

**SPC5643LFBK0MMM1 Information**


For Reference Only

**Part Number** [SPC5643LFBK0MMM1](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** NXP 32-BIT MCU DUAL POWER ARCH  
**Package** 257-LFBGA  
 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.


**SPC5643LFBK0MMM1 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">SPC5643LFBK0MMM1</a>   |
| Manufacturer               | NXP  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 257-LFBGA  |
| Series                     | MPC56xx Qorivva  |
| Core Processor             | e200z4   |
| Core Size                  | 32-Bit Dual-Core   |
| Speed                      | 120MHz   |
| Connectivity               | CANbus, FlexRay, LINbus, SPI, UART/USART                                 |
| Peripherals                | DMA, POR, PWM, WDT   |
| Number of I/O              | -  |
| Program Memory Size        | 1MB (1M x 8)   |
| Program Memory Type        | FLASH  |
| EEPROM Size                | -  |
| RAM Size                   | 128K x 8   |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 5.5 V  |
| Data Converters            | A/D 32x12b   |
| Oscillator Type            | Internal   |
| Operating Temperature      | -40°C ~ 125°C (TA)   |
| Mounting Type              | -  |
| Package / Case             | 257-LFBGA  |
| Supplier Device Package    | 257-MAPBGA (14x14)   |

[Report errors?](#)

## SPC5643LFK0MMM1 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.

## SPC5643LFK0MMM1 Payment Methods



## SPC5643LFK0MMM1 Shipping Methods



If you have any question about SPC5643LFK0MMM1, please do not hesitate to contact us!

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

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