

P4080NSE1NNB



Part Number: [P4080NSE1NNB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA

Data sheet: [PDF eSDHC Data Timeout Errata](#)
[PDF P2040,1,3041,4080,5020,40 Errata](#)
[PDF P4 Series Fact Sheet](#)
[PDF MPIC Double Interrupt Errata](#)

RoHs Status: Lead free / RoHS Compliant

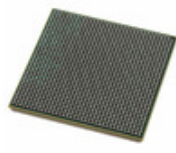
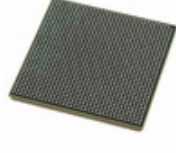
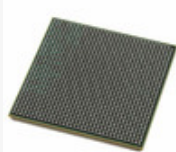
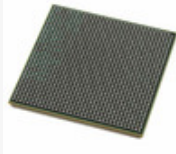
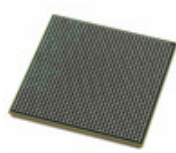
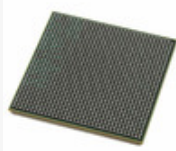
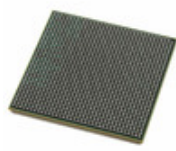
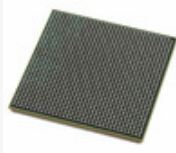
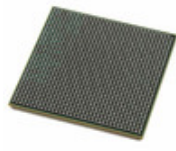
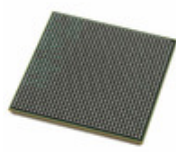
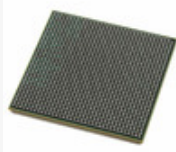
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Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	P4080NSE1NNB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4548 pcs	Data sheet	eSDHC Data Timeout Errata P2040,1,3041,4080,5020,40 Errata P4 Series Fact Sheet MPIC Double Interrupt Errata
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (2)	Supplier Device Package	1295-FCPBGA (37.5x37.5)
Speed	1.5GHz	Series	QorIQ P4
Security Features	Boot Security, Cryptography, Random Number Generator, Secure Fusebox	SATA	-
RAM Controllers	DDR2, DDR3	Packaging	Tray
Package / Case	1295-BBGA, FCBGA	Operating Temperature	0°C ~ 105°C (TA)
Number of Cores/Bus Width	8 Core, 32-Bit	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Graphics Acceleration	No
Ethernet	1 Gbps (8), 10 Gbps (2)	Display & Interface Controllers	-
Detailed Description	PowerPC e500mc Microprocessor IC QorIQ P4 8 Core, 32-Bit 1.5GHz 1295-FCPBGA (37.5x37.5)	Core Processor	PowerPC e500mc
Co-Processors/DSP	Security; SEC 4.0	Base Part Number	P4080
Additional Interfaces	DUART, I ² C, MMC/SD, RapidIO, SPI		
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RELATED PRODUCTS			
	Part#: P4080NSN7PNC Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P405W12-BCR2 Description: PMI .250" LED 2V WIRE 12" RED	Manufacturers: VCC (Visual Communications Company)	RFQ
	Part#: P4080NSN7MMC Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P4080NSN1MMB Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P405W-RLP2 Description: PMI .250" LED 2V WIRE LOW POWER	Manufacturers: VCC (Visual Communications Company)	RFQ
	Part#: P4063 Description: RF ANT 418MHZ YAGI UHF BRKT 15"	Manufacturers: Laird Technologies - Antennas	RFQ
	Part#: P4080DS-PC Description: BOARD DEV PLATFORM P4080 R3	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P4080NSE7MMC Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P405W36-BR2 Description: PMI .250" LED 2V WIRE 36" RED	Manufacturers: VCC (Visual Communications Company)	RFQ
	Part#: P4080DS-PA Description: BOARD DEV ATX HIGH PERFORMANCE	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P4080NSE1PNB Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P4080NSE7PNAC Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P4080NSE7PNC Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P4080NSN7PNAC Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P4080NSN1PNB Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P405W60-BR2 Description: PMI .250" LED 2V WIRE 60" RED	Manufacturers: VCC (Visual Communications Company)	RFQ
	Part#: P4080NSE1MMB Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P4080NSN1NNB Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P4080DS-PB Description: BOARD DEV ATX HIGH PERFORMANCE	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P4080COME-DS-PB Description: COM EXPRESS MODULE P4080	Manufacturers: NXP Semiconductors / Freescale	RFQ

Related keywords for P4080NSE1NNB			
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