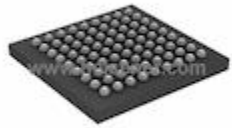


EFM32LG360F256G-E-CSP81 Information


For Reference Only

Part Number [EFM32LG360F256G-E-CSP81](#)
Manufacturer Silicon Labs
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 256KB FLASH 81CSP
Package 81-UFBGA, CSPBGA
 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.


EFM32LG360F256G-E-CSP81 Specifications

| | |
|----------------------------|--------------------------------------------------------------------------|
| Manufacturer Part Number | EFM32LG360F256G-E-CSP81 |
| Manufacturer | Silicon Labs |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| Package | 81-UFBGA, CSPBGA |
| Series | Leopard Gecko |
| Core Processor | ARM® Cortex®-M3 |
| Core Size | 32-Bit |
| Speed | 48MHz |
| Connectivity | I ² C, IrDA, SmartCard, SPI, UART/USART, USB OTG |
| Peripherals | Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT |
| Number of I/O | 65 |
| Program Memory Size | 256KB (256K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 32K x 8 |
| Voltage - Supply (Vcc/Vdd) | 1.98 V ~ 3.8 V |
| Data Converters | A/D 8x12b, D/A 1x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | - |
| Package / Case | 81-UFBGA, CSPBGA |
| Supplier Device Package | 81-CSP (4.35x4.27) |

[Report errors?](#)

EFM32LG360F256G-E-CSP81 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.

EFM32LG360F256G-E-CSP81 Payment Methods



EFM32LG360F256G-E-CSP81 Shipping Methods



If you have any question about EFM32LG360F256G-E-CSP81, please do not hesitate to contact us!

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E-mail: salesdept@heisener.com