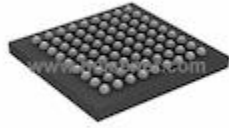


EFM32LG360F256G-E-CSP81R Information


For Reference Only

Part Number [EFM32LG360F256G-E-CSP81R](#)
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-CSP81R Specifications

Manufacturer Part Number	EFM32LG360F256G-E-CSP81R
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	I2C, IrDA, SmartCard, SPI, UART/USART, USB OTG
Peripherals	Brown-out Detect/Reset, DMA, I2S, 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-CSP81R 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-CSP81R Payment Methods



EFM32LG360F256G-E-CSP81R Shipping Methods



If you have any question about EFM32LG360F256G-E-CSP81R, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com