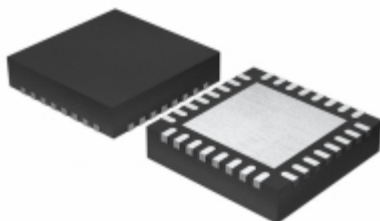


EFM32HG310F64G-A-QFN32



**SILICON LABS**

Part Number: [EFM32HG310F64G-A-QFN32](#)

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

Description: IC MCU 32BIT 64KB FLASH 32QFN

Data sheet:  [EFM32HG310](#)
 [EFM32 Product Introduction](#)

RoHs Status: Lead free / RoHS Compliant

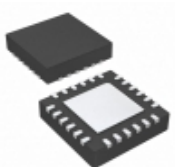
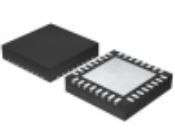
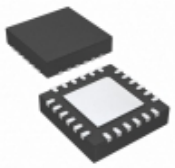
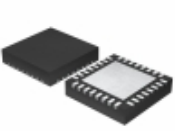
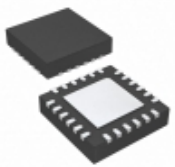
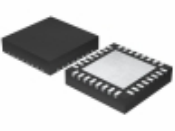
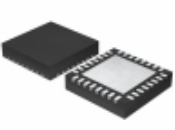
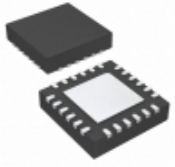
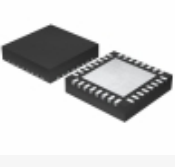
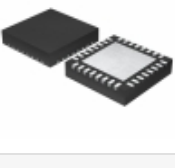
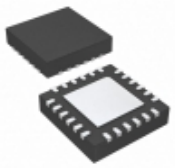
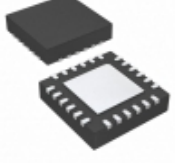
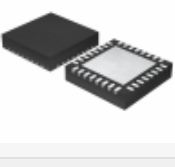
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER		
Part Number	EFM32HG310F64G-A-QFN32	Manufacturer Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 64KB FLASH 32QFN	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	54003 pcs	Data sheet EFM32HG310 EFM32 Product Introduction
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)1.98 V ~ 3.8 V
Supplier Device Package	32-QFN (6x6)	Speed25MHz
Series	Happy Gecko	RAM Size8K x 8
Program Memory Type	FLASH	Program Memory Size64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	PackagingTray
Package / Case	32-VQFN Exposed Pad	Other Names336-3209
Oscillator Type	Internal	Operating Temperature-40°C ~ 85°C (TA)
Number of I/O	22	Moisture Sensitivity Level (MSL)6 (Time on Label)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size-
Detailed Description	ARM® Cortex®-M0+ Happy Gecko Microcontroller IC 32-Bit 25MHz 64KB (64K x 8) FLASH 32-QFN (6x6)	Data ConvertersA/D 4x12b
Core Size	32-Bit	Core ProcessorARM® Cortex®-M0+
Connectivity	I ² C, IrDA, SmartCard, SPI, UART/USART, USB	
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	Part#: EFM32HG321F64G-A-QFP48R Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32HG310F64G-A-QFN32R Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs) RFQ
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	Part#: EFM32HG321F32G-B-QFP48R Description: IC MCU 32BIT 32KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32HG310F32G-B-QFN32R Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32HG309F32G-B-QFN24 Description: IC MCU 32BIT 32KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs) RFQ
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	Part#: EFM32HG309F64G-A-QFN24R Description: IC MCU 32BIT 64KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32HG321F64G-A-QFP48 Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32HG321F64G-B-QFP48 Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32HG309F64G-B-QFN24R Description: IC MCU 32BIT 64KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32HG321F32G-A-QFP48R Description: IC MCU 32BIT 32KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32HG321F32G-A-QFP48 Description: IC MCU 32BIT 32KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32HG310F32G-B-QFN32 Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs) RFQ

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