HG308F32G-A-QFN24</a><br>Description: IC MCU 32BIT 32KB FLASH 24QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <a href="#">RFQ</a> |

Related keywords for EFM32HG210F64G-B-QFN32

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