

**SPC5644CAVLU1R Information**


For Reference Only

**Part Number** [SPC5644CAVLU1R](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** 1.5M FLASH 128K RAM  
**Package** 176-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.


**SPC5644CAVLU1R Specifications**

Manufacturer Part Number	<a href="#">SPC5644CAVLU1R</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	176-LQFP
Series	MPC56xx Qorivva
Core Processor	e200z4d, e200z0h
Core Size	32-Bit Dual-Core
Speed	80MHz/120MHz
Connectivity	CANbus, Ethernet, I <sup>2</sup> C, LINbus, SCI, SPI
Peripherals	DMA, POR, PWM, WDT
Number of I/O	147
Program Memory Size	1.5MB (1.5M x 8)
Program Memory Type	FLASH
EEPROM Size	64K x 8
RAM Size	192K x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Data Converters	A/D 27x10b, 5x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Mounting Type	-
Package / Case	176-LQFP
Supplier Device Package	176-LQFP (24x24)

[Report errors?](#)

## SPC5644CAVLU1R 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.

## SPC5644CAVLU1R Payment Methods



## SPC5644CAVLU1R Shipping Methods



If you have any question about SPC5644CAVLU1R, please do not hesitate to contact us!

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