

EFM32LG842F256-QFP64



Part Number: [EFM32LG842F256-QFP64](#)
Manufacturer: [Energy Micro \(Silicon Labs\)](#)
Description: IC MCU 32BIT 256KB FLASH 64TQFP
Data sheet: [EFM32\(LG\) Family Datasheet](#)

RoHS Status: Lead free / RoHS Compliant
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PRODUCT PARAMETER			
Part Number	EFM32LG842F256-QFP64	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5522 pcs	Data sheet	EFM32(LG) Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Supplier Device Package	64-TQFP (10x10)	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	Cut Tape (CT)
Package / Case	64-LQFP	Other Names	914-1077-1
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	53	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 64-TQFP (10x10)	Data Converters	A/D 8x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M3
Connectivity	IPC, IrDA, SmartCard, SPI, UART/USART		

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