



SILICON LABS

Energy Micro (Silicon Labs)



EFM32LG980F256-QFP100

Part Number:	EFM32LG980F256-QFP100
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB FLASH 100LQFP
Datasheets:	 EFM32LG980F256-QFP100.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5098 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

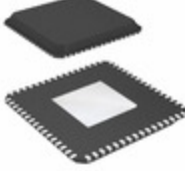
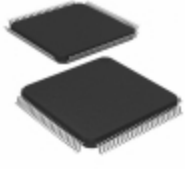
Specifications of EFM32LG980F256-QFP100

PART NUMBER	EFM32LG980F256-QFP100
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5098 pcs
DATA SHEET	 EFM32LG980F256-QFP100.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	48MHz
SERIES	Leopard Gecko
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-LQFP
OTHER NAMES	914-1058-2 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 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) EFM32LG980F256-QFP100	EFM32LG980F256-QFP100 Distributor	EFM32LG980F256-QFP100 Supplier
EFM32LG980F256-QFP100 Price	EFM32LG980F256-QFP100 Pictures	EFM32LG980F256-QFP100 Image
EFM32LG980F256-QFP100 PDF Datasheet	EFM32LG980F256-QFP100 Download Datasheet	EFM32LG980F256-QFP100 Datasheet
EFM32LG980F256-QFP100 Stock	Buy EFM32LG980F256-QFP100	Buy Energy Micro (Silicon Labs) EFM32LG980F256-QFP100
Energy Micro (Silicon Labs) EFM32LG980F256-QFP100	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32LG980F256-QFP100	Energy Micro EFM32LG980F256-QFP100	Energy Micro (Silicon Labs) EFM32LG980F256-QFP100
Silicon Laboratories EFM32LG980F256-QFP100	Silicon Labs EFM32LG980F256-QFP100	

Related Products

 SILICON LABS EFM32LG980F256G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 20591 pcs RFQ	 SILICON LABS EFM32LG980F64-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 100LQFP In stock: 3601 pcs RFQ
 SILICON LABS EFM32LG980F64-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 100LQFP In stock: 5986 pcs RFQ	 EFM32LG942F64G-E-QFP64R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: 35615 pcs RFQ
 SILICON LABS EFM32LG980F256G-E-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 19804 pcs RFQ	 EFM32LG980F128-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 5392 pcs RFQ
 SILICON LABS EFM32LG980F256-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 5417 pcs RFQ	 SILICON LABS EFM32LG980F128-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 3479 pcs RFQ
 SILICON LABS EFM32LG980F128G-E-QFP100R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 26353 pcs RFQ	 SILICON LABS EFM32LG942F64G-E-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: 32233 pcs RFQ
 SILICON LABS EFM32LG980F128G-E-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 19852 pcs RFQ	 SILICON LABS EFM32LG980F64G-E-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 100LQFP In stock: 23585 pcs RFQ