



EFM32PG12B500F1024IM48-B

Part Number:	EFM32PG12B500F1024IM48-B
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 1MB FLASH 48QFN
Datasheets:	 EFM32PG12B500F1024IM48-B.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	22027 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

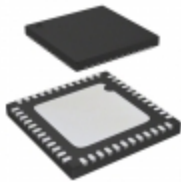
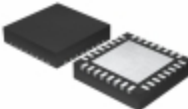
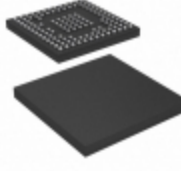
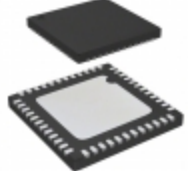
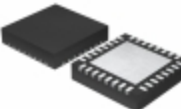
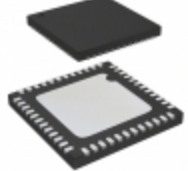
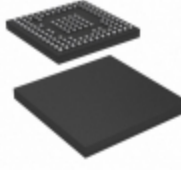
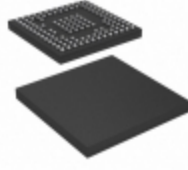
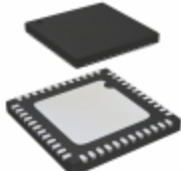
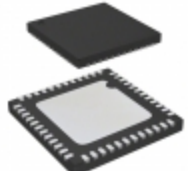
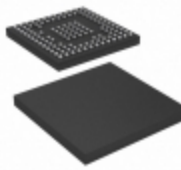
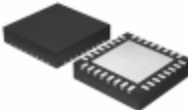
Specifications of EFM32PG12B500F1024IM48-B

PART NUMBER	EFM32PG12B500F1024IM48-B
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 1MB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	22027 pcs
DATA SHEET	 EFM32PG12B500F1024IM48-B.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	48-QFN (7x7)
SPEED	40MHz
SERIES	Pearl Gecko
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF I/O	33
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 1MB (1M x 8) FLASH 48-QFN (7x7)
DATA CONVERTERS	A/D - 12b SAR
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, LINbus, SmartCard, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) EFM32PG12B500F1024IM48-B	EFM32PG12B500F1024IM48-B Distributor	EFM32PG12B500F1024IM48-B Supplier
EFM32PG12B500F1024IM48-B Price	EFM32PG12B500F1024IM48-B Pictures	EFM32PG12B500F1024IM48-B Image
EFM32PG12B500F1024IM48-B PDF Datasheet	EFM32PG12B500F1024IM48-B Download Datasheet	EFM32PG12B500F1024IM48-B Datasheet
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Energy Micro (Silicon Labs) EFM32PG12B500F1024IM48-B	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32PG12B500F1024IM48-B	Energy Micro EFM32PG12B500F1024IM48-B	Energy Micro (Silicon Labs) EFM32PG12B500F1024IM48-B
Silicon Laboratories EFM32PG12B500F1024IM48-B	Silicon Labs EFM32PG12B500F1024IM48-B	

Related Products

 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
 EFM32PG12B500F1024IL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 125BGA In stock: 17677 pcs RFQ	 EFM32PG12B500F1024IM48-C Manufacturers: Energy Micro (Silicon Labs) Description: PEARL M4 QFN48 I-GRADE In stock: 19200 pcs RFQ
 EFM32PG1B100F128GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 35764 pcs RFQ	 EFM32PG12B500F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: PEARL M4 QFN48 G-GRADE In stock: 18504 pcs RFQ
 EFM32PG12B500F1024IL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: PEARL M4 BGA125 I-GRADE In stock: 20215 pcs RFQ	 EFM32PG12B500F1024IL125-C Manufacturers: Energy Micro (Silicon Labs) Description: PEARL M4 BGA125 I-GRADE In stock: 19990 pcs RFQ
 EFM32PG12B500F1024IM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 48QFN In stock: 24263 pcs RFQ	 EFM32PG12B500F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: PEARL M4 QFN48 G-GRADE In stock: 21741 pcs RFQ
 EFM32PG12B500F1024IL125-B Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 125BGA In stock: 22406 pcs RFQ	 EFM32PG1B100F128GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 45517 pcs RFQ