



Energy Micro (Silicon Labs)

### EFM32TG225F32-BGA48T

Part Number:	EFM32TG225F32-BGA48T
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 32BIT 32KB FLASH 48VFBGA
Datasheets:	<a href="#">1.EFM32TG225F32-BGA48T.pdf</a> <a href="#">2.EFM32TG225F32-BGA48T.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	43699 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of EFM32TG225F32-BGA48T

PART NUMBER	EFM32TG225F32-BGA48T
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 32KB FLASH 48VFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	43699 pcs
DATA SHEET	<a href="#">1.EFM32TG225F32-BGA48T.pdf</a> <a href="#">2.EFM32TG225F32-BGA48T.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	48-BGA (4x4)
SPEED	32MHz
SERIES	Tiny 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	Tray
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 32KB (32K 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, I <sup>2</sup> C, IrDA, SmartCard, SPI, UART/USART

#### Related Tags

Energy Micro (Silicon Labs) EFM32TG225F32-BGA48T	EFM32TG225F32-BGA48T Distributor	EFM32TG225F32-BGA48T Supplier
EFM32TG225F32-BGA48T Price	EFM32TG225F32-BGA48T Pictures	EFM32TG225F32-BGA48T Image
EFM32TG225F32-BGA48T PDF Datasheet	EFM32TG225F32-BGA48T Download Datasheet	EFM32TG225F32-BGA48T Datasheet
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#### Related Products

<p><b>EFM32TG225F16-BGA48</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 16KB FLASH 48VFBGA                  In stock: 48394 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32TG222F8-QFP48</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 8KB FLASH 48TQFP                  In stock: 70341 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32TG222F32-QFP48T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 32KB FLASH 48TQFP                  In stock: 50239 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32TG225F8-BGA48</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 8KB FLASH 48VFBGA                  In stock: 57627 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32TG230F16-QFN64</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 16KB FLASH 64QFN                  In stock: 59383 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32TG225F16-BGA48T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 16KB FLASH 48VFBGA                  In stock: 48475 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32TG230F16-QFN64T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 16KB FLASH 64QFN                  In stock: 44538 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32TG230F32-QFN64</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 32KB FLASH 64QFN                  In stock: 44230 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32TG225F32-BGA48</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 32KB FLASH 48VFBGA                  In stock: 52316 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32TG222F8-QFP48T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 8KB FLASH 48TQFP                  In stock: 64046 pcs  <a href="#">RFQ</a></p>
<p><b>EFM32TG230F32-QFN64T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 32KB FLASH 64QFN                  In stock: 49389 pcs  <a href="#">RFQ</a></p>	<p><b>EFM32TG225F8-BGA48T</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 32BIT 8KB FLASH 48VFBGA                  In stock: 56018 pcs  <a href="#">RFQ</a></p>