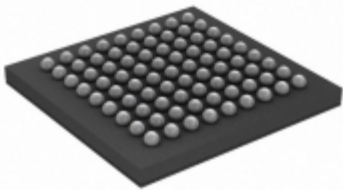


EFM32LG360F256G-E-CSP81R





SILICON LABS

Part Number: [EFM32LG360F256G-E-CSP81R](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC MCU 32BIT 256KB FLASH 81CSP

Data sheet:  [EFM32\(LG\) Errata](#)
 [EFM32\(LG\) Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

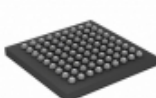
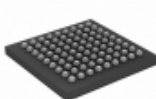
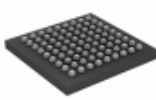
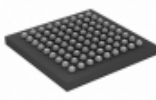
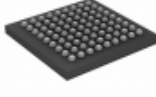
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER		
Part Number	EFM32LG360F256G-E-CSP81R	Manufacturer Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 81CSP	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	23593 pcs	Data sheet EFM32(LG) Errata EFM32(LG) Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd) 1.98 V ~ 3.8 V
Supplier Device Package	81-CSP (4.35x4.27)	Speed48MHz
Series	Leopard Gecko	RAM Size32K x 8
Program Memory Type	FLASH	Program Memory Size256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	PackagingTape & Reel (TR)
Package / Case	81-UFBGA, CSPBGA	Oscillator TypeInternal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O65
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size-
Detailed Description	ARM® Cortex®-M3 Leopard Gecko Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 81-CSP (4.35x4.27)	Data ConvertersA/D 8x12b, D/A 1x12b
Core Size	32-Bit	Core ProcessorARM® Cortex®-M3
Connectivity	I ² C, IrDA, SmartCard, SPI, UART/USART, USB OTG	
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	Part#: EFM32LG360F128G-E-CSP81 Description: IC MCU 32BIT 128KB FLASH 81CSP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG360F64G-E-CSP81R Description: IC MCU 32BIT 64KB FLASH 81CSP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG380F256G-E-QFP100 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
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	Part#: EFM32LG360F64G-E-CSP81 Description: IC MCU 32BIT 64KB FLASH 81CSP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG332F256-QFP64T Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG360F128G-E-CSP81R Description: IC MCU 32BIT 128KB FLASH 81CSP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG332F256G-E-QFP64 Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG380F128G-E-QFP100R Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG380F256-QFP100T Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG380F128-QFP100T Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG332F64G-E-QFP64 Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG360F256G-E-CSP81 Description: IC MCU 32BIT 256KB FLASH 81CSP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG380F128-QFP100 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG380F256G-E-QFP100R Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG332F64-QFP64T Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG332F64-QFP64 Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ

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