

**MPC565CVR40 Information**


For Reference Only

**Part Number** [MPC565CVR40](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT 1MB FLASH 388BGA  
**Package** 388-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.


**MPC565CVR40 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">MPC565CVR40</a>  |
| Manufacturer               | NXP  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 388-BBGA   |
| Series                     | MPC5xx   |
| Core Processor             | PowerPC  |
| Core Size                  | 32-Bit   |
| Speed                      | 40MHz  |
| Connectivity               | CAN, 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 ~ 85°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 388-BBGA   |
| Supplier Device Package    | 388-PBGA (27x27)   |

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## MPC565CVR40 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.

## MPC565CVR40 Payment Methods



## MPC565CVR40 Shipping Methods



If you have any question about MPC565CVR40, please do not hesitate to contact us!

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

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