



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFM32PG1B100F256GM32-B0R

Part Number:	EFM32PG1B100F256GM32-B0R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB FLASH 32QFN
	 1.EFM32PG1B100F256GM32-B0R.pdf
	 2.EFM32PG1B100F256GM32-B0R.pdf
	 3.EFM32PG1B100F256GM32-B0R.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	4910 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

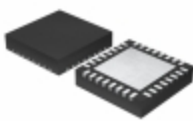
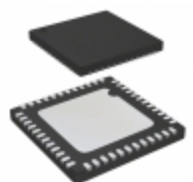
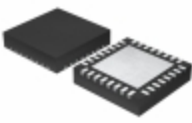
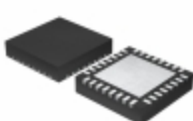
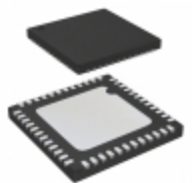
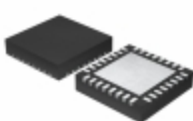
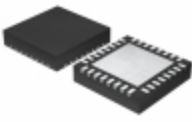
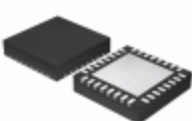
Specifications of EFM32PG1B100F256GM32-B0R

PART NUMBER	EFM32PG1B100F256GM32-B0R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4910 pcs
DATA SHEET	 1.EFM32PG1B100F256GM32-B0R.pdf  2.EFM32PG1B100F256GM32-B0R.pdf  3.EFM32PG1B100F256GM32-B0R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	32-QFN (5x5)
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, I²S, 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	24
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
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 32-QFN (5x5)
DATA CONVERTERS	A/D 24x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, LINbus, SmartCard, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) EFM32PG1B100F256GM32-B0R	EFM32PG1B100F256GM32-B0R Distributor	EFM32PG1B100F256GM32-B0R Supplier
EFM32PG1B100F256GM32-B0R Price	EFM32PG1B100F256GM32-B0R Pictures	EFM32PG1B100F256GM32-B0R Image
EFM32PG1B100F256GM32-B0R PDF Datasheet	EFM32PG1B100F256GM32-B0R Download Datasheet	EFM32PG1B100F256GM32-B0R Datasheet
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Silicon Laboratories EFM32PG1B100F256GM32-B0R	Silicon Labs EFM32PG1B100F256GM32-B0R	

Related Products

 EFM32PG1B100F128GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 45517 pcs RFQ	 EFM32PG1B100F128GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 45271 pcs RFQ
 EFM32PG12B500F1024IM48-C Manufacturers: Energy Micro (Silicon Labs) Description: PEARL M4 QFN48 I-GRADE In stock: 19200 pcs RFQ	 EFM32PG1B100F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 28171 pcs RFQ
 EFM32PG1B200F128GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 34533 pcs RFQ	 EFM32PG12B500F1024IM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: PEARL M4 QFN48 I-GRADE In stock: 19955 pcs RFQ
 EFM32PG1B100F128GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 3052 pcs RFQ	 EFM32PG1B100F256IM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 29577 pcs RFQ
 EFM32PG1B100F256GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 41798 pcs RFQ	 EFM32PG1B100F128GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 35764 pcs RFQ
 EFM32PG1B100F256IM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 32477 pcs RFQ	 EFM32PG1B200F128GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 5400 pcs RFQ