



Energy Micro (Silicon Labs)



EFM32G842F32G-E-QFP64

Part Number:	EFM32G842F32G-E-QFP64
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	32K FLASH, 8K RAM, 4X22 LCD, AES
Datasheets:	 EFM32G842F32G-E-QFP64.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

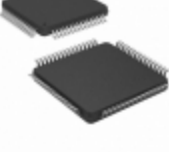
Specifications of EFM32G842F32G-E-QFP64

PART NUMBER	EFM32G842F32G-E-QFP64
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	32K FLASH, 8K RAM, 4X22 LCD, AES
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFM32G842F32G-E-QFP64.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.98 V ~ 3.8 V
SPEED	32MHz
SERIES	Gecko
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	53
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 Gecko Microcontroller IC 32-Bit 32MHz 32KB (32K x 8) FLASH
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) EFM32G842F32G-E-QFP64	EFM32G842F32G-E-QFP64 Distributor	EFM32G842F32G-E-QFP64 Supplier
EFM32G842F32G-E-QFP64 Price	EFM32G842F32G-E-QFP64 Pictures	EFM32G842F32G-E-QFP64 Image
EFM32G842F32G-E-QFP64 PDF Datasheet	EFM32G842F32G-E-QFP64 Download Datasheet	EFM32G842F32G-E-QFP64 Datasheet
EFM32G842F32G-E-QFP64 Stock	Buy EFM32G842F32G-E-QFP64	Buy Energy Micro (Silicon Labs) EFM32G842F32G-E-QFP64
Energy Micro (Silicon Labs) EFM32G842F32G-E-QFP64	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32G842F32G-E-QFP64	Energy Micro EFM32G842F32G-E-QFP64	Energy Micro (Silicon Labs) EFM32G842F32G-E-QFP64
Silicon Laboratories EFM32G842F32G-E-QFP64	Silicon Labs EFM32G842F32G-E-QFP64	

Related Products

 EFM32G842F32-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 64TQFP In stock: Out stock RFQ	 EFM32G842F64G-E-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: 64K FLASH, 16K RAM, 4X22 LCD, AE In stock: Out stock RFQ
 EFM32G842F128-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: 288 pcs RFQ	 EFM32G842F32G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: 32K FLASH, 8K RAM, 4X22 LCD, AES In stock: Out stock RFQ
 EFM32G842F128G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, 4X22 LCD, A In stock: Out stock RFQ	 EFM32G842F128-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: Out stock RFQ
 EFM32G880F128-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: Out stock RFQ	 EFM32G842F64-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: Out stock RFQ
 EFM32G842F64-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: Out stock RFQ	 EFM32G842F32-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 64TQFP In stock: Out stock RFQ
 EFM32G842F64G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: 64K FLASH, 16K RAM, 4X22 LCD, AE In stock: Out stock RFQ	 EFM32G842F128G-E-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, 4X22 LCD, A In stock: 160 pcs RFQ