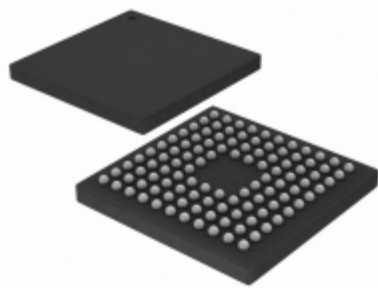


EFM32G290F64G-E-BGA112



**SILICON LABS**

Part Number: [EFM32G290F64G-E-BGA112](#)

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

Description: 64K FLASH, 16K RAM, AES

Data sheet:  [EFM32G290 Errata](#)
 [EFM32\(G\) Family Datasheet](#)
 [EFM32G Reference Manual](#)

RoHs Status: Lead free / RoHS Compliant

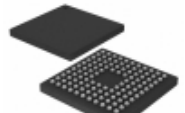
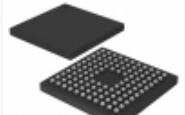
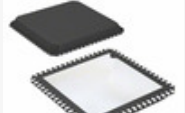
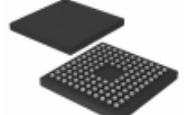
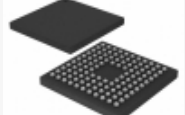
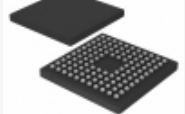
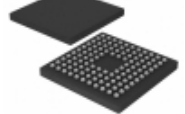
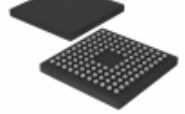
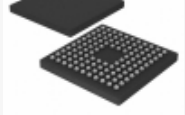
Ship From: Hong Kong

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	EFM32G290F64G-E-BGA112	Manufacturer	Energy Micro (Silicon Labs)
Description	64K FLASH, 16K RAM, AES	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	38106 pcs	Data sheet	EFM32G290 Errata EFM32(G) Family Datasheet EFM32G Reference Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.98 V ~ 3.8 V
Speed	32MHz	Series	Gecko
RAM Size	16K x 8	Program Memory Type	FLASH
Program Memory Size	64KB (64K x 8)	Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	90	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 Gecko Microcontroller IC 32-Bit 32MHz 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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RELATED PRODUCTS			
	Part#: EFM32G290F128G-E-BGA112 Description: 128K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32G290F32-BGA112T Description: IC MCU 32BIT 32KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G290F64-BGA112T Description: IC MCU 32BIT 64KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G290F32G-E-BGA112R Description: 32K FLASH, 8K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G840F128-QFN64T Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G290F128G-E-BGA112R Description: 128K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G290F64G-E-BGA112R Description: 64K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G800F128G-D-D11 Description: IC MCU 32BIT 128KB FLASH DIE	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G290F32G-E-BGA112 Description: 32K FLASH, 8K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G30F128-QFN64 Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G290F64-BGA112 Description: IC MCU 32BIT 64KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G290F32-BGA112 Description: IC MCU 32BIT 32KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32G290F128-BGA112 Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G30F128-QFN64T Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G30F128G-E-QFN64R Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G290F128-BGA112T Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G30F128G-E-QFN64 Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G840F128G-E-QFN64 Description: 128K FLASH, 16K RAM, 4X24 LCD, A	Manufacturers: Energy Micro (Silicon Labs)	RFQ

Related keywords for EFM32G290F64G-E-BGA112			
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