

EFM32WG332F128-QFP64T



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Part Number: [EFM32WG332F128-QFP64T](#)

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

Description: IC MCU 32BIT 128KB FLASH 64TQFP

Data sheet:  [EFM32WG332](#)  
 [EFM32WG Reference Manual](#)  
 [EFM32WG Family Errata](#)

RoHs Status: Lead free / RoHS Compliant

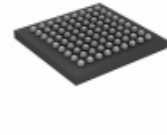
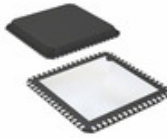
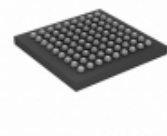
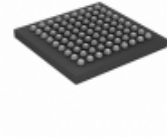
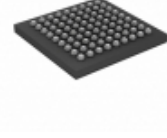
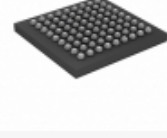
Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                              |                                  |                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EFM32WG332F128-QFP64T                                        | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 21390 pcs                                                    | Data sheet                       | <a href="#">EFM32WG332</a><br><a href="#">EFM32WG Reference Manual</a><br><a href="#">EFM32WG Family Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                    | Voltage - Supply (Vcc/Vdd)       | 1.85 V ~ 3.8 V                                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 64-QFN (9x9)                                                 | Speed                            | 48MHz                                                                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Wonder Gecko                                                 | RAM Size                         | 32K x 8                                                                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FLASH                                                        | Program Memory Size              | 128KB (128K x 8)                                                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, POR, PWM, WDT | Packaging                        | Tray                                                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 64-TQFP                                                      | Other Names                      | EFM32WG332F128-QFP64-T<br>EFM32WG332F128-T<br>EFM32WG332F128-T-ND                                               |
| 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®-M4F Wonder Gecko Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 64-QFN (9x9)               |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A/D 8x12b, D/A 2x12b                                         | Core Size                        | 32-Bit                                                                                                          |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | ARM® Cortex®-M4F                                             | Connectivity                     | I <sup>2</sup> C, 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 21390 pieces of Energy Micro (Silicon Labs) EFM32WG332F128-QFP64T 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="#">EFM32WG330F64-QFN64T</a><br>Description: IC MCU 32BIT 64KB FLASH 64QFN      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG360F256G-A-CSP81R</a><br>Description: IC MCU 32BIT 256KB FLASH 81CSP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG330F256-QFN64T</a><br>Description: IC MCU 32BIT 256KB FLASH 64QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG332F64-QFP64T</a><br>Description: IC MCU 32BIT 64KB FLASH 64TQFP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG332F256-QFP64T</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG330F64-QFN64</a><br>Description: IC MCU 32BIT 64KB FLASH 64QFN       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG332F128-QFP64</a><br>Description: IC MCU 32BIT 128KB FLASH 64TQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG360F256G-A-CSP81</a><br>Description: IC MCU 32BIT 256KB FLASH 81CSP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG332F64-QFP64</a><br>Description: IC MCU 32BIT 64KB FLASH 64TQFP      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG330F128-QFN64</a><br>Description: IC MCU 32BIT 128KB FLASH 64QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG332F256-QFP64</a><br>Description: IC MCU 32BIT 256KB FLASH 64TQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG360F64G-A-CSP81</a><br>Description: IC MCU 32BIT 64KB FLASH 81CSP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG330F256-QFN64</a><br>Description: IC MCU 32BIT 256KB FLASH 64QFN     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG330F128-QFN64T</a><br>Description: IC MCU 32BIT 128KB FLASH 64QFN    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG360F64G-A-CSP81R</a><br>Description: IC MCU 32BIT 64KB FLASH 81CSP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG360F128G-A-CSP81</a><br>Description: IC MCU 32BIT 128KB FLASH 81CSP  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG295F64-BGA120T</a><br>Description: IC MCU 32BIT 64KB FLASH 120BGA    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG360F128G-A-CSP81R</a><br>Description: IC MCU 32BIT 128KB FLASH 81CSP | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG295F256-BGA120T</a><br>Description: IC MCU 32BIT 256KB FLASH 120BGA  | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |
|  | Part#: <a href="#">EFM32WG295F64-BGA120</a><br>Description: IC MCU 32BIT 64KB FLASH 120BGA     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | <div>RFQ</div> |

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|---------------------------------------------------|---------------------------------------------------|------------------------------------|---------------------------------------------------|
| Related keywords for EFM32WG332F128-QFP64T        |                                                   |                                    |                                                   |
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