

**SPC5642AF2MVZ3 Information**


For Reference Only

**Part Number** [SPC5642AF2MVZ3](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** NXP 32-BIT MCU POWER ARCH CORE  
**Package** 324-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.


**SPC5642AF2MVZ3 Specifications**

Manufacturer Part Number	<a href="#">SPC5642AF2MVZ3</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	324-BBGA
Series	MPC56xx Qorivva
Core Processor	e200z4
Core Size	32-Bit
Speed	80MHz
Connectivity	CANbus, EBI/EMI, LINbus, SCI, SPI
Peripherals	DMA, POR, PWM, WDT
Number of I/O	151
Program Memory Size	2MB (2M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	128K x 8
Voltage - Supply (Vcc/Vdd)	1.14 V ~ 5.25 V
Data Converters	A/D 40x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	324-BBGA
Supplier Device Package	324-TEPBGA (23x23)

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## SPC5642AF2MVZ3 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.

## SPC5642AF2MVZ3 Payment Methods



## SPC5642AF2MVZ3 Shipping Methods



If you have any question about SPC5642AF2MVZ3, please do not hesitate to contact us!

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