

EFM32GG842F1024G-E-QFP64R



SILICON LABS



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Part Number: [EFM32GG842F1024G-E-QFP64R](#)

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

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PRODUCT PARAMETER			
Part Number	EFM32GG842F1024G-E-QFP64R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 1MB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14189 pcs	Data sheet	EFM32GG842 EFM32GG Ref Manual EFM32 Product Introduction
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.98 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	Original-Reel®
Package / Case	64-TQFP	Other Names	336-3886-6
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 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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 SILICON LABS	Part#: EFM32GG842F1024-QFP64 Description: IC MCU 32BIT 1MB FLASH 64TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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