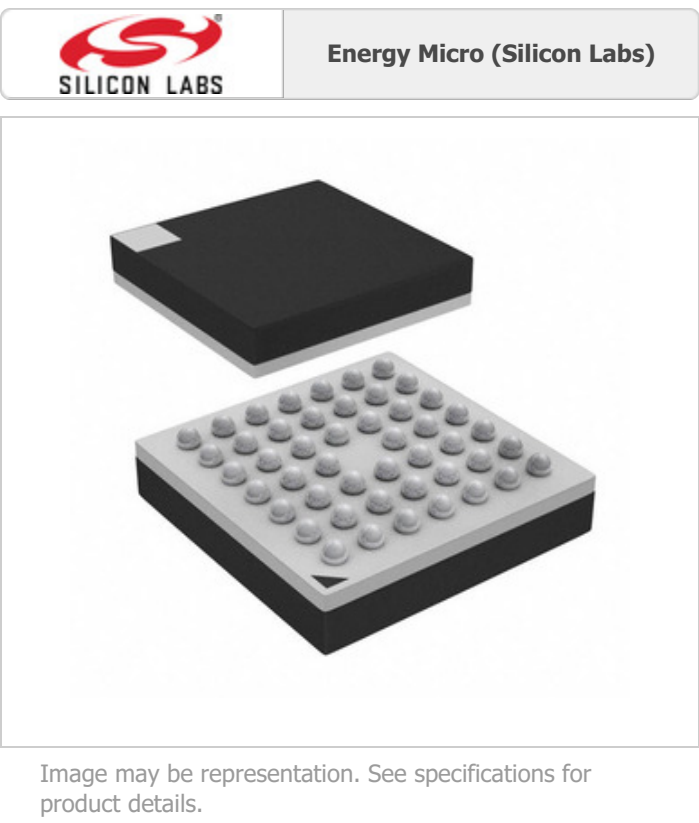




EFM32TG225F8-BGA48

|                     |                                                                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | EFM32TG225F8-BGA48                                                                                                                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                                                                                                                              |
| Product description | IC MCU 32BIT 8KB FLASH 48VFBGA                                                                                                                                                                                           |
| Datasheets:         |  1.EFM32TG225F8-BGA48.pdf<br> 2.EFM32TG225F8-BGA48.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                             |
| Stock Condition     | 57627 pcs stock                                                                                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                    |

REQUEST FOR QUOTATION

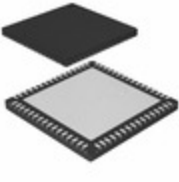
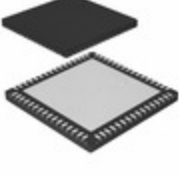
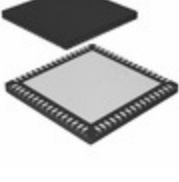
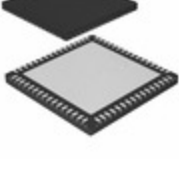
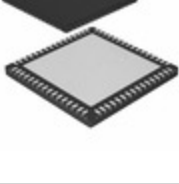
Specifications of EFM32TG225F8-BGA48

|                                  |                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | EFM32TG225F8-BGA48                                                                                                                                                                                                           |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                                                                                                                                  |
| DESCRIPTION                      | IC MCU 32BIT 8KB FLASH 48VFBGA                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 57627 pcs                                                                                                                                                                                                                    |
| DATA SHEET                       |  1.EFM32TG225F8-BGA48.pdf<br> 2.EFM32TG225F8-BGA48.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.85 V ~ 3.8 V                                                                                                                                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 48-BGA (4x4)                                                                                                                                                                                                                 |
| SPEED                            | 32MHz                                                                                                                                                                                                                        |
| SERIES                           | Tiny Gecko                                                                                                                                                                                                                   |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                       |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                        |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                                                                                                                                 |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                                                                                              |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 48-VFBGA                                                                                                                                                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                            |
| NUMBER OF I/O                    | 37                                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                   |
| EEPROM SIZE                      | -                                                                                                                                                                                                                            |
| DETAILED DESCRIPTION             | ARM® Cortex®-M3 Tiny Gecko Microcontroller IC 32-Bit 32MHz 8KB (8K x 8) FLASH 48-BGA (4x4)                                                                                                                                   |
| DATA CONVERTERS                  | A/D 4x12b, D/A 1x12b                                                                                                                                                                                                         |
| CORE SIZE                        | 32-Bit                                                                                                                                                                                                                       |
| CORE PROCESSOR                   | ARM® Cortex®-M3                                                                                                                                                                                                              |
| CONNECTIVITY                     | EBI/EMI, I²C, IrDA, SmartCard, SPI, UART/USART                                                                                                                                                                               |

