## EFM32PG12B500F1024IL125-C Information

For Reference Only

| | |
|---|---|
| **Part Number** | EFM32PG12B500F1024IL125-C |
| **Manufacturer** | Silicon Labs |
| **Category** | Integrated Circuits (ICs) |
| | Embedded - Microcontrollers |
| **Description** | PEARL M4 BGA125 I-GRADE |
| **Package** | 125-VFBGA |

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

Request a Quote

## Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.

## EFM32PG12B500F1024IL125-C Specifications

| | |
|---|---|
| Manufacturer Part Number | EFM32PG12B500F1024IL125-C |
| Manufacturer | Silicon Labs |
| Category | Integrated Circuits (ICs) |
| | Embedded - Microcontrollers |
| Package | 125-VFBGA |
| Series | Pearl Gecko |
| Core Processor | ARM® Cortex®-M4 |
| Core Size | 32-Bit |
| Speed | 40MHz |
| Connectivity | I²C, IrDA, LINbus, SmartCard, SPI, UART/USART |
| Peripherals | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT |
| Number of I/O | 65 |
| Program Memory Size | 1MB (1M x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 256K x 8 |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 3.8 V |
| Data Converters | A/D - 12b SAR |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 125°C (TJ) |
| Mounting Type | - |
| Package / Case | 125-VFBGA |
| Supplier Device Package | 125-BGA (7x7) |

Report errors?

## EFM32PG12B500F1024IL125-C Guarantees

**Quality Guarantees**

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

**Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## EFM32PG12B500F1024IL125-C Payment Methods

## EFM32PG12B500F1024IL125-C Shipping Methods

If you have any question about EFM32PG12B500F1024IL125-C, please do not hesitate to contact us!

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E-mail: salesdept@heisener.com