

**MPC823ZQ81B2T Information**


For Reference Only

**Part Number** [MPC823ZQ81B2T](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
           [Embedded - Microprocessors](#)  
**Description** IC MPU MPC8XX 81MHZ 256BGA  
**Package** 256-BBGA  
 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.


**MPC823ZQ81B2T Specifications**

Manufacturer Part Number	<a href="#">MPC823ZQ81B2T</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microprocessors</a>
Package	256-BBGA
Series	MPC8xx
Core Processor	PowerPC
Number of Cores/Bus Width	1 Core, 32-Bit
Speed	81MHz
Co-Processors/DSP	Communications; RISC CPM
RAM Controllers	DRAM
Graphics Acceleration	No
Display & Interface Controllers	LCD, Video
Ethernet	10 Mbps (1)
SATA	-
USB	USB 1.x (1)
Voltage - I/O	3.3V
Operating Temperature	0°C ~ 95°C (TA)
Security Features	-
Package / Case	256-BBGA
Supplier Device Package	256-PBGA (23x23)

[Report errors?](#)

## MPC823ZQ81B2T 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.

## MPC823ZQ81B2T Payment Methods



## MPC823ZQ81B2T Shipping Methods



If you have any question about MPC823ZQ81B2T, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)