

EFM32HG321F32G-B-QFP48R



**SILICON LABS**

Part Number: [EFM32HG321F32G-B-QFP48R](#)

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

Description: IC MCU 32BIT 32KB FLASH 48TQFP

Data sheet:  [EFM32HG321](#)
 [EFM32 Product Introduction](#)

RoHs Status: Lead free / RoHS Compliant

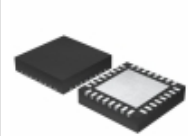
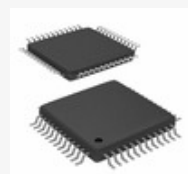
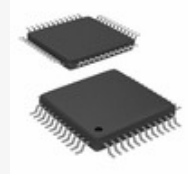
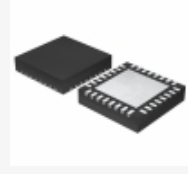
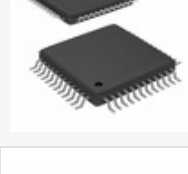
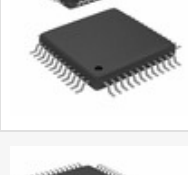
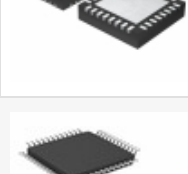
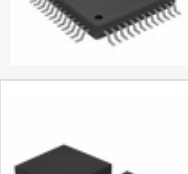
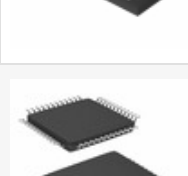
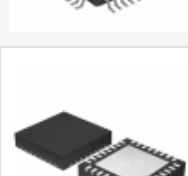
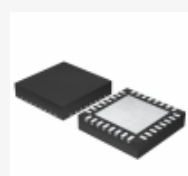
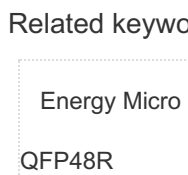
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EFM32HG321F32G-B-QFP48R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 32KB FLASH 48TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	49593 pcs	Data sheet	EFM32HG321 EFM32 Product Introduction
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.98 V ~ 3.8 V
Supplier Device Package	48-TQFP (7x7)	Speed	25MHz
Series	Happy Gecko	RAM Size	8K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (32K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	35
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®-M0+ Happy Gecko Microcontroller IC 32-Bit 25MHz 32KB (32K x 8) FLASH 48-TQFP (7x7)	Data Converters	A/D 4x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	I ² C, IrDA, SmartCard, SPI, UART/USART, USB		
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	Part#: EFM32HG321F64G-A-QFP48 Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32HG322F64G-A-QFP48R Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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