

EFM32HG222F32G-A-QFP48



**SILICON LABS**

Part Number: [EFM32HG222F32G-A-QFP48](#)

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

Description: IC MCU 32BIT 32KB FLASH 48TQFP

Data sheet:  [EFM32HG222 Preliminary](#)

RoHs Status: Lead free / RoHS Compliant

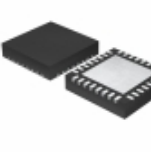
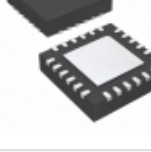
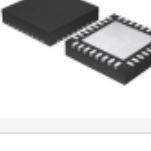
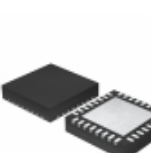
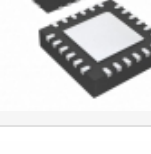
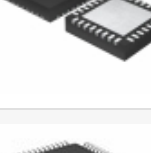
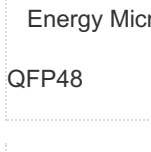
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PRODUCT PARAMETER				
Part Number	EFM32HG222F32G-A-QFP48	Manufacturer	Energy Micro (Silicon Labs)	
Description	IC MCU 32BIT 32KB FLASH 48TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant	
Quantity Available	54470 pcs	Data sheet	EFM32HG222 Preliminary	
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	4K 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	Tray	
Package / Case	48-TQFP	Other Names	336-3202	
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)	
Number of I/O	37	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 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			
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	Part#: EFM32HG308F32G-A-QFN24 Description: IC MCU 32BIT 32KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs) RFQ
	Part#: EFM32HG210F32G-A-QFN32R Description: IC MCU 32BIT 32KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs) RFQ
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