

EFM32G842F128G-E-QFP64



SILICON LABS



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Part Number: [EFM32G842F128G-E-QFP64](#)

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

Description: 128K FLASH, 16K RAM, 4X22 LCD, A

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

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EFM32G842F128G-E-QFP64	Manufacturer	Energy Micro (Silicon Labs)
Description	128K FLASH, 16K RAM, 4X22 LCD, A	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	35575 pcs	Data sheet	EFM32(G) Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.98 V ~ 3.8 V
Supplier Device Package	64-TQFP (10x10)	Speed	32MHz
Series	Gecko	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	64-TQFP	Other Names	336-4251 EFM32G842F128G-E-QFP64-ND
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 128KB (128K x 8) FLASH 64-TQFP (10x10)
Data Converters	A/D 8x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	PC, IrDA, SmartCard, SPI, UART/USART
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	Part#: EFM32G840F32G-E-QFN64 Description: 32K FLASH, 8K RAM, 4X24 LCD, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32G840F64-QFN64 Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G840F32G-E-QFN64R Description: 32K FLASH, 8K RAM, 4X24 LCD, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32G842F32-QFP64T Description: IC MCU 32BIT 32KB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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