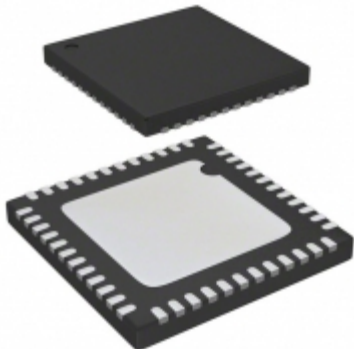


EFM32PG1B200F256GM48-B0





SILICON LABS

Part Number:

EFM32PG1B200F256GM48-B0

Manufacturer:

Energy Micro (Silicon Labs)

Description:

IC MCU 32BIT 256KB FLASH 48QFN

Data sheet:

 [EFM32PG1 Datasheet](#)

 [EFM32PG1 Reference Manual](#)

 [EFM32PG1 Errata](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

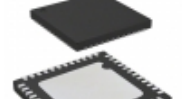
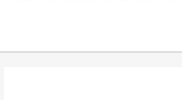
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	EFM32PG1B200F256GM48-B0	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	38425 pcs	Data sheet	EFM32PG1 Datasheet EFM32PG1 Reference Manual EFM32PG1 Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Supplier Device Package	48-QFN (7x7)	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	Packaging	Tray
Package / Case	48-VFQFN Exposed Pad	Other Names	336-3482
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	32	Moisture Sensitivity Level (MSL)	6 (Time on Label)
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 48-QFN (7x7)	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#: EFM32PG1B200F256IM48-C0R Description: IC MCU 32BIT 256KB FLASH 48QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32TG108F16-QFN24 Description: IC MCU 32BIT 16KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32PG1B200F128GM32-C0R Description: IC MCU 32BIT 128KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32PG1B200F128GM48-C0 Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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