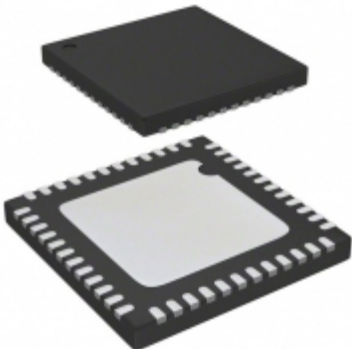


EFM32PG1B200F128GM48-C0





SILICON LABS

Part Number: EFM32PG1B200F128GM48-C0

Manufacturer: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 128KB FLASH 48QFN

Data sheet:  [EFM32PG1 Datasheet](#)
 [EFM32PG1 Reference Manual](#)
 [EFM32PG1 Errata](#)

RoHs Status: Lead free / RoHS Compliant

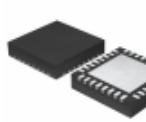
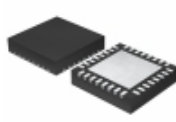
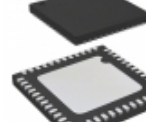
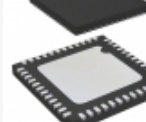
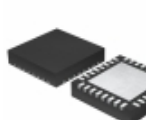
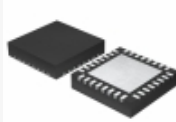
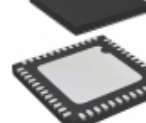
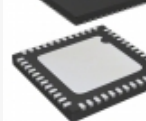
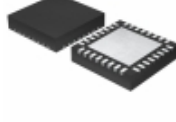
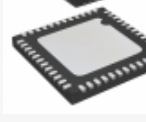
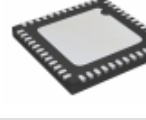
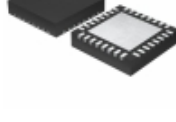
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	EFM32PG1B200F128GM48-C0	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 128KB FLASH 48QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	50141 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	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	48-VFQFN Exposed Pad	Other Names	336-3785
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	32	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 128KB (128K 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#: EFM32PG1B100F256GM32-C0 Description: IC MCU 32BIT 256KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32PG1B200F128GM48-C0R Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32PG1B200F256GM48-C0R Description: IC MCU 32BIT 256KB FLASH 48QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32PG1B200F256GM32-C0 Description: IC MCU 32BIT 256KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32PG1B200F128GM32-B0R Description: IC MCU 32BIT 128KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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