

EFM32LG332F128G-E-QFP64R



SILICON LABS

Part Number: [EFM32LG332F128G-E-QFP64R](#)

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

Description: IC MCU 32BIT 128KB FLASH 64TQFP

Data sheet:

 [EFM32LG Ref Manual](#)

 [EFM32LG332 Errata, Chip rev. E](#)

 [EFM32\(LG\) Errata](#)

 [EFM32\(LG\) Family Datasheet](#)

 [EFM32LG232 Errata History](#)

RoHs Status: Lead free / RoHS Compliant

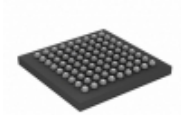
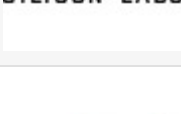
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                      |                                 |                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | EFM32LG332F128G-E-QFP64R                                                                             | Manufacturer                    | <a href="#">Energy Micro (Silicon Labs)</a>                                                                                                                                                                         |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 32BIT 128KB FLASH 64TQFP                                                                      | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                            | 33632 pcs                                                                                            | Data sheet                      | <a href="#">EFM32LG Ref Manual</a><br><a href="#">EFM32LG332 Errata, Chip rev. E</a><br><a href="#">EFM32(LG) Errata</a><br><a href="#">EFM32(LG) Family Datasheet</a><br><a href="#">EFM32LG232 Errata History</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                                            | Voltage - Supply (Vcc/Vdd)      | 1.85 V ~ 3.8 V                                                                                                                                                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                       | 64-TQFP (10x10)                                                                                      | Speed                           | 48MHz                                                                                                                                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                        | Leopard Gecko                                                                                        | RAM Size                        | 32K x 8                                                                                                                                                                                                             |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                                                                                | Program Memory Size             | 128KB (128K x 8)                                                                                                                                                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                           | Packaging                       | Tape & Reel (TR)                                                                                                                                                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                | 64-TQFP                                                                                              | Oscillator Type                 | Internal                                                                                                                                                                                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C (TA)                                                                                    | Number of I/O                   | 50                                                                                                                                                                                                                  |
| 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®-M3 Leopard Gecko Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 64-TQFP (10x10) | Data Converters                 | A/D 8x12b, D/A 2x12b                                                                                                                                                                                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                     | 32-Bit                                                                                               | Core Processor                  | ARM® Cortex®-M3                                                                                                                                                                                                     |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                  | I²C, IrDA, SmartCard, SPI, UART/USART, USB                                                           |                                 |                                                                                                                                                                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 33632 pieces of Energy Micro (Silicon Labs) EFM32LG332F128G-E-QFP64R 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: info@Components-World.com |                                                                                                      |                                 |                                                                                                                                                                                                                     |

| RELATED PRODUCTS                                                                   |                                                                                                 |                                                            |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">EFM32LG330F64G-E-QFN64</a><br>Description: IC MCU 32BIT 64KB FLASH 64QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG332F128-QFP64</a><br>Description: IC MCU 32BIT 128KB FLASH 64TQFP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG360F128G-E-CSP81</a><br>Description: IC MCU 32BIT 128KB FLASH 81CSP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG330F256G-E-QFN64R</a><br>Description: IC MCU 32BIT 256KB FLASH 64QFN  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG330F256G-E-QFN64</a><br>Description: IC MCU 32BIT 256KB FLASH 64QFN   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG332F256G-E-QFP64R</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG332F64G-E-QFP64R</a><br>Description: IC MCU 32BIT 64KB FLASH 64TQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG332F256-QFP64T</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG332F128-QFP64T</a><br>Description: IC MCU 32BIT 128KB FLASH 64TQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG332F64G-E-QFP64</a><br>Description: IC MCU 32BIT 64KB FLASH 64TQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG360F128G-E-CSP81R</a><br>Description: IC MCU 32BIT 128KB FLASH 81CSP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG330F64G-E-QFN64R</a><br>Description: IC MCU 32BIT 64KB FLASH 64QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32LG332F64-QFP64</a><br>Description: IC MCU 32BIT 64KB FLASH 64TQFP       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">EFM32LG330F256G-E-R</a><br>Description: IC MCU 32BIT 256KB FLASH 64QFN       | Manufacturers: <a href="#">Silicon Labs</a>                | <div>RFQ</div> |

Related keywords for EFM32LG332F128G-E-QFP64R

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