

**SPC5645SF1CVU Information**


For Reference Only

**Part Number** [SPC5645SF1CVU](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** NXP 32-BIT MCU POWER ARCH CORE  
**Package** 416-BBGA  
 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.


**SPC5645SF1CVU Specifications**

Manufacturer Part Number	<a href="#">SPC5645SF1CVU</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	416-BBGA
Series	MPC56xx Qorivva
Core Processor	e200z4d
Core Size	32-Bit
Speed	125MHz
Connectivity	CANbus, I <sup>2</sup> C, LINbus, SCI, SPI
Peripherals	DMA, POR, PWM, WDT
Number of I/O	177
Program Memory Size	2MB (2M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	1.064M x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Data Converters	A/D 20x10b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	416-BBGA
Supplier Device Package	416-PBGA (27x27)

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## SPC5645SF1CVU 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.

## SPC5645SF1CVU Payment Methods



## SPC5645SF1CVU Shipping Methods



If you have any question about SPC5645SF1CVU, please do not hesitate to contact us!

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