

**MCIMX508CVK1B Information**


For Reference Only

**Part Number** [MCIMX508CVK1B](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microprocessors](#)  
**Description** IC MPU I.MX50 1.0GHZ 416MAPBGA  
**Package** 416-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.


**MCIMX508CVK1B Specifications**

Manufacturer Part Number	<a href="#">MCIMX508CVK1B</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microprocessors</a>
Package	416-LFBGA
Series	i.MX50
Core Processor	ARM? Cortex?-A8
Number of Cores/Bus Width	1 Core, 32-Bit
Speed	1.0GHz
Co-Processors/DSP	Multimedia; NEON? SIMD
RAM Controllers	LPDDR, LPDDR2, DDR2
Graphics Acceleration	Yes
Display & Interface Controllers	EPDC, LCD
Ethernet	10/100 Mbps (1)
SATA	-
USB	USB 2.0 + PHY (2)
Voltage - I/O	1.2V, 1.875V, 2.775V, 3.0V
Operating Temperature	0°C ~ 70°C (TA)
Security Features	Boot Security, Cryptography, Secure JTAG
Package / Case	416-LFBGA
Supplier Device Package	416-MAPBGA (13x13)

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## MCIMX508CVK1B 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.

## MCIMX508CVK1B Payment Methods



## MCIMX508CVK1B Shipping Methods



If you have any question about MCIMX508CVK1B, please do not hesitate to contact us!

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