



EFM32PG12B500F1024IM48-CR

Part Number:	EFM32PG12B500F1024IM48-CR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	PEARL M4 QFN48 I-GRADE
Datasheets:	 1.EFM32PG12B500F1024IM48-CR.pdf
	 2.EFM32PG12B500F1024IM48-CR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	19955 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

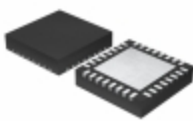
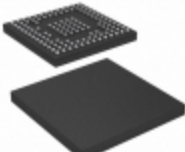
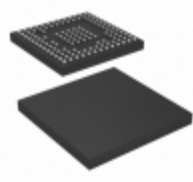
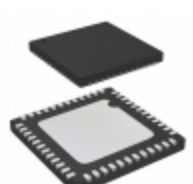
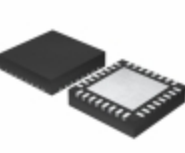
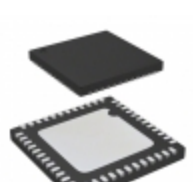
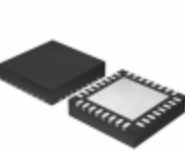
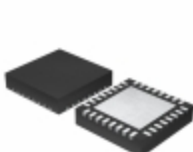
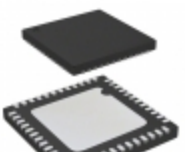
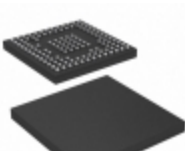
Specifications of EFM32PG12B500F1024IM48-CR

PART NUMBER	EFM32PG12B500F1024IM48-CR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	PEARL M4 QFN48 I-GRADE
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19955 pcs
DATA SHEET	 1.EFM32PG12B500F1024IM48-CR.pdf  2.EFM32PG12B500F1024IM48-CR.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	Tape & Reel (TR)
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-CR	EFM32PG12B500F1024IM48-CR Distributor	EFM32PG12B500F1024IM48-CR Supplier
EFM32PG12B500F1024IM48-CR Price	EFM32PG12B500F1024IM48-CR Pictures	EFM32PG12B500F1024IM48-CR Image
EFM32PG12B500F1024IM48-CR PDF Datasheet	EFM32PG12B500F1024IM48-CR Download Datasheet	EFM32PG12B500F1024IM48-CR Datasheet
EFM32PG12B500F1024IM48-CR Stock	Buy EFM32PG12B500F1024IM48-CR	Buy Energy Micro (Silicon Labs) EFM32PG12B500F1024IM48-CR
Energy Micro (Silicon Labs) EFM32PG12B500F1024IM48-CR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32PG12B500F1024IM48-CR	Energy Micro EFM32PG12B500F1024IM48-CR	Energy Micro (Silicon Labs) EFM32PG12B500F1024IM48-CR
Silicon Laboratories EFM32PG12B500F1024IM48-CR	Silicon Labs EFM32PG12B500F1024IM48-CR	

Related Products

 EFM32PG1B100F128GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 3052 pcs RFQ	 EFM32PG12B500F1024IL125-C Manufacturers: Energy Micro (Silicon Labs) Description: PEARL M4 BGA125 I-GRADE In stock: 19990 pcs RFQ
 EFM32PG12B500F1024IL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 125BGA In stock: 17677 pcs RFQ	 EFM32PG1B100F256GM32-C0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 28171 pcs RFQ
 EFM32PG12B500F1024IM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 48QFN In stock: 24263 pcs RFQ	 EFM32PG1B100F128GM32-B0 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 45517 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
 EFM32PG1B100F256GM32-B0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 32QFN In stock: 4910 pcs RFQ	 EFM32PG12B500F1024IM48-B Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 48QFN In stock: 22027 pcs RFQ
 EFM32PG1B100F128GM32-C0R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 32QFN In stock: 45271 pcs RFQ	 EFM32PG12B500F1024IL125-CR Manufacturers: Energy Micro (Silicon Labs) Description: PEARL M4 BGA125 I-GRADE In stock: 20215 pcs RFQ