

QorIQ, 32-Bit Power Arch SoC, 2 X 1.2Hz, DDR2/3 w/ECC, GbE, PCIe, SRIO, USB, 0 to 125C, R2.1

Manufacturers	NXP Semiconductor
Package/Case	TEBGA68
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for P2020NSN2MHC or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

P2020NSN2MHC is a product code for a specific microprocessor device manufactured by NXP Semiconductors (formerly Freescale Semiconductor). It is a member of the PowerQUICC II Pro family of embedded processors.

Features

- Dual-core e500 Power Architecture technology running at up to 1.2 GHz clock speed
- 256 KB of L2 cache per core
- Supports up to 8 GB of DDR3 SDRAM memory
- Integrated security engine with hardware acceleration for encryption/decryption algorithms
- Dual gigabit Ethernet controllers with integrated PHYs
- PCI Express and SATA interfaces for high-speed connectivity
- Various other peripheral interfaces including USB, I2C, SPI, UART, and GPIOs

Application

- P2020NSE2MHC
- P2020NXE2MHC
- P2020NXP2MHC
- P2020NSE2MMC
- P2020NXE2MMC
- P2020NXP2MMC



Related Products



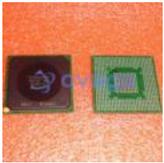
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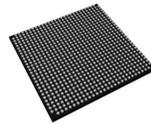
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NXP Semiconductor
780-BBGA, FCBGA