

**MCIMX536AVV8C2R2 Information**


For Reference Only

**Part Number** [MCIMX536AVV8C2R2](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microprocessors](#)  
**Description** i.MX53 32-BIT MPU ARM CORTEX-A8  
**Package** 529-FBGA  
 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.


**MCIMX536AVV8C2R2 Specifications**

Manufacturer Part Number	<a href="#">MCIMX536AVV8C2R2</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microprocessors</a>
Package	529-FBGA
Series	i.MX53
Core Processor	ARM® Cortex®-A8
Number of Cores/Bus Width	1 Core, 32-Bit
Speed	800MHz
Co-Processors/DSP	Multimedia; NEON™ SIMD
RAM Controllers	LPDDR2, DDR2, DDR3
Graphics Acceleration	Yes
Display & Interface Controllers	Keypad, LCD
Ethernet	10/100 Mbps (1)
SATA	SATA 1.5Gbps (1)
USB	USB 2.0 (2), USB 2.0 + PHY (2)
Voltage - I/O	1.3V, 1.8V, 2.775V, 3.3V
Operating Temperature	-40°C ~ 125°C (TJ)
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection
Package / Case	529-FBGA
Supplier Device Package	529-FBGA (19x19)

## MCIMX536AVV8C2R2 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.

## MCIMX536AVV8C2R2 Payment Methods



## MCIMX536AVV8C2R2 Shipping Methods



If you have any question about MCIMX536AVV8C2R2, please do not hesitate to contact us!

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