

**MCIMX6Q6AVT08AD Information**


For Reference Only

**Part Number** [MCIMX6Q6AVT08AD](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microprocessors](#)  
**Description** IC MPU I.MX6Q 852MHZ 624FCBGA  
**Package** 624-FBGA, FCBGA  
 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.


**MCIMX6Q6AVT08AD Specifications**

Manufacturer Part Number	<a href="#">MCIMX6Q6AVT08AD</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microprocessors</a>
Package	624-FBGA, FCBGA
Series	i.MX6Q
Core Processor	ARM? Cortex?-A9
Number of Cores/Bus Width	4 Core, 32-Bit
Speed	852MHZ
Co-Processors/DSP	Multimedia; NEON? SIMD
RAM Controllers	LPDDR2, LVDDR3, DDR3
Graphics Acceleration	Yes
Display & Interface Controllers	Keypad, LCD
Ethernet	10/100/1000 Mbps (1)
SATA	SATA 3Gbps (1)
USB	USB 2.0 + PHY (4)
Voltage - I/O	1.8V, 2.5V, 2.8V, 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	624-FBGA, FCBGA
Supplier Device Package	624-FCBGA (21x21)

## MCIMX6Q6AVT08AD 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.

## MCIMX6Q6AVT08AD Payment Methods



## MCIMX6Q6AVT08AD Shipping Methods



If you have any question about MCIMX6Q6AVT08AD, please do not hesitate to contact us!

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