

**MPC8377EVRAJF Information**


For Reference Only

**Part Number** [MPC8377EVRAJF](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microprocessors](#)  
**Description** IC MPU MPC83XX 533MHZ 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.


**MPC8377EVRAJF Specifications**

|                                 |   |
|---------------------------------|---|
| Manufacturer Part Number        | <a href="#">MPC8377EVRAJF</a>   |
| Manufacturer                    | NXP   |
| Category                        | Integrated Circuits (ICs)<br><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                           | 533MHz  |
| 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           | 0°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?](#)

## MPC8377EVRAJF 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.

## MPC8377EVRAJF Payment Methods



## MPC8377EVRAJF Shipping Methods



If you have any question about MPC8377EVRAJF, please do not hesitate to contact us!

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