



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFM32TG822F8-QFP48

Part Number:	EFM32TG822F8-QFP48
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 8KB FLASH 48TQFP
Datasheets:	 1.EFM32TG822F8-QFP48.pdf
	 2.EFM32TG822F8-QFP48.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	54802 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

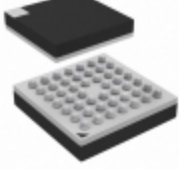
Specifications of EFM32TG822F8-QFP48

PART NUMBER	EFM32TG822F8-QFP48
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 8KB FLASH 48TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	54802 pcs
DATA SHEET	 1.EFM32TG822F8-QFP48.pdf  2.EFM32TG822F8-QFP48.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	48-TQFP (7x7)
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, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	48-TQFP
OTHER NAMES	EFM32TG822F8 EFM32TG822F8-ND
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-TQFP (7x7)
DATA CONVERTERS	A/D 4x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I²C, IrDA, SmartCard, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) EFM32TG822F8-QFP48	EFM32TG822F8-QFP48 Distributor	EFM32TG822F8-QFP48 Supplier
EFM32TG822F8-QFP48 Price	EFM32TG822F8-QFP48 Pictures	EFM32TG822F8-QFP48 Image
EFM32TG822F8-QFP48 PDF Datasheet	EFM32TG822F8-QFP48 Download Datasheet	EFM32TG822F8-QFP48 Datasheet
EFM32TG822F8-QFP48 Stock	Buy EFM32TG822F8-QFP48	Buy Energy Micro (Silicon Labs) EFM32TG822F8-QFP48
Energy Micro (Silicon Labs) EFM32TG822F8-QFP48	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories EFM32TG822F8-QFP48	Silicon Labs EFM32TG822F8-QFP48	

Related Products

 EFM32TG822F16-QFP48T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 16KB FLASH 48TQFP In stock: 44270 pcs RFQ	 EFM32TG232F8-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 8KB FLASH 64TQFP In stock: 55658 pcs RFQ
 EFM32TG825F16-BGA48 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 16KB FLASH 48VFBGA In stock: 52355 pcs RFQ	 EFM32TG825F16-BGA48T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 16KB FLASH 48VFBGA In stock: 47892 pcs RFQ
 EFM32TG822F16-QFP48 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 16KB FLASH 48TQFP In stock: 56890 pcs RFQ	 EFM32TG825F8-BGA48 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 8KB FLASH 48VFBGA In stock: 55345 pcs RFQ
 EFM32TG822F32-QFP48T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 48TQFP In stock: 42348 pcs RFQ	 EFM32TG822F8-QFP48T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 8KB FLASH 48TQFP In stock: 51320 pcs RFQ
 EFM32TG825F32-BGA48 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 48VFBGA In stock: 42980 pcs RFQ	 EFM32TG232F8-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 8KB FLASH 64TQFP In stock: 63643 pcs RFQ
 EFM32TG822F32-QFP48 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 48TQFP In stock: 47087 pcs RFQ	 EFM32TG825F32-BGA48T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 48VFBGA In stock: 42508 pcs RFQ