

P5010NSE1QMB



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See Product Specifications for product details.
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Part Number: [P5010NSE1QMB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA

Data sheet:  [P5 Series Fact Sheet](#)
 [MPIC Double Interrupt Errata](#)
 [P2040/41, P3/P5 Series Brief](#)

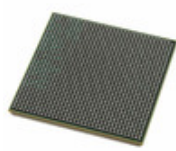
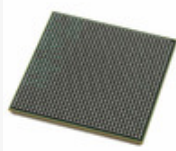
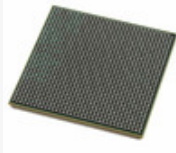
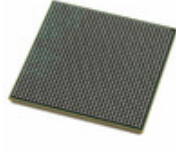
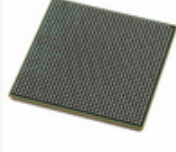
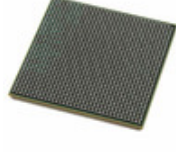
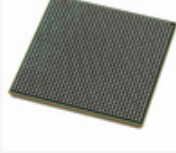
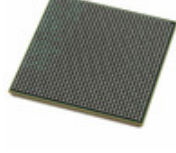
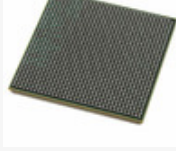
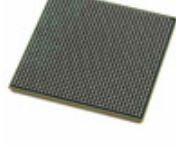
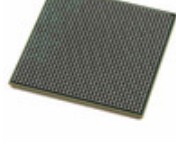
RoHs Status: Contains lead / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	P5010NSE1QMB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU Q OR IQ 2.0GHZ 1295FCBGA	Lead Free Status / RoHS Status	Contains lead / RoHS Compliant
Quantity Available	4402 pcs	Data sheet	P5 Series Fact Sheet MPIC Double Interrupt Errata P2040/41, P3/P5 Series Brief
Category	Integrated Circuits (ICs)	Voltage - I/O	-
USB	USB 2.0 + PHY (2)	Supplier Device Package	1295-FCPBGA (37.5x37.5)
Speed	2.0GHz	Series	QorIQ P5
Security Features	Boot Security, Cryptography, Secure Fusebox, Secure JTAG, Secure Memory, Tamper Detection	SATA	SATA 3Gbps (2)
RAM Controllers	DDR3, DDR3L	Packaging	Tray
Package / Case	1295-BBGA, FCBGA	Other Names	935321775557
Operating Temperature	0°C ~ 105°C (TA)	Number of Cores/Bus Width	1 Core, 64-Bit
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Contains lead / RoHS Compliant
Graphics Acceleration	No	Ethernet	1 Gbps (5), 10 Gbps (1)
Display & Interface Controllers	-	Detailed Description	PowerPC e5500 Microprocessor IC QorIQ P5 1 Core, 64-Bit 2.0GHz 1295-FCPBGA (37.5x37.5)
Core Processor	PowerPC e5500	Co-Processors/DSP	Security; SEC 4.2
Base Part Number	P5010	Additional Interfaces	DUART, I ² C, MMC/SD, SPI
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	Part#: P5010D090S401H Description: THERMISTOR PTC 40 OHM COIN	Manufacturers: Agastat Relays / TE Connectivity	RFQ
	Part#: P5005C135S500H Description: THERMISTOR PTC 5 OHM COIN	Manufacturers: Agastat Relays / TE Connectivity	RFQ
	Part#: P501-050 Description: CABLE RGB COAX HD15 M/F 50'	Manufacturers: Tripp Lite	RFQ
	Part#: P5010NSE7TNB Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P5009NL Description: PULSE XFMR 1:0.1:0.1	Manufacturers: Pulse Electronics Corporation	RFQ
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	Part#: P5010NSE7MMB Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P501-100 Description: CABLE RGB COAX HD15 M/F 100'	Manufacturers: Tripp Lite	RFQ
	Part#: P5010NSE1MMB Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: P5005NL Description: PULSE XFMR 1:0.1:0.1	Manufacturers: Pulse Electronics Corporation	RFQ
	Part#: P5008NL Description: PULSE XFMR 1:0.07:0.07	Manufacturers: Pulse Electronics Corporation	RFQ
	Part#: P5010D050S401H Description: THERMISTOR PTC 40 OHM COIN	Manufacturers: Agastat Relays / TE Connectivity	RFQ

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