

**MCIMX6G1AVM07AA Information**


For Reference Only

**Part Number** [MCIMX6G1AVM07AA](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microprocessors](#)  
**Description** IC MPU LMC6UL 696MHZ 289BGA  
**Package** 289-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.


**MCIMX6G1AVM07AA Specifications**

Manufacturer Part Number	<a href="#">MCIMX6G1AVM07AA</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microprocessors</a>
Package	289-LFBGA
Series	i.MX6UL
Core Processor	ARM? Cortex?-A7
Number of Cores/Bus Width	1 Core, 32-Bit
Speed	696MHz
Co-Processors/DSP	Multimedia; NEON? SIMD
RAM Controllers	LPDDR2, DDR3, DDR3L
Graphics Acceleration	No
Display & Interface Controllers	LVDS
Ethernet	10/100 Mbps (1)
SATA	-
USB	USB 2.0 + PHY (2)
Voltage - I/O	1.2V, 1.35V, 1.5V, 1.8V, 2.5V, 2.8V, 3.3V
Operating Temperature	-40°C ~ 125°C (TJ)
Security Features	ARM TZ, A-HAB, CAAM, CSU, SJC, SNVS
Package / Case	289-LFBGA
Supplier Device Package	289-MAPBGA (14x14)

[Report errors?](#)

## MCIMX6G1AVM07AA 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.

## MCIMX6G1AVM07AA Payment Methods



## MCIMX6G1AVM07AA Shipping Methods



If you have any question about MCIMX6G1AVM07AA, please do not hesitate to contact us!

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