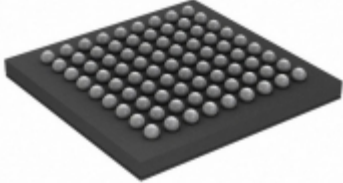


EFM32LG360F64G-E-CSP81R





SILICON LABS

Part Number: [EFM32LG360F64G-E-CSP81R](#)

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

Description: IC MCU 32BIT 64KB FLASH 81CSP

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

RoHs Status: Lead free / RoHS Compliant

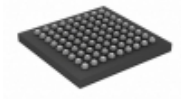
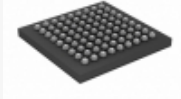
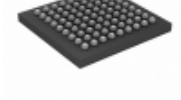
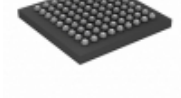
Ship From: Hong Kong

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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EFM32LG360F64G-E-CSP81R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 64KB FLASH 81CSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32364 pcs	Data sheet	EFM32(LG) Errata EFM32(LG) Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Datasheet 1.98 V ~ 3.8 V
Supplier Device Package	81-CSP (4.35x4.27)	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, I ² S, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	81-UFBGA, CSPBGA	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	65
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	6 Weeks
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 81-CSP (4.35x4.27)	Data Converters	A/D 8x12b, D/A 1x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M3
Connectivity	I ² C, IrDA, SmartCard, SPI, UART/USART, USB OTG		
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RELATED PRODUCTS			
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	Part#: EFM32LG360F256G-E-CSP81 Description: IC MCU 32BIT 256KB FLASH 81CSP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG380F64-QFP100 Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32LG380F128-QFP100 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32LG332F256G-E-QFP64R Description: IC MCU 32BIT 256KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32LG332F64G-E-QFP64 Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG380F128-QFP100T Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG360F64G-E-CSP81 Description: IC MCU 32BIT 64KB FLASH 81CSP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32LG360F128G-E-CSP81R Description: IC MCU 32BIT 128KB FLASH 81CSP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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