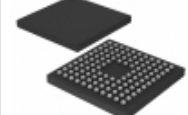
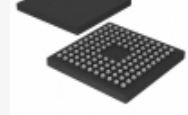
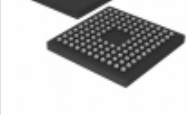
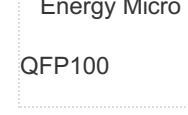


EFM32GG980F512-QFP100

 SILICON LABS	 SILICON LABS Part Number: EFM32GG980F512-QFP100 Manufacturer: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 100LQFP Data sheet:  EFM32GG980  EFM32GG Ref Manual  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. Buy EFM32GG980F512-QFP100 with confidence from Component-World.HK, 1 Year Warranty Request For Quotation		

PRODUCT PARAMETER			
Part Number	EFM32GG980F512-QFP100	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 512KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	10460 pcs	Data sheet	EFM32GG980 EFM32GG Ref Manual EFM32 Product Introduction
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Supplier Device Package	100-LQFP (14x14)	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	Original-Reel®
Package / Case	100-LQFP	Other Names	914-1093-6
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	83	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 100-LQFP (14x14)	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		
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	Part#: EFM32GG980F512-QFP100T Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG980F1024-QFP100 Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32GG980F512G-E-QFP100R Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG990F1024G-E-BGA112 Description: IC MCU 32BIT 1MB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG990F512-BGA112T Description: IC MCU 32BIT 512KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG990F1024-BGA112 Description: IC MCU 32BIT 1MB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG942F512-QFP64 Description: IC MCU 32BIT 512KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG990F512-BGA112 Description: IC MCU 32BIT 512KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG980F1024G-E-QFP100 Description: IC MCU 32BIT 1MB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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