

**SPC5643AF0MVZ2 Information**


For Reference Only

**Part Number** [SPC5643AF0MVZ2](#)  
**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.


**SPC5643AF0MVZ2 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">SPC5643AF0MVZ2</a>   |
| Manufacturer               | NXP  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 324-BBGA   |
| Series                     | MPC56xx Qorivva  |
| Core Processor             | e200z4   |
| Core Size                  | 32-Bit   |
| Speed                      | 120MHz   |
| Connectivity               | CANbus, EBI/EMI, LINbus, SCI, SPI  |
| Peripherals                | DMA, POR, PWM, WDT   |
| Number of I/O              | 151  |
| Program Memory Size        | 3MB (3M x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 192K 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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## SPC5643AF0MVZ2 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.

## SPC5643AF0MVZ2 Payment Methods



## SPC5643AF0MVZ2 Shipping Methods



If you have any question about SPC5643AF0MVZ2, please do not hesitate to contact us!

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

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