



EFM32TG825F16-BGA48

Part Number:	EFM32TG825F16-BGA48
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 16KB FLASH 48VFBGA
Datasheets:	 1.EFM32TG825F16-BGA48.pdf  2.EFM32TG825F16-BGA48.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	52355 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

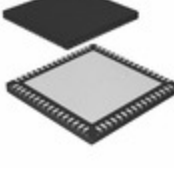
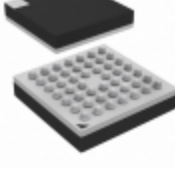
Specifications of EFM32TG825F16-BGA48

PART NUMBER	EFM32TG825F16-BGA48
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 16KB FLASH 48VFBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	52355 pcs
DATA SHEET	 1.EFM32TG825F16-BGA48.pdf  2.EFM32TG825F16-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	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LCD, 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 16KB (16K 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) EFM32TG825F16-BGA48	EFM32TG825F16-BGA48 Distributor	EFM32TG825F16-BGA48 Supplier
EFM32TG825F16-BGA48 Price	EFM32TG825F16-BGA48 Pictures	EFM32TG825F16-BGA48 Image
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Silicon Laboratories EFM32TG825F16-BGA48	Silicon Labs EFM32TG825F16-BGA48	

Related Products

 EFM32TG822F16-QFP48T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 16KB FLASH 48TQFP In stock: 44270 pcs RFQ	 EFM32TG822F32-QFP48 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 48TQFP In stock: 47087 pcs RFQ
 EFM32TG822F8-QFP48 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 8KB FLASH 48TQFP In stock: 54802 pcs RFQ	 EFM32TG822F16-QFP48 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 16KB FLASH 48TQFP In stock: 56890 pcs RFQ
 EFM32TG822F32-QFP48T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 48TQFP In stock: 42348 pcs RFQ	 EFM32TG825F8-BGA48T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 8KB FLASH 48VFBGA In stock: 40112 pcs RFQ
 EFM32TG840F16-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 16KB FLASH 64QFN In stock: 56821 pcs RFQ	 EFM32TG825F8-BGA48 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 8KB FLASH 48VFBGA In stock: 55345 pcs RFQ
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 EFM32TG825F32-BGA48T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 48VFBGA In stock: 42508 pcs RFQ	 EFM32TG825F16-BGA48T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 16KB FLASH 48VFBGA In stock: 47892 pcs RFQ