

EFM32LG280F256-QFP100T



SILICON LABS



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Part Number: [EFM32LG280F256-QFP100T](#)

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

Description: IC MCU 32BIT 256KB FLASH 100LQFP

Data sheet:  [EFM32LG Ref Manual](#)
 [EFM32\(LG\) Errata](#)
 [EFM32\(LG\) Family Datasheet](#)

RoHS Status: Lead free / RoHS Compliant

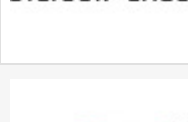
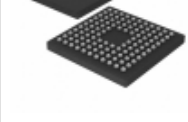
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PRODUCT PARAMETER			
Part Number	EFM32LG280F256-QFP100T	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4981 pcs	Data sheet	EFM32LG Ref Manual EFM32(LG) Errata EFM32(LG) Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
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, POR, PWM, WDT
Packaging	Tray	Package / Case	100-LQFP
Other Names	EFM32LG280F256-QFP100-T EFM32LG280F256-T EFM32LG280F256-T-ND	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	86
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
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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