

EFM32G222F64G-E-QFP48R



**SILICON LABS**

Part Number: [EFM32G222F64G-E-QFP48R](#)

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

Description: 64K FLASH, 16K RAM, AES

Data sheet:  [EFM32\(G\) Family Datasheet](#)
 [EFM32G Reference Manual](#)

RoHs Status: Lead free / RoHS Compliant

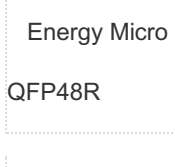
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PRODUCT PARAMETER			
Part Number	EFM32G222F64G-E-QFP48R	Manufacturer	Energy Micro (Silicon Labs)
Description	64K FLASH, 16K RAM, AES	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	60301 pcs	Data sheet	EFM32(G) Family Datasheet EFM32G Reference Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.98 V ~ 3.8 V
Supplier Device Package	48-TQFP (7x7)	Speed	32MHz
Series	Gecko	RAM Size	16K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (64K x 8)
Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-TQFP	Other Names	336-4245-2 EFM32G222F64G-E-QFP48R-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	37	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®-M3 Gecko Microcontroller IC 32-Bit 32MHz 64KB (64K x 8) FLASH 48-TQFP (7x7)
Data Converters	A/D 4x12b, D/A 1x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	I²C, IrDA, SmartCard, SPI, UART/USART
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	Part#: EFM32G222F128G-E-QFP48 Description: 128K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G222F32-QFP48 Description: IC MCU 32BIT 32KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G222F128-QFP48T Description: IC MCU 32BIT 128KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32G222F32G-E-QFP48R Description: 32K FLASH, 8K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G222F64-QFP48T Description: IC MCU 32BIT 64KB FLASH 48TQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G230F128G-E-QFN64R Description: 128K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G230F32G-E-QFN64R Description: 32K FLASH, 8K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32G222F32G-E-QFP48 Description: 32K FLASH, 8K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G230F64-QFN64 Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G230F128-QFN64T Description: IC MCU 32BIT 128KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G230F128G-E-QFN64 Description: 128K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G230F64-QFN64T Description: IC MCU 32BIT 64KB FLASH 64QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G230F32G-E-QFN64 Description: 32K FLASH, 8K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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