Related Tags

|                                                |                                       |                                                    |
|------------------------------------------------|---------------------------------------|----------------------------------------------------|
| Energy Micro (Silicon Labs) EFM32TG225F8-BGA48 | EFM32TG225F8-BGA48 Distributor        | EFM32TG225F8-BGA48 Supplier                        |
| EFM32TG225F8-BGA48 Price                       | EFM32TG225F8-BGA48 Pictures           | EFM32TG225F8-BGA48 Image                           |
| EFM32TG225F8-BGA48 PDF Datasheet               | EFM32TG225F8-BGA48 Download Datasheet | EFM32TG225F8-BGA48 Datasheet                       |
| EFM32TG225F8-BGA48 Stock                       | Buy EFM32TG225F8-BGA48                | Buy Energy Micro (Silicon Labs) EFM32TG225F8-BGA48 |
| Energy Micro (Silicon Labs) EFM32TG225F8-BGA48 | Energy Micro (Silicon Labs) Supplier  | Energy Micro (Silicon Labs) Distributor            |
| Energy Micro (Silicon Labs) EFM32TG225F8-BGA48 | Energy Micro EFM32TG225F8-BGA48       | Energy Micro (Silicon Labs) EFM32TG225F8-BGA48     |
| Silicon Laboratories EFM32TG225F8-BGA48        | Silicon Labs EFM32TG225F8-BGA48       |                                                    |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>EFM32TG225F16-BGA48T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 16KB FLASH 48VFBGA<br/>In stock: 48475 pcs<br/><b>RFQ</b></div> |  <div><b>EFM32TG225F8-BGA48T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 8KB FLASH 48VFBGA<br/>In stock: 56018 pcs<br/><b>RFQ</b></div> |
|  <div><b>EFM32TG225F32-BGA48</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 48VFBGA<br/>In stock: 52316 pcs<br/><b>RFQ</b></div>  |  <div><b>EFM32TG230F8-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 8KB FLASH 64QFN<br/>In stock: 66730 pcs<br/><b>RFQ</b></div>    |
|  <div><b>EFM32TG222F8-QFP48</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 8KB FLASH 48TQFP<br/>In stock: 70341 pcs<br/><b>RFQ</b></div>     |  <div><b>EFM32TG230F32-QFN64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 64QFN<br/>In stock: 49389 pcs<br/><b>RFQ</b></div> |
|  <div><b>EFM32TG225F32-BGA48T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 48VFBGA<br/>In stock: 43699 pcs<br/><b>RFQ</b></div> |  <div><b>EFM32TG230F16-QFN64T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 16KB FLASH 64QFN<br/>In stock: 44538 pcs<br/><b>RFQ</b></div> |
|  <div><b>EFM32TG222F8-QFP48T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 8KB FLASH 48TQFP<br/>In stock: 64046 pcs<br/><b>RFQ</b></div>    |  <div><b>EFM32TG230F16-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 16KB FLASH 64QFN<br/>In stock: 59383 pcs<br/><b>RFQ</b></div>  |
|  <div><b>EFM32TG225F16-BGA48</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 16KB FLASH 48VFBGA<br/>In stock: 48394 pcs<br/><b>RFQ</b></div>  |  <div><b>EFM32TG230F32-QFN64</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC MCU 32BIT 32KB FLASH 64QFN<br/>In stock: 44230 pcs<br/><b>RFQ</b></div>  |