

EFM32LG840F128G-E-QFN64R



SILICON LABS



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Part Number:

EFM32LG840F128G-E-QFN64R

Manufacturer:

Energy Micro (Silicon Labs)

Description:

IC MCU 32BIT 128KB FLASH 64QFN

Data sheet:

 EFM32LG Ref Manual

 EFM32LG840 Errata, Chip rev. E

 EFM32(LG) Errata

 EFM32LG840 Errata History

 EFM32(LG) Family Datasheet

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

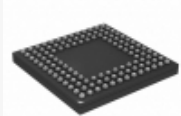
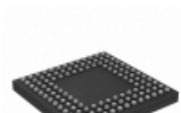
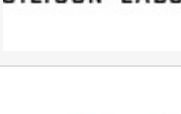
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PRODUCT PARAMETER			
Part Number	EFM32LG840F128G-E-QFN64R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 128KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	32496 pcs	Data sheet	EFM32LG Ref Manual EFM32LG840 Errata, Chip rev. E EFM32(LG) Errata EFM32LG840 Errata History EFM32(LG) Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Supplier Device Package	64-QFN (9x9)	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-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	56
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	6 Weeks
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 64-QFN (9x9)	Data Converters	A/D 8x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M3
Connectivity	I²C, IrDA, SmartCard, SPI, UART/USART		
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	Part#: EFM32LG395F64G-E-BGA120R Description: IC MCU 32BIT 64KB FLASH 120BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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