



SILICON LABS

Energy Micro (Silicon Labs)



SILICON LABS

Image may be representation. See specifications for product details.

EFM32G842F64G-E-QFP64R

Part Number:	EFM32G842F64G-E-QFP64R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	64K FLASH, 16K RAM, 4X22 LCD, AE
Datasheets:	 EFM32G842F64G-E-QFP64R.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

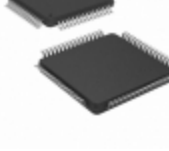
Specifications of EFM32G842F64G-E-QFP64R

PART NUMBER	EFM32G842F64G-E-QFP64R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	64K FLASH, 16K RAM, 4X22 LCD, AE
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 EFM32G842F64G-E-QFP64R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.98 V ~ 3.8 V
SPEED	32MHz
SERIES	Gecko
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K 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 64KB (64K 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) EFM32G842F64G-E-QFP64R	EFM32G842F64G-E-QFP64R Distributor	EFM32G842F64G-E-QFP64R Supplier
EFM32G842F64G-E-QFP64R Price	EFM32G842F64G-E-QFP64R Pictures	EFM32G842F64G-E-QFP64R Image
EFM32G842F64G-E-QFP64R PDF Datasheet	EFM32G842F64G-E-QFP64R Download Datasheet	EFM32G842F64G-E-QFP64R Datasheet
EFM32G842F64G-E-QFP64R Stock	Buy EFM32G842F64G-E-QFP64R	Buy Energy Micro (Silicon Labs) EFM32G842F64G-E-QFP64R
Energy Micro (Silicon Labs) EFM32G842F64G-E-QFP64R	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32G842F64G-E-QFP64R	Energy Micro EFM32G842F64G-E-QFP64R	Energy Micro (Silicon Labs) EFM32G842F64G-E-QFP64R
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Related Products

 EFM32G880F32-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 100LQFP In stock: 122 pcs RFQ	 EFM32G842F32G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: 32K FLASH, 8K RAM, 4X22 LCD, AES In stock: Out stock RFQ
 EFM32G842F64-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: Out stock RFQ	 EFM32G880F128G-E-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, 4X40 LCD, A In stock: 40 pcs RFQ
 EFM32G842F32G-E-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: 32K FLASH, 8K RAM, 4X22 LCD, AES In stock: Out stock RFQ	 EFM32G880F128-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP 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	 EFM32G880F128-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 110 pcs RFQ
 EFM32G842F32-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 64TQFP In stock: Out stock RFQ	 EFM32G880F128G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: 128K FLASH, 16K RAM, 4X40 LCD, A In stock: Out stock RFQ
 EFM32G842F64-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: Out stock RFQ	 EFM32G880F32-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 100LQFP In stock: Out stock RFQ