

**MC9S08LL16CGTR Information**


For Reference Only

**Part Number** [MC9S08LL16CGTR](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** S08LL 8-BIT MCU S08 CORE 16KB  
**Package** 48-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.


**MC9S08LL16CGTR Specifications**

Manufacturer Part Number	<a href="#">MC9S08LL16CGTR</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	48-VFQFN Exposed Pad
Series	S08
Core Processor	S08
Core Size	8-Bit
Speed	20MHz
Connectivity	I <sup>2</sup> C, SCI, SPI
Peripherals	LCD, LVD, POR, PWM, WDT
Number of I/O	31
Program Memory Size	16KB (16K x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	2K x 8
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Data Converters	A/D 8x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	48-VFQFN Exposed Pad
Supplier Device Package	48-QFN-EP (7x7)

[Report errors?](#)

## MC9S08LL16CGTR 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.

## MC9S08LL16CGTR Payment Methods



## MC9S08LL16CGTR Shipping Methods



If you have any question about MC9S08LL16CGTR, please do not hesitate to contact us!

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