

EFM32LG880F256-QFP100



SILICON LABS



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Part Number: [EFM32LG880F256-QFP100](#)

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

Description: IC MCU 32BIT 256KB FLASH 100LQFP

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

RoHs Status: Lead free / RoHS Compliant

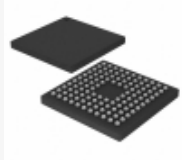
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PRODUCT PARAMETER		
Part Number	EFM32LG880F256-QFP100	Manufacturer Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 100LQFP	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	4785 pcs	Data sheet EFM32(LG) Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)1.85 V ~ 3.8 V
Supplier Device Package	100-LQFP (14x14)	Speed48MHz
Series	Leopard Gecko	RAM Size32K x 8
Program Memory Type	FLASH	Program Memory Size256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	PackagingOriginal-Reel®
Package / Case	100-LQFP	Other Names914-1078-6
Oscillator Type	Internal	Operating Temperature-40°C ~ 85°C (TA)
Number of I/O	86	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 256KB (256K x 8) FLASH 100-LQFP (14x14)	Data ConvertersA/D 8x12b, D/A 2x12b
Core Size	32-Bit	Core ProcessorARM® Cortex®-M3
Connectivity	EBI/EMI, I²C, IrDA, SmartCard, SPI, UART/USART	
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