

EFM32GG900F512G-E-D11



SILICON LABS



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Part Number: [EFM32GG900F512G-E-D11](#)

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

Description: IC MCU 32BIT 512KB FLASH DIE

Data sheet:  [EFM32GG Ref Manual](#)
 [EFM32GG900](#)
 [EFM32 Product Introduction](#)

RoHs Status: Lead free / RoHS Compliant

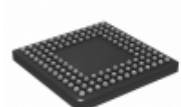
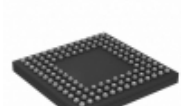
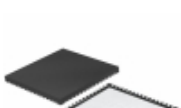
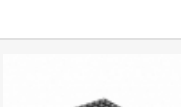
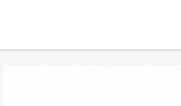
Ship From: Hong Kong

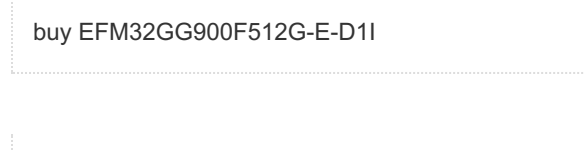
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	EFM32GG900F512G-E-D11	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 512KB FLASH DIE	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4622 pcs	Data sheet	EFM32GG Ref Manual EFM32GG900 EFM32 Product Introduction
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.98 V ~ 3.8 V
Supplier Device Package	Wafer	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	Bulk
Package / Case	Die	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	93
Moisture Sensitivity Level (MSL)	3 (168 Hours)	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 Wafer
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#: EFM32GG895F512G-E-BGA120R Description: IC MCU 32BIT 512KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG942F1024-QFP64 Description: IC MCU 32BIT 1MB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG895F512-BGA120 Description: IC MCU 32BIT 512KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG900F1024G-D-D11 Description: IC MCU 32BIT 1MB FLASH DIE	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG940F512G-E-QFN64R Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32GG940F512-QFN64T Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32GG900F512G-D-D11 Description: IC MCU 32BIT 512KB FLASH DIE	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32GG940F1024G-E-QFN64 Description: IC MCU 32BIT 1MB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG895F512-BGA120T Description: IC MCU 32BIT 512KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG900F1024G-E-D11 Description: IC MCU 32BIT 1MB FLASH DIE	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG895F1024G-E-BGA120R Description: IC MCU 32BIT 1MB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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