



SILICON LABS

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

Part Number:	EFM32PG1B200F256IM48-C0
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB FLASH 48QFN
Datasheets:	 EFM32PG1B200F256IM48-C0.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	30575 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

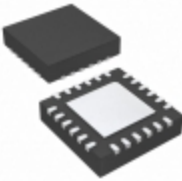
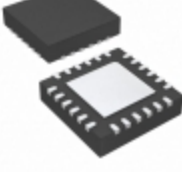
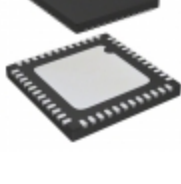
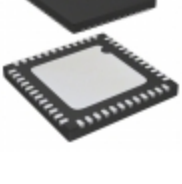
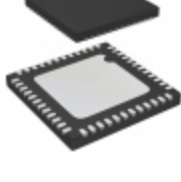
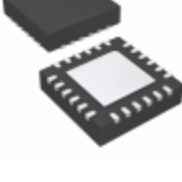
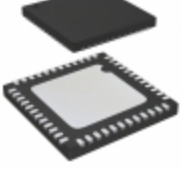
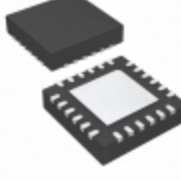
Specifications of EFM32PG1B200F256IM48-C0

PART NUMBER	EFM32PG1B200F256IM48-C0
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	30575 pcs
DATA SHEET	 EFM32PG1B200F256IM48-C0.pdf
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	32
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
DATA CONVERTERS	A/D 24x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I ² C, IrDA, LINbus, SmartCard, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) EFM32PG1B200F256IM48-C0	EFM32PG1B200F256IM48-C0 Distributor	EFM32PG1B200F256IM48-C0 Supplier
EFM32PG1B200F256IM48-C0 Price	EFM32PG1B200F256IM48-C0 Pictures	EFM32PG1B200F256IM48-C0 Image
EFM32PG1B200F256IM48-C0 PDF Datasheet	EFM32PG1B200F256IM48-C0 Download Datasheet	EFM32PG1B200F256IM48-C0 Datasheet
EFM32PG1B200F256IM48-C0 Stock	Buy EFM32PG1B200F256IM48-C0	Buy Energy Micro (Silicon Labs) EFM32PG1B200F256IM48-C0
Energy Micro (Silicon Labs) EFM32PG1B200F256IM48-C0	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32PG1B200F256IM48-C0	Energy Micro EFM32PG1B200F256IM48-C0	Energy Micro (Silicon Labs) EFM32PG1B200F256IM48-C0
Silicon Laboratories EFM32PG1B200F256IM48-C0	Silicon Labs EFM32PG1B200F256IM48-C0	

Related Products

 EFM32TG-STK3300 Manufacturers: Energy Micro (Silicon Labs) Description: KIT STARTER EFM32 GECKO In stock: 3076 pcs RFQ	 EFM32TG108F32-QFN24T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 24QFN In stock: 50299 pcs RFQ
 EFM32PG1B200F256IM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 30507 pcs RFQ	 EFM32TG108F16-QFN24T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 16KB FLASH 24QFN In stock: 57221 pcs RFQ
 EFM32PG1B200F256GM48-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 29375 pcs RFQ	 EFM32PG1B200F256GM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 43712 pcs RFQ
 EFM32PG1B200F256GM48-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 5188 pcs RFQ	 EFM32TG108F16-QFN24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 16KB FLASH 24QFN In stock: 55768 pcs RFQ
 EFM32PG1B200F256IM48-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 38052 pcs RFQ	 EFM32PG1B200F256GM48-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 48QFN In stock: 30957 pcs RFQ
 EFM32TG108F32-QFN24 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 32KB FLASH 24QFN In stock: 59951 pcs RFQ	 EFM32PG1B200F256IM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 34014 pcs RFQ