



SILICON LABS

Energy Micro (Silicon Labs)



EFM32GG842F512G-E-QFP64

Part Number:	EFM32GG842F512G-E-QFP64
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 512KB FLASH 64TQFP
	 1.EFM32GG842F512G-E-QFP64.pdf
	 2.EFM32GG842F512G-E-QFP64.pdf
	 3.EFM32GG842F512G-E-QFP64.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	16490 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of EFM32GG842F512G-E-QFP64

PART NUMBER	EFM32GG842F512G-E-QFP64
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	16490 pcs
DATA SHEET	 1.EFM32GG842F512G-E-QFP64.pdf  2.EFM32GG842F512G-E-QFP64.pdf  3.EFM32GG842F512G-E-QFP64.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.98 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	Tray
PACKAGE / CASE	64-TQFP
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) EFM32GG842F512G-E-QFP64	EFM32GG842F512G-E-QFP64 Distributor	EFM32GG842F512G-E-QFP64 Supplier
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EFM32GG842F512G-E-QFP64 PDF Datasheet	EFM32GG842F512G-E-QFP64 Download Datasheet	EFM32GG842F512G-E-QFP64 Datasheet
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Related Products

 SILICON LABS EFM32GG880F1024-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 11555 pcs RFQ	 SILICON LABS EFM32GG842F512G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: 18091 pcs RFQ
 SILICON LABS EFM32GG842F1024G-E-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64TQFP In stock: 16097 pcs RFQ	 SILICON LABS EFM32GG842F1024G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64TQFP In stock: 14123 pcs RFQ
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