

Microprocessor, QorIQ Family QorIQ P-Series Series, 32bit, 800 MHz, USB, SATA, PCIe, DDR3, FBGA-425

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	BGA-425
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for P1010NXE5HHB or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

P1010NXE5HHB is a part number for a semiconductor device from the PowerQUICC II Pro family, manufactured by NXP Semiconductors. It is a System-on-Chip (SoC) device that features a Power Architecture e500 core, which is a 32-bit processor with a clock speed of up to 800 MHz. The device also has a wide range of peripherals and interfaces, including Ethernet, USB, I2C, SPI, UART, and others.

## Features

- 800 MHz e500 core
- 32 KB L1 instruction and data caches
- 512 KB L2 cache
- Dual Gigabit Ethernet controllers
- Two USB 2.0 interfaces
- I2C, SPI, and UART interfaces
- PCI Express and RapidIO interfaces
- DDR3 memory interface
- Multiple timers and watchdogs



## Related Products



### [P1020NXE2HFB](#)

NXP Semiconductor  
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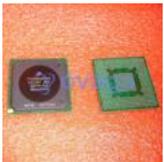
### [ISP1521BE](#)

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QFN-56



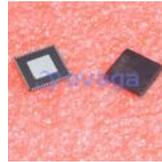
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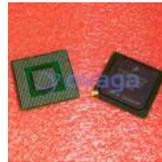
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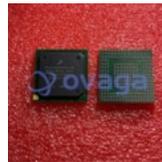
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