

EFM32G842F64G-E-QFP64



SILICON LABS



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Part Number: [EFM32G842F64G-E-QFP64](#)

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

Description: 64K FLASH, 16K RAM, 4X22 LCD, AE

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

RoHs Status: Lead free / RoHS Compliant

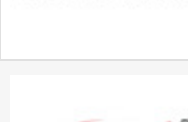
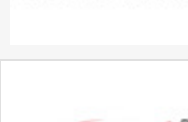
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PRODUCT PARAMETER			
Part Number	EFM32G842F64G-E-QFP64	Manufacturer	Energy Micro (Silicon Labs)
Description	64K FLASH, 16K RAM, 4X22 LCD, AE	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	38904 pcs	Data sheet	EFM32(G) Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.98 V ~ 3.8 V
Speed	32MHz	Series	Gecko
RAM Size	16K x 8	Program Memory Type	FLASH
Program Memory Size	64KB (64K x 8)	Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	53	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 Gecko Microcontroller IC 32-Bit 32MHz 64KB (64K x 8) FLASH
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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 SILICON LABS	Part#: EFM32G880F128-QFP100 Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: EFM32G880F32G-E-QFP100 Description: 32K FLASH, 8K RAM, 4X40 LCD, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: EFM32G880F64-QFP100 Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: EFM32G842F64-QFP64T Description: IC MCU 32BIT 64KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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