



Energy Micro (Silicon Labs)

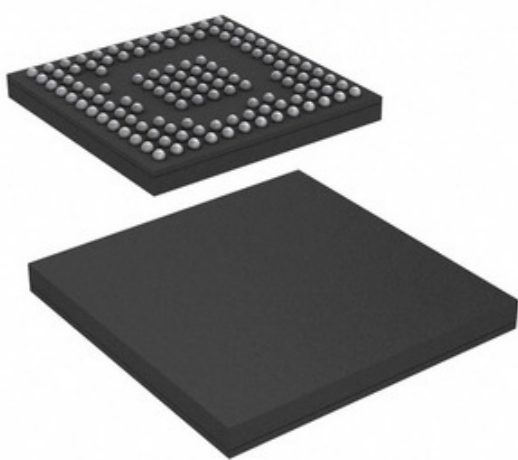


Image may be representation. See specifications for product details.

EFM32PG12B500F1024GL125-CR

Part Number:	EFM32PG12B500F1024GL125-CR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	PEARL M4 BGA125 G-GRADE
Datasheets:	 1.EFM32PG12B500F1024GL125-CR.pdf
	 2.EFM32PG12B500F1024GL125-CR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	18670 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

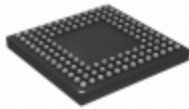
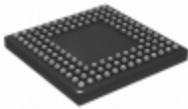
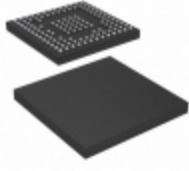
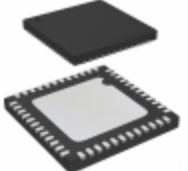
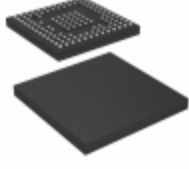
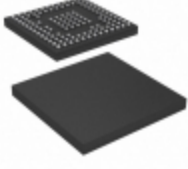
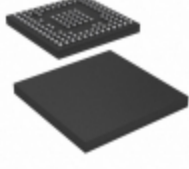
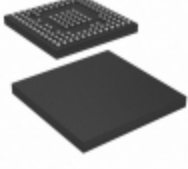
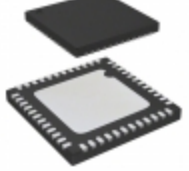
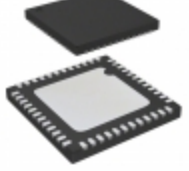
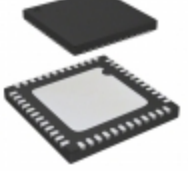
Specifications of EFM32PG12B500F1024GL125-CR

PART NUMBER	EFM32PG12B500F1024GL125-CR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	PEARL M4 BGA125 G-GRADE
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	18670 pcs
DATA SHEET	 1.EFM32PG12B500F1024GL125-CR.pdf  2.EFM32PG12B500F1024GL125-CR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	125-BGA (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	125-VFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	65
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 125-BGA (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) EFM32PG12B500F1024GL125-CR	EFM32PG12B500F1024GL125-CR Distributor	EFM32PG12B500F1024GL125-CR Supplier
EFM32PG12B500F1024GL125-CR Price	EFM32PG12B500F1024GL125-CR Pictures	EFM32PG12B500F1024GL125-CR Image
EFM32PG12B500F1024GL125-CR PDF Datasheet	EFM32PG12B500F1024GL125-CR Download Datasheet	EFM32PG12B500F1024GL125-CR Datasheet
EFM32PG12B500F1024GL125-CR Stock	Buy EFM32PG12B500F1024GL125-CR	Buy Energy Micro (Silicon Labs) EFM32PG12B500F1024GL125-CR
Energy Micro (Silicon Labs) EFM32PG12B500F1024GL125-CR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) EFM32PG12B500F1024GL125-CR	Energy Micro EFM32PG12B500F1024GL125-CR	Energy Micro (Silicon Labs) EFM32PG12B500F1024GL125-CR
Silicon Laboratories EFM32PG12B500F1024GL125-CR	Silicon Labs EFM32PG12B500F1024GL125-CR	

Related Products

 EFM32LG995F64G-E-BGA120 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 120BGA In stock: 29229 pcs RFQ	 EFM32LG995F64G-E-BGA120R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 120BGA In stock: 27543 pcs RFQ
 EFM32PG12B500F1024GL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 125BGA In stock: 22800 pcs RFQ	 EFM32PG12B500F1024GM48-C Manufacturers: Energy Micro (Silicon Labs) Description: PEARL M4 QFN48 G-GRADE In stock: 27543 pcs RFQ
 EFM32PG12B500F1024IL125-BR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 125BGA In stock: 17677 pcs RFQ	 EFM32PG12B500F1024GL125-C Manufacturers: Energy Micro (Silicon Labs) Description: PEARL M4 BGA125 G-GRADE In stock: 20899 pcs RFQ
 EFM32PG12B500F1024IL125-B Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 125BGA In stock: 22406 pcs RFQ	 EFM32PG12B500F1024GL125-B Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 125BGA In stock: 20671 pcs RFQ
 EFM32PG12B500F1024GM48-BR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 48QFN In stock: 24910 pcs RFQ	 EFM32LG995F64-BGA120T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 120BGA In stock: 4351 pcs RFQ
 EFM32PG12B500F1024GM48-CR Manufacturers: Energy Micro (Silicon Labs) Description: PEARL M4 QFN48 G-GRADE In stock: 21741 pcs RFQ	 EFM32PG12B500F1024GM48-B Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 1MB FLASH 48QFN In stock: 23227 pcs RFQ