

**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) <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)
<a href="#">Report errors?</a>	

## 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!

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