

EFM32G842F32G-E-QFP64R Information


For Reference Only

Part Number [EFM32G842F32G-E-QFP64R](#)
Manufacturer Silicon Labs
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description 32K FLASH, 8K RAM, 4X22 LCD, AES
Package 64-TQFP
 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.


EFM32G842F32G-E-QFP64R Specifications

Manufacturer Part Number	EFM32G842F32G-E-QFP64R
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	64-TQFP
Series	Gecko
Core Processor	ARM® Cortex®-M3
Core Size	32-Bit
Speed	32MHz
Connectivity	I²C, IrDA, SmartCard, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
Number of I/O	53
Program Memory Size	32KB (32K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	8K x 8
Voltage - Supply (Vcc/Vdd)	1.98 V ~ 3.8 V
Data Converters	A/D 8x12b, D/A 2x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	64-TQFP
Supplier Device Package	64-TQFP (10x10)

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EFM32G842F32G-E-QFP64R 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.

EFM32G842F32G-E-QFP64R Payment Methods



EFM32G842F32G-E-QFP64R Shipping Methods



If you have any question about EFM32G842F32G-E-QFP64R, please do not hesitate to contact us!

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