

EFM32GG942F1024G-E-QFP64



SILICON LABS



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Part Number: [EFM32GG942F1024G-E-QFP64](#)

Manufacturer: [Silicon Labs](#)

Description: IC MCU 32BIT 1MB FLASH 64TQFP

Data sheet:  [EFM32 Product Introduction](#)
 [EFM32GG942](#)
 [EFM32GG Ref Manual](#)

RoHs Status: Lead free / RoHS Compliant

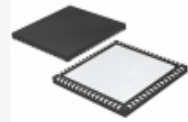
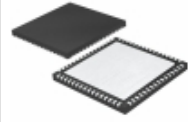
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PRODUCT PARAMETER			
Part Number	EFM32GG942F1024G-E-QFP64	Manufacturer	Silicon Labs
Description	IC MCU 32BIT 1MB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14922 pcs	Data sheet	EFM32 Product Introduction EFM32GG942 EFM32GG Ref Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	FLASH
Voltage - Breakdown	64-TQFP (10x10)	Series	Giant Gecko
RoHS Status	Tray	Reverse Recovery Time (trr)	48MHz
Requires	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Program Memory Type	1MB (1M x 8)
Program Memory Size	I²C, IrDA, SmartCard, SPI, UART/USART	Polarization	64-TQFP
Oscillator Type	A/D 8x12b, D/A 2x12b	Operating Temperature	-40°C ~ 85°C (TA)
Operating System	ARM® Cortex®-M3	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 Weeks	Manufacturer Part Number	EFM32GG942F1024G-E-QFP64
Expanded Description	ARM® Cortex®-M3 Giant Gecko Microcontroller IC 32-Bit 48MHz 1MB (1M x 8) FLASH 64-TQFP (10x10)	Description	IC MCU 32BIT 1MB FLASH 64TQFP
Data SRAM Bytes	-	Data Converters	1.98 V ~ 3.8 V
Core Size	128K x 8	Controller Series	Internal
Connectivity	32-Bit	Clock Rate	50
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	Part#: EFM32GG940F1024G-E-QFN64R Description: IC MCU 32BIT 1MB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32GG940F512-QFN64 Description: IC MCU 32BIT 512KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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