

EFM32LG942F128-QFP64



SILICON LABS



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Part Number: EFM32LG942F128-QFP64

Manufacturer: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 128KB FLASH 64TQFP

Data sheet:  [EFM32\(LG\) Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EFM32LG942F128-QFP64	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 128KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4498 pcs	Data sheet	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	128KB (128K x 8)	Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
Packaging	Tape & Reel (TR)	Package / Case	64-TQFP
Other Names	EFM32LG942F128 EFM32LG942F128-ND	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	50
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 128KB (128K x 8) FLASH
Data Converters	A/D 8x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	PC, IrDA, SmartCard, SPI, UART/USART, USB
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