

P3041NXE1PNB



Part Number: [P3041NXE1PNB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA

Data sheet:  [P2040,1,3041,4080,5020,40 Errata](#)
 [MPIC Double Interrupt Errata](#)
 [P3041 Processor Fact Sheet](#)
 [P2040/41, P3/P5 Series Brief](#)
 [P3041 Datasheet](#)
 [P3041 Product Brief](#)

RoHs Status: Lead free / RoHS Compliant

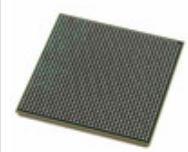
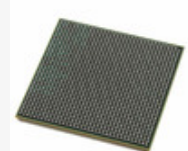
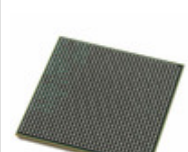
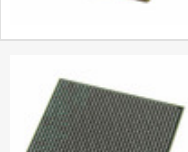
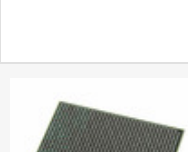
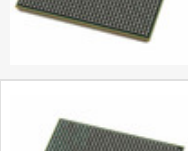
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PRODUCT PARAMETER			
Part Number	P3041NXE1PNB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU Q OR IQ 1.5GHZ 1295FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4472 pcs	Data sheet	P2040,1,3041,4080,5020,40 Errata MPIC Double Interrupt Errata P3041 Processor Fact Sheet P2040/41, P3/P5 Series Brief P3041 Datasheet P3041 Product Brief
Category	Integrated Circuits (ICs)	Voltage - I/O	1.5V, 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 P3
Security Features	Boot Security, Cryptography, Random Number Generator, Secure Fusebox	SATA	SATA 3Gbps (2)
RAM Controllers	DDR3, DDR3L	Packaging	Tray
Package / Case	1295-BBGA, FCBGA	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 P3 4 Core, 32-Bit 1.5GHz 1295-FCPBGA (37.5x37.5)	Core Processor	PowerPC e500mc
Co-Processors/DSP	Security; SEC 4.2	Base Part Number	P3041
Additional Interfaces	DUART, I ² C, MMC/SD, RapidIO, SPI		
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