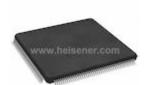




### SPC565MZP56DR2 Information



For Reference Only

Part Number SPC565MZP56DR2

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** NXP 32-BIT MCU POWER ARCH CORE

Package 388-BBGA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: 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.









# SPC565MZP56DR2 Specifications

| Manufacturer Part Number   | SPC565MZP56DR2                        |
|----------------------------|---------------------------------------|
| Manufacturer               | NXP                                   |
| Category                   | Integrated Circuits (ICs)             |
|                            | Embedded - Microcontrollers           |
| Package                    | 388-BBGA                              |
| Series                     | MPC5xx                                |
| Core Processor             | PowerPC                               |
| Core Size                  | 32-Bit                                |
| Speed                      | 56MHz                                 |
| Connectivity               | CANbus, EBI/EMI, SCI, SPI, UART/USART |
| Peripherals                | POR, PWM, WDT                         |
| Number of I/O              | 56                                    |
| Program Memory Size        | 1MB (1M x 8)                          |
| Program Memory Type        | FLASH                                 |
| EEPROM Size                | -                                     |
| RAM Size                   | 36K x 8                               |
| Voltage - Supply (Vcc/Vdd) | 2.5 V ~ 2.7 V                         |
| Data Converters            | A/D 40x10b                            |
| Oscillator Type            | External                              |
| Operating Temperature      | -40°C ~ 125°C (TA)                    |
| Mounting Type              | -                                     |
| Package / Case             | 388-BBGA                              |
| Supplier Device Package    | 388-PBGA (27x27)                      |
|                            | Report errors?                        |

#### SPC565MZP56DR2 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.

## SPC565MZP56DR2 Payment Methods



































If you have any question about SPC565MZP56DR2, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com