

P5010NXE1VNB Information


For Reference Only

Part Number [P5010NXE1VNB](#)
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


[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.


P5010NXE1VNB Specifications

Manufacturer Part Number	P5010NXE1VNB
Manufacturer	NXP
Category	Integrated Circuits (ICs) Embedded - Microprocessors
Package	1295-BBGA, FCBGA
Series	QorIQ P5
Core Processor	PowerPC e5500
Number of Cores/Bus Width	1 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	-40°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)

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P5010NXE1VNB 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.

P5010NXE1VNB Payment Methods



P5010NXE1VNB Shipping Methods



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