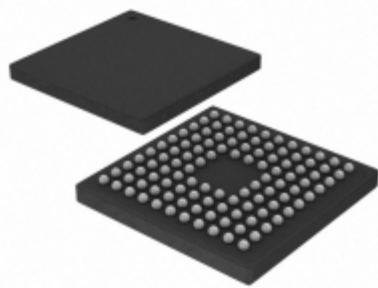


EFM32LG890F64-BGA112



**SILICON LABS**

Part Number: [EFM32LG890F64-BGA112](#)

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

Description: IC MCU 32BIT 64KB FLASH 112BGA

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

RoHs Status: Lead free / RoHS Compliant

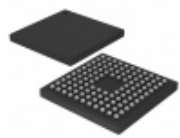
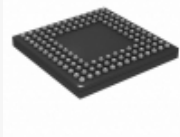
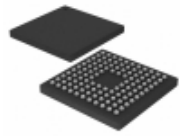
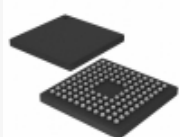
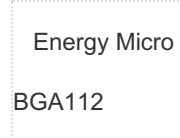
Ship From: Hong Kong

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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EFM32LG890F64-BGA112	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 64KB FLASH 112BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4845 pcs	Data sheet	EFM32(LG) Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
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, LCD, POR, PWM, WDT
Packaging	Tape & Reel (TR)	Package / Case	112-LFBGA
Other Names	EFM32LG890F64 EFM32LG890F64-ND	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	90
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 64KB (64K x 8) FLASH
Data Converters	A/D 8x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	EBI/EMI, I²C, IrDA, SmartCard, SPI, UART/USART
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	Part#: EFM32LG890F128G-E-BGA112R Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG890F256G-E-BGA112 Description: IC MCU 32BIT 256KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32LG890F64G-E-BGA112 Description: IC MCU 32BIT 64KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG890F128G-E-BGA112 Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32LG890F128-BGA112 Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG880F64G-E-QFP100R Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG895F256-BGA120T Description: IC MCU 32BIT 256KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG890F128-BGA112T Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG895F128-BGA120T Description: IC MCU 32BIT 128KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG890F256G-E-BGA112R Description: IC MCU 32BIT 256KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG880F64G-E-QFP100 Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG895F256G-E-BGA120 Description: IC MCU 32BIT 256KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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