



NXP Semiconductors / Freescale

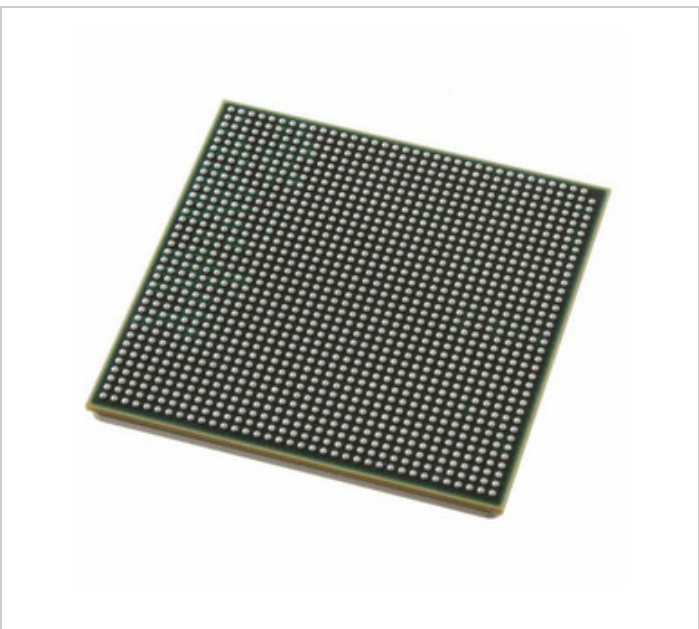


Image may be representation. See specifications for product details.

P4080NSE1NNB

Part Number:	P4080NSE1NNB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU Q OR IQ 1.5GHZ 1295FCBGA
	 1.P4080NSE1NNB.pdf
	 2.P4080NSE1NNB.pdf
	 3.P4080NSE1NNB.pdf
	 4.P4080NSE1NNB.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

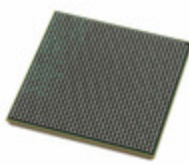
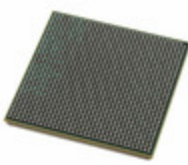
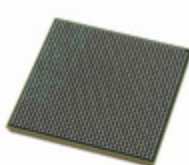
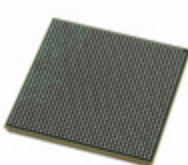
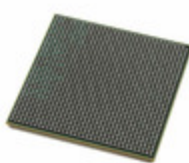
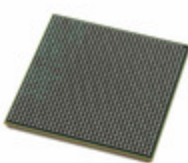
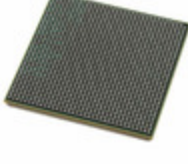
Specifications of P4080NSE1NNB

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
DATA SHEET	 1.P4080NSE1NNB.pdf  2.P4080NSE1NNB.pdf  3.P4080NSE1NNB.pdf  4.P4080NSE1NNB.pdf
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

 P4080NSE7MMC Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA In stock: Out stock RFQ	 P4080NSE7PNC Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA In stock: Out stock RFQ
 P4080COME-DS-PB Manufacturers: NXP Semiconductors / Freescale Description: COM EXPRESS MODULE P4080 In stock: Out stock RFQ	 P4080DS-PC Manufacturers: NXP Semiconductors / Freescale Description: BOARD DEV PLATFORM P4080 R3 In stock: 2 pcs RFQ
 P4080NSE7PNAC Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA In stock: Out stock RFQ	 P4080NSN1MMB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA In stock: Out stock RFQ
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 P4063 Manufacturers: Laird Technologies - Antennas Description: RF ANT 418MHZ YAGI UHF BRKT 15" In stock: Out stock RFQ	 P4080NSE1PNB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA In stock: Out stock RFQ