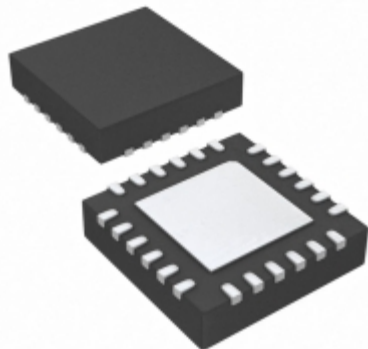


EFM32ZG108F32-QFN24





SILICON LABS

Part Number: [EFM32ZG108F32-QFN24](#)

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

Description: IC MCU 32BIT 32KB FLASH 24QFN

Data sheet:  [EFM32ZG Ref Manual](#)  
 [EFM32ZG Errata](#)  
 [EFM32ZG108 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

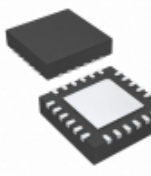
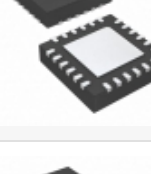
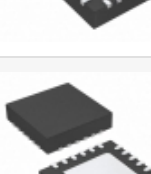
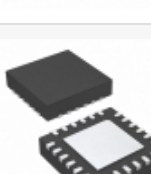
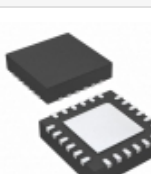
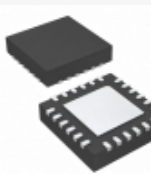
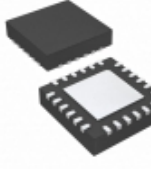
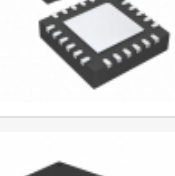
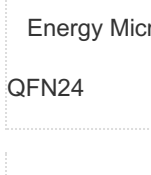
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | EFM32ZG108F32-QFN24                                          | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a>                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 32BIT 32KB FLASH 24QFN                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 66706 pcs                                                    | Data sheet                       | <a href="#">EFM32ZG Ref Manual</a><br><a href="#">EFM32ZG Errata</a><br><a href="#">EFM32ZG108 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                    | Voltage - Supply (Vcc/Vdd)       | 1.85 V ~ 3.8 V                                                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 24-QFN (5x5)                                                 | Speed                            | 24MHz                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Zero Gecko                                                   | RAM Size                         | 4K 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                        | Tape & Reel (TR)                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 24-VQFN Exposed Pad                                          | Other Names                      | 336-2579-2                                                                                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                                     | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 17                                                           | 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+ Zero Gecko Microcontroller IC 32-Bit 24MHz 32KB (32K x 8) FLASH 24-QFN (5x5)                |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                            | Core Size                        | 32-Bit                                                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ARM® Cortex®-M0+                                             | Connectivity                     | I <sup>2</sup> C, IrDA, SmartCard, SPI, UART/USART                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                               |                                                            |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">EFM32ZG108F8-QFN24T</a><br>Description: IC MCU 32BIT 8KB FLASH 24QFN       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG995F256-BGA120T</a><br>Description: IC MCU 32BIT 256KB FLASH 120BGA | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG995F256-BGA120</a><br>Description: IC MCU 32BIT 256KB FLASH 120BGA  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32ZG110F32-QFN24</a><br>Description: IC MCU 32BIT 32KB FLASH 24QFN      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32ZG110F32-QFN24T</a><br>Description: IC MCU 32BIT 32KB FLASH 24QFN     | Manufacturers: <a href="#">Silicon Labs</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG995F128-BGA120</a><br>Description: IC MCU 32BIT 128KB FLASH 120BGA  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG995F128-BGA120T</a><br>Description: IC MCU 32BIT 128KB FLASH 120BGA | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32ZG108F8-QFN24</a><br>Description: IC MCU 32BIT 8KB FLASH 24QFN        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32ZG108F4-QFN24</a><br>Description: IC MCU 32BIT 4KB FLASH 24QFN        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32ZG108F32-QFN24T</a><br>Description: IC MCU 32BIT 32KB FLASH 24QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32ZG110F16-QFN24</a><br>Description: IC MCU 32BIT 16KB FLASH 24QFN      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32ZG108F16-QFN24</a><br>Description: IC MCU 32BIT 16KB FLASH 24QFN      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32ZG110F16-QFN24T</a><br>Description: IC MCU 32BIT 16KB FLASH 24QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32ZG110F4-QFN24</a><br>Description: IC MCU 32BIT 4KB FLASH 24QFN        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32ZG108F16-QFN24T</a><br>Description: IC MCU 32BIT 16KB FLASH 24QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG995F64-BGA120</a><br>Description: IC MCU 32BIT 64KB FLASH 120BGA    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32ZG-STK3200</a><br>Description: KIT STARTER EFM32                      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG995F64-BGA120T</a><br>Description: IC MCU 32BIT 64KB FLASH 120BGA   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32ZG108F4-QFN24T</a><br>Description: IC MCU 32BIT 4KB FLASH 24QFN       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG990F64-BGA112T</a><br>Description: IC MCU 32BIT 64KB FLASH 112BGA   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |

Related keywords for EFM32ZG108F32-QFN24

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