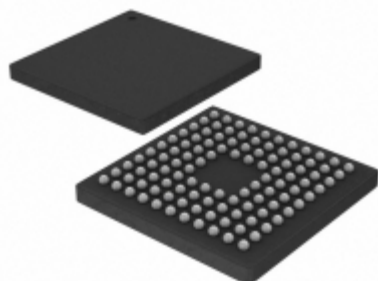


EFM32LG390F128G-E-BGA112R



Images are for reference only.
See Product Specifications for product details.
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SILICON LABS

Part Number: [EFM32LG390F128G-E-BGA112R](#)

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

Description: IC MCU 32BIT 128KB FLASH 112BGA

Data sheet:  [EFM32LG Ref Manual](#)
 [EFM32LG390 Errata History](#)
 [EFM32LG390 Errata, Chip rev. E](#)
 [EFM32\(LG\) Errata](#)
 [EFM32\(LG\) Family Datasheet](#)

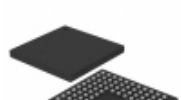
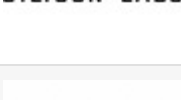
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER				
Part Number	EFM32LG390F128G-E-BGA112R	Manufacturer	Energy Micro (Silicon Labs)	
Description	IC MCU 32BIT 128KB FLASH 112BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant	
Quantity Available	25350 pcs	Data sheet	EFM32LG Ref Manual EFM32LG390 Errata History EFM32LG390 Errata, Chip rev. EFM32(LG) Errata EFM32(LG) Family Datasheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V	
Supplier Device Package	112-BGA (10x10)	Speed	48MHz	
Series	Leopard Gecko	RAM Size	32K x 8	
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)	
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)	
Package / Case	112-LFBGA	Oscillator Type	Internal	
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	87	
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 Leopard Gecko Microcontroller IC 32-Bit 48MHz 128KB (128K 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, USB			
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 25350 pieces of Energy Micro (Silicon Labs) EFM32LG390F128G-E-BGA112R 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#: EFM32LG380F64G-E-QFP100R Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG380F64-QFP100T Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32LG390F256-BGA112T Description: IC MCU 32BIT 256KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG395F128-BGA120 Description: IC MCU 32BIT 128KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG380F64-QFP100 Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG380F256-QFP100T Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG390F64G-E-BGA112 Description: IC MCU 32BIT 64KB FLASH 112LFBGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG390F64-BGA112 Description: IC MCU 32BIT 64KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG390F64-BGA112T Description: IC MCU 32BIT 64KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG390F128-BGA112 Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG390F256-BGA112 Description: IC MCU 32BIT 256KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG380F256G-E-QFP100 Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG380F64G-E-QFP100 Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG390F64G-E-BGA112R Description: IC MCU 32BIT 64KB FLASH 112LFBGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG380F256G-E-QFP100R Description: IC MCU 32BIT 256KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG390F128G-E-BGA112 Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG390F128-BGA112T Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32LG395F128-BGA120T Description: IC MCU 32BIT 128KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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