

## MC56F8256MLF Information



For Reference Only

**Part Number** [MC56F8256MLF](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 16BIT 64KB FLASH 48LQFP  
**Package** 48-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.



## MC56F8256MLF Specifications

Manufacturer Part Number	<a href="#">MC56F8256MLF</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	48-LQFP
Series	56F8xxx
Core Processor	56800E
Core Size	16-Bit
Speed	60MHz
Connectivity	CANbus, I <sup>2</sup> C, LINbus, SCI, SPI
Peripherals	LVD, POR, PWM, WDT
Number of I/O	39
Program Memory Size	64KB (32K x 16)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	4K x 16
Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V
Data Converters	A/D 10x12b; D/A 1x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C
Mounting Type	Surface Mount
Package / Case	48-LQFP
Supplier Device Package	48-LQFP (7x7)

[Report errors?](#)

## MC56F8256MLF 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.

## MC56F8256MLF Payment Methods



## MC56F8256MLF Shipping Methods



If you have any question about MC56F8256MLF, please do not hesitate to contact us!

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

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