

EFM32HG310F32G-A-QFN32



**SILICON LABS**

Part Number: [EFM32HG310F32G-A-QFN32](#)

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

Description: IC MCU 32BIT 32KB FLASH 32QFN

Data sheet:  [EFM32HG310 Preliminary](#)

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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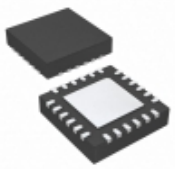
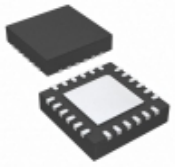
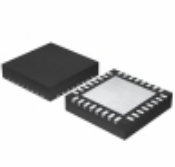
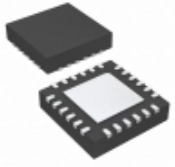
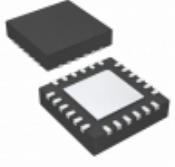
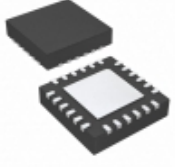
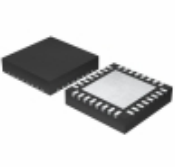
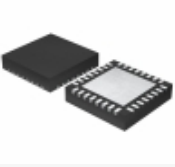
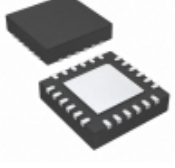
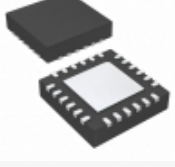
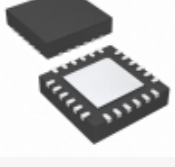
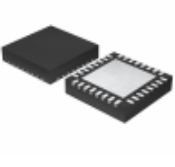
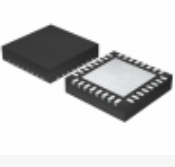
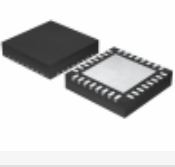
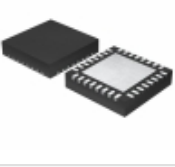
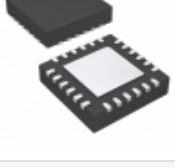
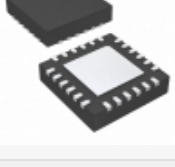
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PRODUCT PARAMETER	
Part Number	EFM32HG310F32G-A-QFN32
Description	IC MCU 32BIT 32KB FLASH 32QFN
Quantity Available	42883 pcs
Category	Integrated Circuits (ICs)
Supplier Device Package	32-QFN (6x6)
Series	Happy Gecko
Program Memory Type	FLASH
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
Package / Case	32-VQFN Exposed Pad
Oscillator Type	Internal
Number of I/O	22
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	ARM® Cortex®-M0+ Happy Gecko Microcontroller IC 32-Bit 25MHz 32KB (32K x 8) FLASH 32-QFN (6x6)
Core Size	32-Bit
Connectivity	I ² C, IrDA, SmartCard, SPI, UART/USART, USB

Manufacturer	Energy Micro (Silicon Labs)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	EFM32HG310 Preliminary
Voltage - Supply (Vcc/Vdd)	1.98 V ~ 3.8 V
Speed	25MHz
RAM Size	8K x 8
Program Memory Size	32KB (32K x 8)
Packaging	Tray
Other Names	336-3208
Operating Temperature	-40°C ~ 85°C (TA)
Moisture Sensitivity Level (MSL)	6 (Time on Label)
EEPROM Size	-
Data Converters	A/D 4x12b
Core Processor	ARM® Cortex®-M0+

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	Part#: EFM32HG321F32G-A-QFP48 Description: IC MCU 32BIT 32KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs) RFQ
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