

EFM32G890F64G-E-BGA112



SILICON LABS



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Part Number: [EFM32G890F64G-E-BGA112](#)

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

Description: 64K FLASH, 16K RAM, 4X40 LCD, AE

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

RoHs Status: Lead free / RoHS Compliant

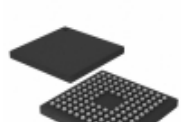
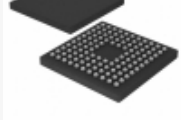
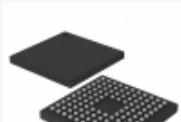
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PRODUCT PARAMETER			
Part Number	EFM32G890F64G-E-BGA112	Manufacturer	Energy Micro (Silicon Labs)
Description	64K FLASH, 16K RAM, 4X40 LCD, AE	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	38545 pcs	Data sheet	EFM32(G) Family Datasheet
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, LCD, 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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	Part#: EFM32G890F32-BGA112T Description: IC MCU 32BIT 32KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G890F128G-E-BGA112R Description: 128K FLASH, 16K RAM, 4X40 LCD, A	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG11B110F2048GM64-A Description: EFM32 GIANT GECKO 11 ULTRA LOW P	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG11B110F2048GQ64-AR Description: EFM32 GIANT GECKO 11 ULTRA LOW P	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G890F128G-E-BGA112 Description: 128K FLASH, 16K RAM, 4X40 LCD, A	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG11B110F2048GM64-B Description: GIANT GECKO 11 ULTRA LOW POWER M	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G890F64-BGA112 Description: IC MCU 32BIT 64KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32G890F32G-E-BGA112R Description: 32K FLASH, 8K RAM, 4X40 LCD, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G890F64-BGA112T Description: IC MCU 32BIT 64KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG11B110F2048GM64-BR Description: GIANT GECKO 11 ULTRA LOW POWER M	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32GG11B110F2048GQ64-A Description: EFM32 GIANT GECKO 11 ULTRA LOW P	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG-STK3700 Description: KIT STARTER GIANT GECKO	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG-DK3750 Description: KIT DEV EFM32 GIANT GECKO	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G890F32-BGA112 Description: IC MCU 32BIT 32KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G890F64G-E-BGA112R Description: 64K FLASH, 16K RAM, 4X40 LCD, AE	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG11B110F2048GM64-AR Description: EFM32 GIANT GECKO 11 ULTRA LOW P	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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