



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFM32GG842F512-QFP64

Part Number:

EFM32GG842F512-QFP64

Manufacturer/Brand:

Energy Micro (Silicon Labs)

Product description

IC MCU 32BIT 512KB FLASH 64TQFP

Datasheets:

 1.EFM32GG842F512-QFP64.pdf

 2.EFM32GG842F512-QFP64.pdf

 3.EFM32GG842F512-QFP64.pdf

RoHs Status

 Lead free / RoHS Compliant

Stock Condition

16459 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

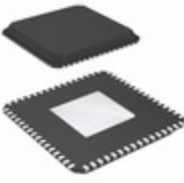
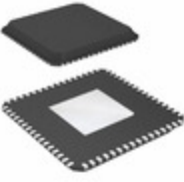
Specifications of EFM32GG842F512-QFP64

PART NUMBER	EFM32GG842F512-QFP64
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	16459 pcs
DATA SHEET	 1.EFM32GG842F512-QFP64.pdf  2.EFM32GG842F512-QFP64.pdf  3.EFM32GG842F512-QFP64.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	48MHz
SERIES	Giant Gecko
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-TQFP
OTHER NAMES	EFM32GG842F512 EFM32GG842F512-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 Giant Gecko Microcontroller IC 32-Bit 48MHz 512KB (512K x 8) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 8x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I²C, IrDA, SmartCard, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) EFM32GG842F512-QFP64	EFM32GG842F512-QFP64 Distributor	EFM32GG842F512-QFP64 Supplier
EFM32GG842F512-QFP64 Price	EFM32GG842F512-QFP64 Pictures	EFM32GG842F512-QFP64 Image
EFM32GG842F512-QFP64 PDF Datasheet	EFM32GG842F512-QFP64 Download Datasheet	EFM32GG842F512-QFP64 Datasheet
EFM32GG842F512-QFP64 Stock	Buy EFM32GG842F512-QFP64	Buy Energy Micro (Silicon Labs) EFM32GG842F512-QFP64
Energy Micro (Silicon Labs) EFM32GG842F512-QFP64	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories EFM32GG842F512-QFP64	Silicon Labs EFM32GG842F512-QFP64	

Related Products

 EFM32GG880F1024-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 11555 pcs RFQ	 EFM32GG842F1024-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64TQFP In stock: 15725 pcs RFQ
 EFM32GG840F512G-E-QFN64R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: 20470 pcs RFQ	 EFM32GG842F1024G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64TQFP In stock: 14123 pcs RFQ
 EFM32GG880F1024G-E-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 12804 pcs RFQ	 EFM32GG842F512G-E-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: 16490 pcs RFQ
 EFM32GG842F512G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: 18091 pcs RFQ	 EFM32GG842F1024G-E-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64TQFP In stock: 16097 pcs RFQ
 EFM32GG842F1024-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64TQFP In stock: 12598 pcs RFQ	 EFM32GG840F512G-E-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: 18447 pcs RFQ
 EFM32GG880F1024-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 14917 pcs RFQ	 EFM32GG842F512-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: 16944 pcs RFQ