

EFM32G280F32-QFP100T



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Part Number: [EFM32G280F32-QFP100T](#)

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

Description: IC MCU 32BIT 32KB FLASH 100LQFP

Data sheet:  [EFM32\(G\) Family Datasheet](#)
 [EFM32G Reference Manual](#)
 [EFM32G280 Errata](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EFM32G280F32-QFP100T	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 32KB FLASH 100LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	35654 pcs	Data sheet	EFM32(G) Family Datasheet EFM32G Reference Manual EFM32G280 Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Supplier Device Package	100-LQFP (14x14)	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	Packaging	Tray
Package / Case	100-LQFP	Other Names	EFM32G280F32-QFP100-T EFM32G280F32-T EFM32G280F32-T-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	86	Moisture Sensitivity Level (MSL)	3 (168 Hours)
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 100-LQFP (14x14)	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#: EFM32G280F64G-E-QFP100 Description: 64K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G280F64G-E-QFP100R Description: 64K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32G280F128G-E-QFP100R Description: 128K FLASH, 16K RAM, AES	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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