

EFM32HG222F32G-A-QFP48R



**SILICON LABS**

Part Number: [EFM32HG222F32G-A-QFP48R](#)

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

Description: IC MCU 32BIT 32KB FLASH 48TQFP

Data sheet:  [EFM32HG222 Preliminary](#)

RoHs Status: Lead free / RoHS Compliant

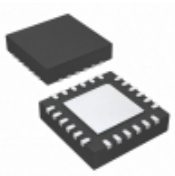
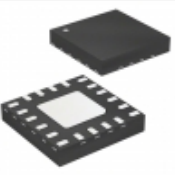
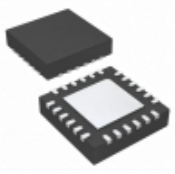
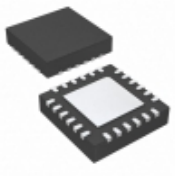
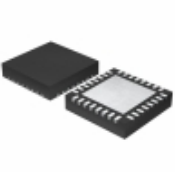
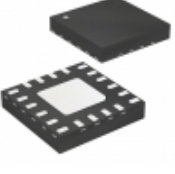
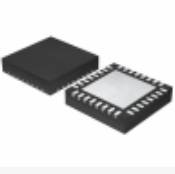
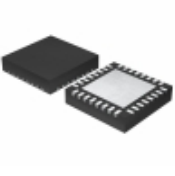
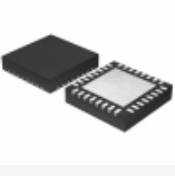
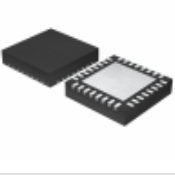
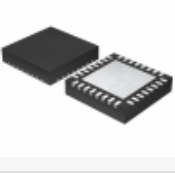
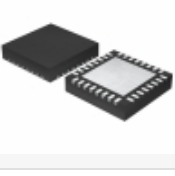
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PRODUCT PARAMETER			
Part Number	EFM32HG222F32G-A-QFP48R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 32KB FLASH 48TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	60988 pcs	Data sheet	EFM32HG222 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	Tape & Reel (TR)
Package / Case	48-TQFP	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#: EFM32HG222F64G-A-QFP48 Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32HG308F32G-B-QFN24 Description: IC MCU 32BIT 32KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32HG210F64G-A-QFN32 Description: IC MCU 32BIT 64KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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