

**MPC8377ECVRANGA Information**


For Reference Only

**Part Number** [MPC8377ECVRANGA](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microprocessors](#)  
**Description** IC MPU MPC83XX 800MHZ 689TEBGA  
**Package** 689-BBGA Exposed Pad  
 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.


**MPC8377ECVRANGA Specifications**

Manufacturer Part Number	<a href="#">MPC8377ECVRANGA</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microprocessors</a>
Package	689-BBGA Exposed Pad
Series	MPC83xx
Core Processor	PowerPC e300c4s
Number of Cores/Bus Width	1 Core, 32-Bit
Speed	800MHz
Co-Processors/DSP	Security; SEC 3.0
RAM Controllers	DDR, DDR2
Graphics Acceleration	No
Display & Interface Controllers	-
Ethernet	10/100/1000 Mbps (2)
SATA	SATA 3Gbps (2)
USB	USB 2.0 + PHY (1)
Voltage - I/O	1.8V, 2.5V, 3.3V
Operating Temperature	-40°C ~ 125°C (TA)
Security Features	Cryptography, Random Number Generator
Package / Case	689-BBGA Exposed Pad
Supplier Device Package	689-TEPBGA II (31x31)

[Report errors?](#)

## MPC8377ECVRANGA 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.

## MPC8377ECVRANGA Payment Methods



## MPC8377ECVRANGA Shipping Methods



If you have any question about MPC8377ECVRANGA, please do not hesitate to contact us!

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