

EFM32GG842F1024-QFP64



SILICON LABS



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Part Number:

EFM32GG842F1024-QFP64

Manufacturer:

Energy Micro (Silicon Labs)

Description:

IC MCU 32BIT 1MB FLASH 64TQFP

Data sheet:

 [EFM32GG842](#)

 [EFM32GG Ref Manual](#)

 [EFM32 Product Introduction](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

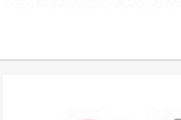
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PRODUCT PARAMETER				
Part Number	EFM32GG842F1024-QFP64		Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 1MB FLASH 64TQFP		Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15901 pcs		Data sheet	EFM32GG842 EFM32GG Ref Manual EFM32 Product Introduction
Category	Integrated Circuits (ICs)		Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Supplier Device Package	64-TQFP (10x10)		Speed	48MHz
Series	Giant Gecko		RAM Size	128K x 8
Program Memory Type	FLASH		Program Memory Size	1MB (1M x 8)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT		Packaging	Tape & Reel (TR)
Package / Case	64-TQFP		Other Names	914-1066-2 EFM32GG842F1024 EFM32GG842F1024-ND
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 Giant Gecko Microcontroller IC 32-Bit 48MHz 1MB (1M x 8) FLASH 64-TQFP (10x10)		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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