



SILICON LABS

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFM32LG942F64G-E-QFP64

Part Number:	EFM32LG942F64G-E-QFP64
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 64KB FLASH 64TQFP
Datasheets:	 1.EFM32LG942F64G-E-QFP64.pdf
	 2.EFM32LG942F64G-E-QFP64.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	32233 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

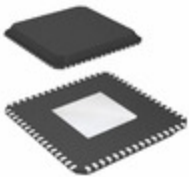
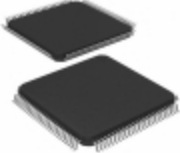
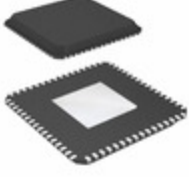
Specifications of EFM32LG942F64G-E-QFP64

PART NUMBER	EFM32LG942F64G-E-QFP64
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	32233 pcs
DATA SHEET	 1.EFM32LG942F64G-E-QFP64.pdf
	 2.EFM32LG942F64G-E-QFP64.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	48MHz
SERIES	Leopard Gecko
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OTHER NAMES	336-4575 EFM32LG942F64G-E-QFP64-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	50
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 Leopard Gecko Microcontroller IC 32-Bit 48MHz 64KB (64K 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, USB

Related Tags

Energy Micro (Silicon Labs) EFM32LG942F64G-E-QFP64	EFM32LG942F64G-E-QFP64 Distributor	EFM32LG942F64G-E-QFP64 Supplier
EFM32LG942F64G-E-QFP64 Price	EFM32LG942F64G-E-QFP64 Pictures	EFM32LG942F64G-E-QFP64 Image
EFM32LG942F64G-E-QFP64 PDF Datasheet	EFM32LG942F64G-E-QFP64 Download Datasheet	EFM32LG942F64G-E-QFP64 Datasheet
EFM32LG942F64G-E-QFP64 Stock	Buy EFM32LG942F64G-E-QFP64	Buy Energy Micro (Silicon Labs) EFM32LG942F64G-E-QFP64
Energy Micro (Silicon Labs) EFM32LG942F64G-E-QFP64	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

 EFM32LG942F64G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: 35615 pcs RFQ	 EFM32LG942F256-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 4497 pcs RFQ
 EFM32LG942F256-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 3643 pcs RFQ	 EFM32LG980F256-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 5098 pcs RFQ
 EFM32LG942F256G-E-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 21307 pcs RFQ	 EFM32LG980F128-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 5392 pcs RFQ
 EFM32LG980F128-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 3479 pcs RFQ	 EFM32LG980F128G-E-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 19852 pcs RFQ
 EFM32LG942F256G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 23977 pcs RFQ	 EFM32LG942F64-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: 5705 pcs RFQ
 EFM32LG980F128G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 26353 pcs RFQ	 EFM32LG942F64-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: 3102 pcs RFQ