

EFM32G280F32G-E-QFP100R



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Part Number: [EFM32G280F32G-E-QFP100R](#)

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

Description: 32K FLASH, 8K RAM, AES

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

RoHs Status: Lead free / RoHS Compliant

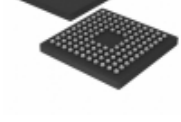
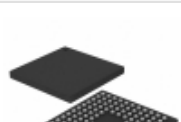
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PRODUCT PARAMETER			
Part Number	EFM32G280F32G-E-QFP100R	Manufacturer	Energy Micro (Silicon Labs)
Description	32K FLASH, 8K RAM, AES	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	49337 pcs	Data sheet	EFM32(G) Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.98 V ~ 3.8 V
Speed	32MHz	Series	Gecko
RAM Size	8K x 8	Program Memory Type	FLASH
Program Memory Size	32KB (32K x 8)	Peripherals	Brown-out Detect/Reset, DMA, POR, PWM, WDT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	86	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 32KB (32K x 8) FLASH
Data Converters	A/D 8x12b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	EBI/EMI, I²C, IrDA, SmartCard, SPI, UART/USART
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	Part#: EFM32G280F128G-E-QFP100R Description: 128K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G290F128G-E-BGA112 Description: 128K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G280F128-QFP100T Description: IC MCU 32BIT 128KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32G290F128G-E-BGA112R Description: 128K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32G280F64G-E-QFP100R Description: 64K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G280F32-QFP100T Description: IC MCU 32BIT 32KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G290F32-BGA112 Description: IC MCU 32BIT 32KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32G280F64-QFP100 Description: IC MCU 32BIT 64KB FLASH 100LQFP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G280F32G-E-QFP100 Description: 32K FLASH, 8K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G232F64G-E-QFP64R Description: 64K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G280F64G-E-QFP100 Description: 64K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G290F128-BGA112 Description: IC MCU 32BIT 128KB FLASH 112BGA	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G280F128G-E-QFP100 Description: 128K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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