



SILICON LABS

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFM32GG980F512G-E-QFP100

Part Number:	EFM32GG980F512G-E-QFP100
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
	 1.EFM32GG980F512G-E-QFP100.pdf
	 2.EFM32GG980F512G-E-QFP100.pdf
	 3.EFM32GG980F512G-E-QFP100.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	16107 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

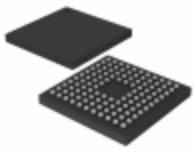
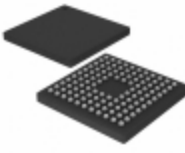
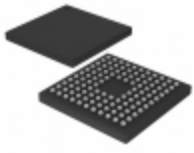
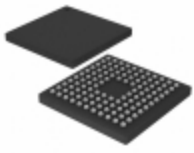
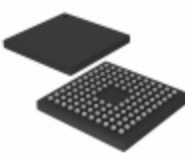
Specifications of EFM32GG980F512G-E-QFP100

PART NUMBER	EFM32GG980F512G-E-QFP100
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	16107 pcs
DATA SHEET	 1.EFM32GG980F512G-E-QFP100.pdf  2.EFM32GG980F512G-E-QFP100.pdf  3.EFM32GG980F512G-E-QFP100.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.98 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	Tray
PACKAGE / CASE	100-LQFP
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

Related Tags

Energy Micro (Silicon Labs) EFM32GG980F512G-E-QFP100	EFM32GG980F512G-E-QFP100 Distributor	EFM32GG980F512G-E-QFP100 Supplier
EFM32GG980F512G-E-QFP100 Price	EFM32GG980F512G-E-QFP100 Pictures	EFM32GG980F512G-E-QFP100 Image
EFM32GG980F512G-E-QFP100 PDF Datasheet	EFM32GG980F512G-E-QFP100 Download Datasheet	EFM32GG980F512G-E-QFP100 Datasheet
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Related Products

 SILICON LABS EFM32GG980F512-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 14609 pcs RFQ	 SILICON LABS EFM32GG990F512-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 112BGA In stock: 13617 pcs RFQ
 SILICON LABS EFM32GG990F1024G-E-BGA112 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 12760 pcs RFQ	 SILICON LABS EFM32GG990F1024-BGA112T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 112BGA In stock: 9239 pcs RFQ
 SILICON LABS EFM32GG980F512G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 16382 pcs RFQ	 SILICON LABS EFM32GG980F1024-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 14308 pcs RFQ
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