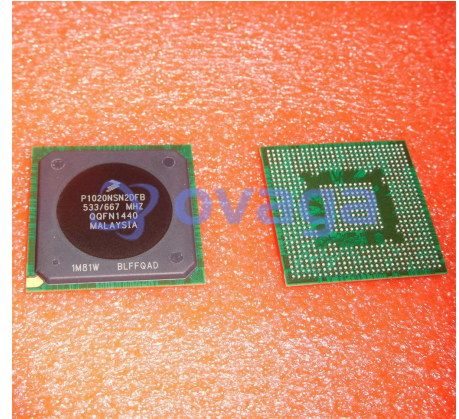


MPU QorIQ P1020 RISC 32bit 45nm 533MHz 689-Pin TEBGA II Tray

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	PBGA-689
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for P1020NSN2DFB or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

P1020NSN2DFB is a part number for a microprocessor manufactured by NXP Semiconductors. Specifically, it is a member of the PowerQUICC II Pro family of communication processors.

## Features

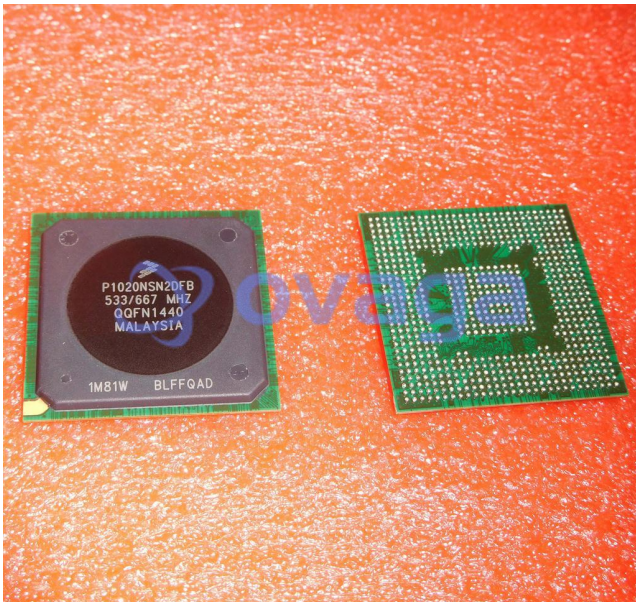
Dual e500 Power Architecture cores running at up to 1.067 GHz

Integrated DDR2/3 memory controller supporting up to 1.5 GHz

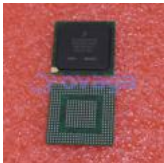
Dual Gigabit Ethernet interfaces with integrated PHYs

PCI Express and Serial RapidIO interfaces

Integrated security engine for encryption/decryption and authentication



## Related Products



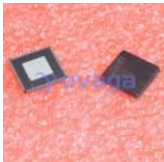
### [P1010NXE5HHB](#)

NXP Semiconductor  
BGA-425



### [P1020NSE2HFB](#)

NXP Semiconductor  
PBGA-689



### [ISP1583BS](#)

NXP Semiconductor  
QFN-64



### [P1025NSE5DFB](#)

NXP Semiconductor  
PBGA-561



### [P1020NXE2HFB](#)

NXP Semiconductor  
PBGA-689



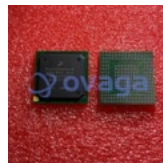
### [ISP1521BE](#)

NXP Semiconductor  
QFN80



### [ISP1582BS](#)

NXP Semiconductor  
QFN-56



### [P1010NSN5HHB](#)

NXP Semiconductor  
TEPBGA-425