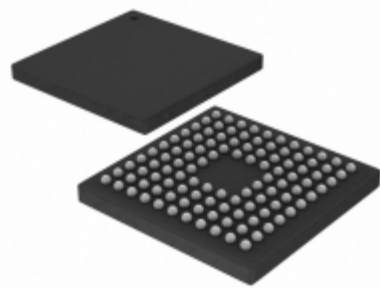


EFM32LG990F256-BGA112



**SILICON LABS**

Part Number: [EFM32LG990F256-BGA112](#)

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

Description: IC MCU 32BIT 256KB FLASH 112BGA

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

RoHs Status: Lead free / RoHS Compliant

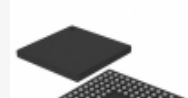
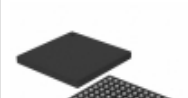
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER		
Part Number	EFM32LG990F256-BGA112	Manufacturer Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 112BGA	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	4890 pcs	Data sheet EFM32(LG) Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)1.85 V ~ 3.8 V
Supplier Device Package	112-BGA (10x10)	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	PackagingTape & Reel (TR)
Package / Case	112-LFBGA	Other Names914-1059-2 EFM32LG990F256 EFM32LG990F256-ND
Oscillator Type	Internal	Operating Temperature-40°C ~ 85°C (TA)
Number of I/O	87	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 112-BGA (10x10)	Data ConvertersA/D 8x12b, D/A 2x12b
Core Size	32-Bit	Core ProcessorARM® Cortex®-M3
Connectivity	EBI/EMI, I²C, IrDA, SmartCard, SPI, UART/USART, USB	
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	Part#: EFM32LG980F64G-E-QFP100 Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
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	Part#: EFM32LG990F256G-E-BGA112 Description: IC MCU 32BIT 256KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG990F128G-E-BGA112 Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG990F64-BGA112 Description: IC MCU 32BIT 64KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG990F128G-E-BGA112R Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32LG980F64-QFP100 Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
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