



EFM32GG840F512G-E-QFN64R

Part Number:	EFM32GG840F512G-E-QFN64R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 512KB FLASH 64QFN
	 1.EFM32GG840F512G-E-QFN64R.pdf
	 2.EFM32GG840F512G-E-QFN64R.pdf
	 3.EFM32GG840F512G-E-QFN64R.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	20470 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

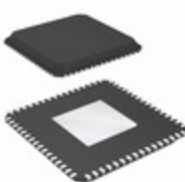
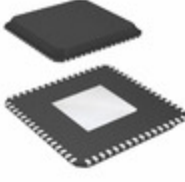
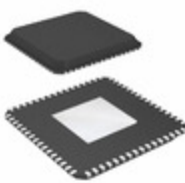
Specifications of EFM32GG840F512G-E-QFN64R

PART NUMBER	EFM32GG840F512G-E-QFN64R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	20470 pcs
DATA SHEET	 1.EFM32GG840F512G-E-QFN64R.pdf  2.EFM32GG840F512G-E-QFN64R.pdf  3.EFM32GG840F512G-E-QFN64R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.98 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
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-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	56
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-QFN (9x9)
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) EFM32GG840F512G-E-QFN64R	EFM32GG840F512G-E-QFN64R Distributor	EFM32GG840F512G-E-QFN64R Supplier
EFM32GG840F512G-E-QFN64R Price	EFM32GG840F512G-E-QFN64R Pictures	EFM32GG840F512G-E-QFN64R Image
EFM32GG840F512G-E-QFN64R PDF Datasheet	EFM32GG840F512G-E-QFN64R Download Datasheet	EFM32GG840F512G-E-QFN64R Datasheet
EFM32GG840F512G-E-QFN64R Stock	Buy EFM32GG840F512G-E-QFN64R	Buy Energy Micro (Silicon Labs) EFM32GG840F512G-E-QFN64R
Energy Micro (Silicon Labs) EFM32GG840F512G-E-QFN64R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32GG840F512G-E-QFN64R	Energy Micro EFM32GG840F512G-E-QFN64R	Energy Micro (Silicon Labs) EFM32GG840F512G-E-QFN64R
Silicon Laboratories EFM32GG840F512G-E-QFN64R	Silicon Labs EFM32GG840F512G-E-QFN64R	

Related Products

 EFM32GG842F512-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: 16944 pcs RFQ	 EFM32GG842F1024G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64TQFP In stock: 14123 pcs RFQ
 EFM32GG840F1024G-E-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 16908 pcs RFQ	 EFM32GG840F512-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: 16543 pcs RFQ
 EFM32GG840F1024G-E-QFN64R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 13950 pcs RFQ	 EFM32GG842F1024-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64TQFP In stock: 12598 pcs RFQ
 EFM32GG842F1024-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64TQFP In stock: 15725 pcs RFQ	 EFM32GG840F512-QFN64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: 18587 pcs RFQ
 EFM32GG842F512-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 64TQFP In stock: 16459 pcs RFQ	 EFM32GG840F1024-QFN64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64QFN In stock: 11746 pcs RFQ
 EFM32GG842F1024G-E-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 64TQFP In stock: 16097 pcs RFQ	 EFM32GG840F512G-E-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 64QFN In stock: 18447 pcs RFQ