

Communications Processor, QorIQ P1 Series, 800 MHz, 950 mV, BGA-689

Manufacturers	NXP Semiconductor
Package/Case	PBGA-689
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for P1020NSE2HFB or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

P1020NSE2HFB is a part number for a PowerQUICC II Pro processor manufactured by NXP Semiconductors (formerly Freescale Semiconductor). Here are some of its features:

Features

PowerQUICC II Pro processor with an e500 core

Operating frequency of up to 800 MHz

Built-in hardware acceleration for security protocols such as IPsec and SSL

Dual Gigabit Ethernet controllers

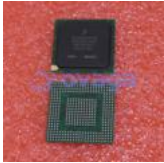
Dual USB 2.0 controllers

Multiple serial ports, including UART, SPI, and I2C

Multiple PCI and PCI Express interfaces



Related Products



[P1010NXE5HHB](#)

NXP Semiconductor
BGA-425



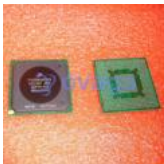
[ISP1521BE](#)

NXP Semiconductor
QFP80



[ISP1582BS](#)

NXP Semiconductor
QFN-56



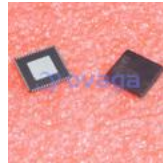
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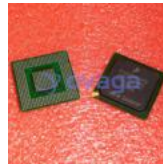
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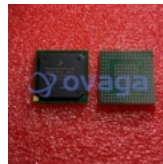
[ISP1583BS](#)

NXP Semiconductor
QFN-64



[P1025NSE5DFB](#)

NXP Semiconductor
PBGA-561



[P1010NSN5HHB](#)

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TEPBGA-425