

EFM32LG360F128G-E-CSP81



SILICON LABS

Part Number: [EFM32LG360F128G-E-CSP81](#)

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

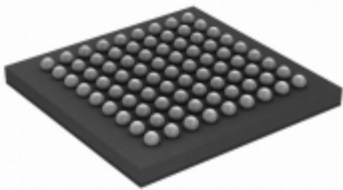
Description: IC MCU 32BIT 128KB FLASH 81CSP

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

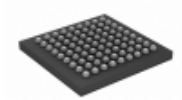
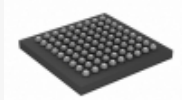
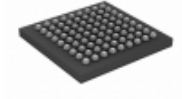
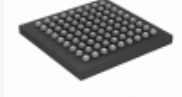
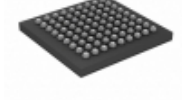
Shipment Way: DHL/Fedex/TNT/UPS/EMS



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PRODUCT PARAMETER			
Part Number	EFM32LG360F128G-E-CSP81	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 128KB FLASH 81CSP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	25133 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)	Speed	48MHz
Series	Leopard Gecko	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Strip
Package / Case	81-UFBGA, CSPBGA	Other Names	336-3077
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 128KB (128K 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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	Part#: EFM32LG332F128G-E-QFP64R Description: IC MCU 32BIT 128KB 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#: 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#: EFM32LG380F256-QFP100 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG360F64G-E-CSP81R Description: IC MCU 32BIT 64KB FLASH 81CSP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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