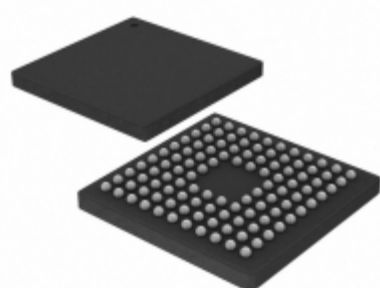


EFM32GG890F512G-E-BGA112



**SILICON LABS**

Part Number: [EFM32GG890F512G-E-BGA112](#)

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

Description: IC MCU 32BIT 512KB FLASH 112BGA

Data sheet:  [EFM32GG Ref Manual](#)
 [EFM32GG890](#)
 [EFM32 Product Introduction](#)

RoHs Status: Lead free / RoHS Compliant

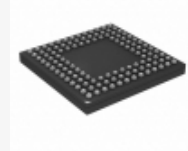
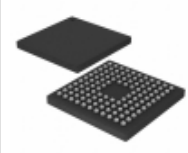
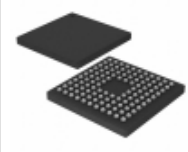
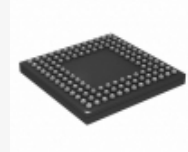
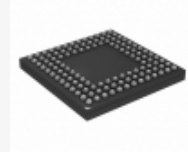
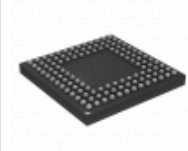
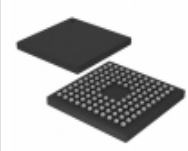
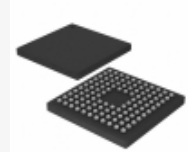
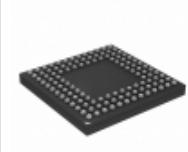
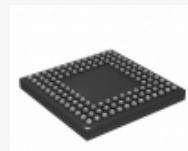
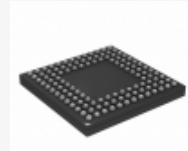
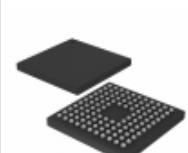
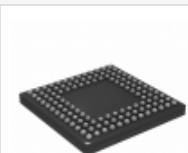
Ship From: Hong Kong

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	EFM32GG890F512G-E-BGA112	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 512KB FLASH 112BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16223 pcs	Data sheet	EFM32GG Ref Manual EFM32GG890 EFM32 Product
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Introduction 1.98 V ~ 3.3 V
Supplier Device Package	112-BGA (10x10)	Speed	48MHz
Series	Giant Gecko	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	512KB (512K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	112-TFBGA	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 Giant Gecko Microcontroller IC 32-Bit 48MHz 512KB (512K x 8) FLASH 112-BGA (10x10)	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		
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 16223 pieces of Energy Micro (Silicon Labs) EFM32GG890F512G-E-BGA112 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

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	Part#: EFM32GG880F512-QFP100 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG895F512G-E-BGA120R Description: IC MCU 32BIT 512KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG890F1024-BGA112T Description: IC MCU 32BIT 1MB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG900F1024G-D-D1I Description: IC MCU 32BIT 1MB FLASH DIE	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG890F1024G-E-BGA112R Description: IC MCU 32BIT 1MB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG895F512-BGA120T Description: IC MCU 32BIT 512KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG880F512G-E-QFP100R Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG895F1024-BGA120 Description: IC MCU 32BIT 1MB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG895F1024G-E-BGA120 Description: IC MCU 32BIT 1MB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG880F512-QFP100T Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG890F512G-E-BGA112R Description: IC MCU 32BIT 512KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG890F512-BGA112T Description: IC MCU 32BIT 512KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG895F1024-BGA120T Description: IC MCU 32BIT 1MB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG895F512G-E-BGA120 Description: IC MCU 32BIT 512KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG880F512G-E-QFP100 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG895F1024G-E-BGA120R Description: IC MCU 32BIT 1MB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG890F512-BGA112 Description: IC MCU 32BIT 512KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG890F1024-BGA112 Description: IC MCU 32BIT 1MB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG895F512-BGA120 Description: IC MCU 32BIT 512KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG890F1024G-E-BGA112 Description: IC MCU 32BIT 1MB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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