

**P5020NSE1VNB Information**


For Reference Only

**Part Number** [P5020NSE1VNB](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microprocessors](#)  
**Description** IC MPU Q OR IQ 2.0GHZ 1295FCBGA  
**Package** 1295-BBGA, 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.


**P5020NSE1VNB Specifications**

Manufacturer Part Number	<a href="#">P5020NSE1VNB</a>
Manufacturer	NXP
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microprocessors</a>
Package	1295-BBGA, FCBGA
Series	QorIQ P5
Core Processor	PowerPC e5500
Number of Cores/Bus Width	2 Core, 64-Bit
Speed	2.0GHz
Co-Processors/DSP	Security; SEC 4.2
RAM Controllers	DDR3, DDR3L
Graphics Acceleration	No
Display & Interface Controllers	-
Ethernet	1 Gbps (5), 10 Gbps (1)
SATA	SATA 3Gbps (2)
USB	USB 2.0 + PHY (2)
Voltage - I/O	-
Operating Temperature	0°C ~ 105°C (TA)
Security Features	Boot Security, Cryptography, Secure Fusebox, Secure JTAG, Secure Memory, Tamper Detection
Package / Case	1295-BBGA, FCBGA
Supplier Device Package	1295-FCPBGA (37.5x37.5)

[Report errors?](#)

## P5020NSE1VNB 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.

## P5020NSE1VNB Payment Methods



## P5020NSE1VNB Shipping Methods



If you have any question about P5020NSE1VNB, please do not hesitate to contact us!

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