

P2041NXN1NNB



Part Number: [P2041NXN1NNB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU Q OR IQ 1.3GHZ 780FCBGA

Data sheet:  [P2040,1,3041,4080,5020,40 Errata](#)
 [MPIC Double Interrupt Errata](#)
 [P2040 Datasheet](#)
 [P2040/41, P3/P5 Series Brief](#)
 [P2040,P2041 Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

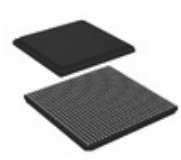
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PRODUCT PARAMETER			
Part Number	P2041NXN1NNB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU Q OR IQ 1.3GHZ 780FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4873 pcs	Data sheet	P2040,1,3041,4080,5020,40 Errata MPIC Double Interrupt Errata P2040 Datasheet P2040/41, P3/P5 Series Brief P2040,P2041 Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - I/O	1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (2)	Supplier Device Package	780-FCPBGA (23x23)
Speed	1.3GHz	Series	QorIQ P2
Security Features	-	SATA	SATA 3Gbps (2)
RAM Controllers	DDR3, DDR3L	Packaging	Tray
Package / Case	-	Operating Temperature	-40°C ~ 105°C (TA)
Number of Cores/Bus Width	4 Core, 32-Bit	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Graphics Acceleration	No
Ethernet	10/100/1000 Mbps (5), 10 Gbps (1)	Display & Interface Controllers	-
Detailed Description	PowerPC e500mc Microprocessor IC QorIQ P2 4 Core, 32-Bit 1.3GHz 780-FCPBGA (23x23)	Core Processor	PowerPC e500mc
Co-Processors/DSP	-	Base Part Number	P2041
Additional Interfaces	DUART, I ² C, MMC/SD, RapidIO, SPI		
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RELATED PRODUCTS			
	Part#: P2041NXE1MMB Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2042AF-08TR Description: IC LCD EMI 3.3V 8TSSOP	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
	Part#: P2041NXN7NNC Description: IC MPU Q OR IQ 1.3GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041NXN1PNB Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041NXE1PNB Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041NXE1NNB Description: IC MPU Q OR IQ 1.3GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041NSN7NNC Description: IC MPU Q OR IQ 1.3GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041NXE7MMC Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041NSN7PNAC Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041NXN7PNC Description: P2041-1500MHZ XT NE R2	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041NXN7MMC Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2048CMEN Description: TAPE,1"X26'(25MMX8M),CHROME	Manufacturers: Apex Tool Group	RFQ
	Part#: P2041NXE7PNC Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041NXN1MMB Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041RDB-PC Description: BOARD REFERENCE DESIGN P2041	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041RDB-PB Description: BOARD REFERENCE DESIGN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P204CAL7.25.86 Description: CABLE 4COND 20AWG NATURAL 500'	Manufacturers: General Cable	RFQ
	Part#: P2041NXE7NNC Description: IC MPU Q OR IQ 1.3GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041NSN7PNC Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P2041RDB-PA Description: BOARD REFERENCE DESIGN P2041	Manufacturers: NXP Semiconductors / Freescale	RFQ

Related keywords for P2041NXN1NNB

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