



SILICON LABS

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

Part Number:	EFM32TG842F32-QFP64T
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 32KB FLASH 64TQFP
Datasheets:	 1.EFM32TG842F32-QFP64T.pdf
	 2.EFM32TG842F32-QFP64T.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	43447 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

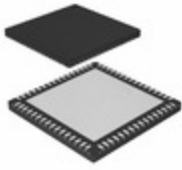
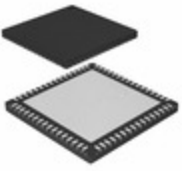
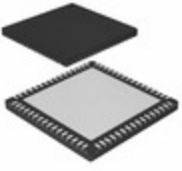
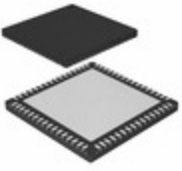
Specifications of EFM32TG842F32-QFP64T

PART NUMBER	EFM32TG842F32-QFP64T
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 32KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	43447 pcs
DATA SHEET	 1.EFM32TG842F32-QFP64T.pdf  2.EFM32TG842F32-QFP64T.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
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, I²S, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OTHER NAMES	EFM32TG842F32-QFP64-T EFM32TG842F32-T EFM32TG842F32-T-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	53
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 64-TQFP (10x10)
DATA CONVERTERS	A/D 8x12b, 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) EFM32TG842F32-QFP64T	EFM32TG842F32-QFP64T Distributor	EFM32TG842F32-QFP64T Supplier
EFM32TG842F32-QFP64T Price	EFM32TG842F32-QFP64T Pictures	EFM32TG842F32-QFP64T Image
EFM32TG842F32-QFP64T PDF Datasheet	EFM32TG842F32-QFP64T Download Datasheet	EFM32TG842F32-QFP64T Datasheet
EFM32TG842F32-QFP64T Stock	Buy EFM32TG842F32-QFP64T	Buy Energy Micro (Silicon Labs) EFM32TG842F32-QFP64T
Energy Micro (Silicon Labs) EFM32TG842F32-QFP64T	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

 EFM32TG840F8-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 8KB FLASH 64QFN In stock: 51461 pcs RFQ	 EFM32TG842F16-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 16KB FLASH 64TQFP In stock: 50025 pcs RFQ
 EFM32WG-STK3800 Manufacturers: Energy Micro (Silicon Labs) Description: KIT STARTER EFM32 WONDER GECKO In stock: 2951 pcs RFQ	 EFM32TG842F8-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 8KB FLASH 64TQFP In stock: 54827 pcs RFQ
 EFM32TG842F16-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 16KB FLASH 64TQFP In stock: 40501 pcs RFQ	 EFM32TG840F32-QFN64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 64QFN In stock: 38354 pcs RFQ
 EFM32WG-DK3850 Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEV EFM32 WONDER GECKO In stock: 263 pcs RFQ	 EFM32WG230F128-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64QFN In stock: 24840 pcs RFQ
 EFM32TG842F8-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 8KB FLASH 64TQFP In stock: 65963 pcs RFQ	 EFM32WG-MCP3850 Manufacturers: Energy Micro (Silicon Labs) Description: BOARD MCU PLUGIN WONDER GECKO DK In stock: 1514 pcs RFQ
 EFM32TG842F32-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 64TQFP In stock: 47393 pcs RFQ	 EFM32TG840F8-QFN64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 8KB FLASH 64QFN In stock: 41497 pcs RFQ