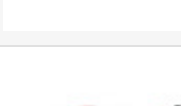
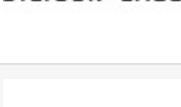


EFM32LG980F256-QFP100

 SILICON LABS	 SILICON LABS Part Number: EFM32LG980F256-QFP100 Manufacturer: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 100LQFP Data sheet:  EFM32(LG) Family Datasheet	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 EFM32LG980F256-QFP100 with confidence from Component-World.HK, 1 Year Warranty		
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PRODUCT PARAMETER		
Part Number	EFM32LG980F256-QFP100	Manufacturer Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 100LQFP	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	4216 pcs	Data sheet EFM32(LG) Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)1.65 V ~ 3.8 V
Supplier Device Package	100-LQFP (14x14)	Speed48MHz
Series	Leopard Gecko	RAM Size32K x 8
Program Memory Type	FLASH	Program Memory Size256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	PackagingTape & Reel (TR)
Package / Case	100-LQFP	Other Names914-1058-2 EFM32LG980F256 EFM32LG980F256-ND
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 Leopard Gecko Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 100-LQFP (14x14)	Data ConvertersA/D 8x12b, D/A 2x12b
Core Size	32-Bit	Core ProcessorARM® Cortex®-M3
Connectivity	EBI/EMI, I²C, IrDA, SmartCard, SPI, UART/USART, USB	
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	Part#: EFM32LG942F64-QFP64T Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
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	Part#: EFM32LG980F64G-E-QFP100 Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
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