

EFM32PG1B100F256IM32-C0



SILICON LABS



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Part Number: [EFM32PG1B100F256IM32-C0](#)

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

Description: IC MCU 32BIT 256KB FLASH 32QFN

Data sheet:  [EFM32PG1 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

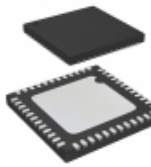
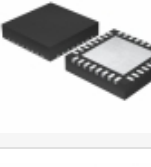
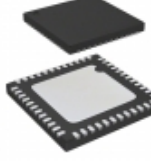
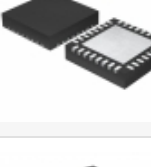
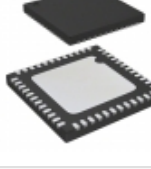
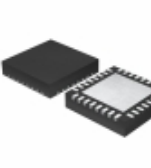
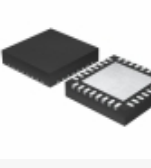
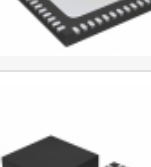
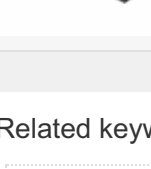
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PRODUCT PARAMETER			
Part Number	EFM32PG1B100F256IM32-C0	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31457 pcs	Data sheet	EFM32PG1 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Speed	40MHz	Series	Pearl Gecko
RAM Size	32K x 8	Program Memory Type	FLASH
Program Memory Size	256KB (256K x 8)	Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 125°C (TJ)
Number of I/O	24	Moisture Sensitivity Level (MSL)	2 (1 Year)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M4 Pearl Gecko Microcontroller IC 32-Bit 40MHz 256KB (256K x 8) FLASH
Data Converters	A/D 24x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	I ² C, IrDA, LINbus, SmartCard, SPI, UART/USART
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	Part#: EFM32PG1B200F128GM32-C0R Description: IC MCU 32BIT 128KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32PG1B100F256GM32-B0R Description: IC MCU 32BIT 256KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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