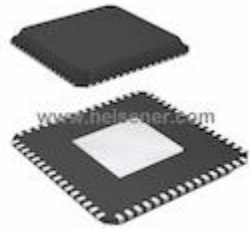


**SIM3L166-C-GM Information**


For Reference Only

**Part Number** [SIM3L166-C-GM](#)  
**Manufacturer** Silicon Labs  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 256KB FLASH 64QFN  
**Package** 64-VFQFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**SIM3L166-C-GM Specifications**

Manufacturer Part Number	<a href="#">SIM3L166-C-GM</a>
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	64-VFQFN Exposed Pad
Series	SiM3L1xx
Core Processor	ARM? Cortex?-M3
Core Size	32-Bit
Speed	50MHz
Connectivity	I2C, IrDA, SmartCard, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
Number of I/O	51
Program Memory Size	256KB (256K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	32K x 8
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.8 V
Data Converters	A/D 23x10/12b, D/A 1x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	64-VFQFN Exposed Pad
Supplier Device Package	64-QFN (9x9)

[Report errors?](#)

## SIM3L166-C-GM 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.

## SIM3L166-C-GM Payment Methods



## SIM3L166-C-GM Shipping Methods



If you have any question about SIM3L166-C-GM, please do not hesitate to contact us!

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

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)