



Energy Micro (Silicon Labs)

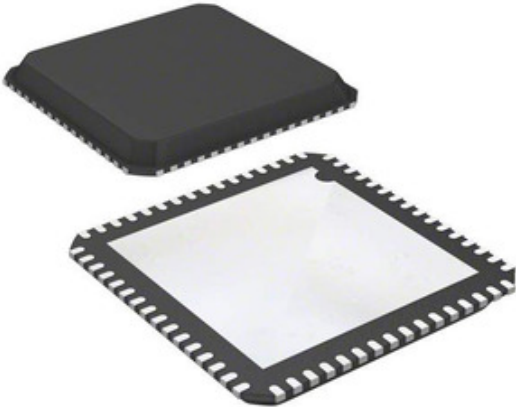


Image may be representation. See specifications for product details.

EFM32WG230F128-QFN64T

|                     |                                                                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32WG230F128-QFN64T                                                                                                                                                                   |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                                                                             |
| Product description | IC MCU 32BIT 128KB FLASH 64QFN<br><a href="#">PDF</a> 1.EFM32WG230F128-QFN64T.pdf<br><a href="#">PDF</a> 2.EFM32WG230F128-QFN64T.pdf<br><a href="#">PDF</a> 3.EFM32WG230F128-QFN64T.pdf |
| Datasheets:         |                                                                                                                                                                                         |
| RoHs Status         |  Lead free / RoHS Compliant                                                                            |
| Ship From           | Hong Kong                                                                                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                   |

REQUEST FOR QUOTATION

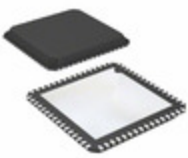
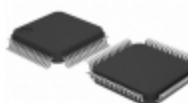
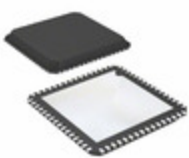
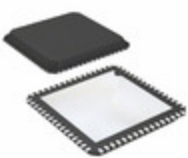
Specifications of EFM32WG230F128-QFN64T

|                                  |                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32WG230F128-QFN64T                                                                                                                                 |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                           |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 64QFN                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                            |
| DATA SHEET                       | <a href="#">PDF</a> 1.EFM32WG230F128-QFN64T.pdf<br><a href="#">PDF</a> 2.EFM32WG230F128-QFN64T.pdf<br><a href="#">PDF</a> 3.EFM32WG230F128-QFN64T.pdf |
| 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, I²S, POR, PWM, WDT                                                                                                       |
| PACKAGING                        | Tray                                                                                                                                                  |
| PACKAGE / CASE                   | 64-VFQFN Exposed Pad                                                                                                                                  |
| OTHER NAMES                      | EFM32WG230F128-QFN64-T<br>EFM32WG230F128-T<br>EFM32WG230F128-T-ND                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                     |
| NUMBER OF I/O                    | 56                                                                                                                                                    |
| 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                     | I²C, IrDA, SmartCard, SPI, UART/USART                                                                                                                 |

Related Tags

|                                                   |                                          |                                                       |
|---------------------------------------------------|------------------------------------------|-------------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32WG230F128-QFN64T | EFM32WG230F128-QFN64T Distributor        | EFM32WG230F128-QFN64T Supplier                        |
| EFM32WG230F128-QFN64T Price                       | EFM32WG230F128-QFN64T Pictures           | EFM32WG230F128-QFN64T Image                           |
| EFM32WG230F128-QFN64T PDF Datasheet               | EFM32WG230F128-QFN64T Download Datasheet | EFM32WG230F128-QFN64T Datasheet                       |
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| Silicon Laboratories EFM32WG230F128-QFN64T        | Silicon Labs EFM32WG230F128-QFN64T       |                                                       |

Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                  |
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| <div></div> <div><b>EFM32WG-STK3800</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT STARTER EFM32 WONDER GECKO<br/>In stock: 35 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>EFM32WG230F256-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 943 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>EFM32WG232F128-QFP64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>EFM32WG230F64-QFN64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>EFM32TG842F8-QFP64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 8KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>      | <div></div> <div><b>EFM32WG232F128-QFP64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>EFM32WG230F128-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 128KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>EFM32WG-DK3850</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: KIT DEV EFM32 WONDER GECKO<br/>In stock: Out stock<br/><div>RFQ</div></div>            |
| <div></div> <div><b>EFM32WG230F64-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 64KB FLASH 64QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>EFM32WG230F256-QFN64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 256KB FLASH 64QFN<br/>In stock: 241 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>EFM32WG-MCP3850</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: BOARD MCU PLUGIN WONDER GECKO DK<br/>In stock: Out stock<br/><div>RFQ</div></div>      | <div></div> <div><b>EFM32TG842F8-QFP64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 8KB FLASH 64TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |