

**M306N5FCGP#U3 Information**


For Reference Only

**Part Number** [M306N5FCGP#U3](#)  
**Manufacturer** Renesas Electronics America  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 16BIT 128KB FLASH 100QFP  
**Package** 100-LQFP  
 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.


**M306N5FCGP#U3 Specifications**

Manufacturer Part Number	<a href="#">M306N5FCGP#U3</a>
Manufacturer	Renesas Electronics America
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	100-LQFP
Series	M16C? M16C/60/6N5
Core Processor	M16C/60
Core Size	16-Bit
Speed	24MHz
Connectivity	CAN, I2C, IEBus, SIO, UART/USART
Peripherals	DMA, WDT
Number of I/O	87
Program Memory Size	128KB (128K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	5K x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Data Converters	A/D 26x10b; D/A 2x8b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	100-LQFP
Supplier Device Package	100-LFQFP (14x14)

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## M306N5FCGP#U3 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.

## M306N5FCGP#U3 Payment Methods



## M306N5FCGP#U3 Shipping Methods



If you have any question about M306N5FCGP#U3, please do not hesitate to contact us!

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