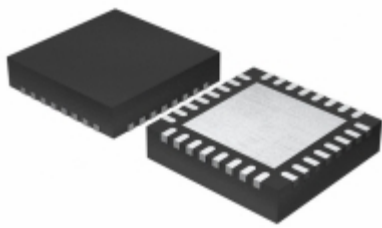


EFM32JG1B100F256GM32-B0R





SILICON LABS

Part Number: [EFM32JG1B100F256GM32-B0R](#)

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

Description: IC MCU 32BIT 256KB FLASH 32QFN

Data sheet:  [EFM32JG1 Errata](#)
 [EFM32JG1 Reference Manual](#)
 [EFM32JG1 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

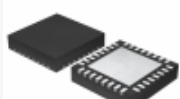
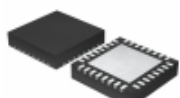
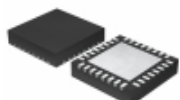
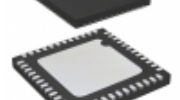
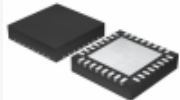
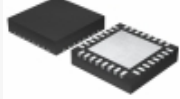
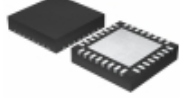
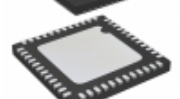
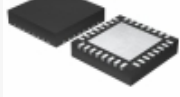
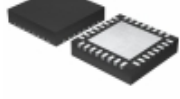
Ship From: Hong Kong

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	EFM32JG1B100F256GM32-B0R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 32QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5929 pcs	Data sheet	EFM32JG1 Errata EFM32JG1 Reference Manual EFM32JG1 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Supplier Device Package	32-QFN (5x5)	Speed	40MHz
Series	Jade 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	Tape & Reel (TR)
Package / Case	32-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	20
Moisture Sensitivity Level (MSL)	2 (1 Year)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M3 Jade Gecko Microcontroller IC 32-Bit 40MHz 256KB (256K x 8) FLASH 32-QFN (5x5)
Data Converters	A/D 24x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	PC, IrDA, LINbus, SmartCard, SPI, UART/USART
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RELATED PRODUCTS			
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	Part#: EFM32JG1B100F256GM32-C0 Description: IC MCU 32BIT 256KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG1B200F128GM32-C0R Description: IC MCU 32BIT 128KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: EFM32JG12B500F1024IM48-BR Description: IC MCU 32BIT 1MB FLASH 48QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG1B200F128GM32-C0 Description: IC MCU 32BIT 128KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG1B200F128GM48-B0 Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG12B500F1024IM48-CR Description: JADE M3 QFN48 I-GRADE	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG12B500F1024IL125-CR Description: JADE M3 BGA125 I-GRADE	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG1B100F128GM32-C0 Description: IC MCU 32BIT 128KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG1B100F128GM32-B0R Description: IC MCU 32BIT 128KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG1B100F256IM32-C0 Description: IC MCU 32BIT 256KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG1B200F128GM48-B0R Description: IC MCU 32BIT 128KB FLASH 48QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG1B200F128GM32-B0 Description: IC MCU 32BIT 128KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG1B100F256GM32-B0 Description: IC MCU 32BIT 256KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG12B500F1024IM48-B Description: IC MCU 32BIT 1MB FLASH 48QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG12B500F1024IM48-C Description: JADE M3 QFN48 I-GRADE	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: EFM32JG1B100F256IM32-C0R Description: IC MCU 32BIT 256KB FLASH 32QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ

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