



NXP Semiconductors / Freescale

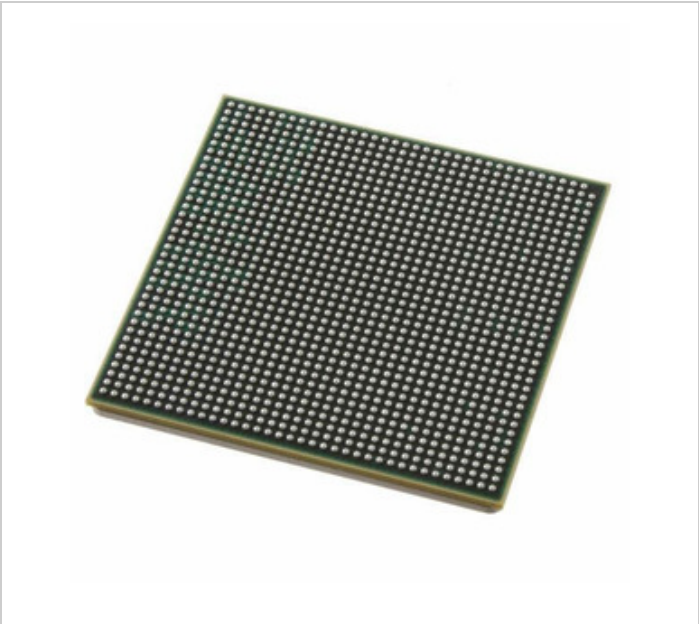


Image may be representation. See specifications for product details.

P5010NSE1QMB

Part Number:	P5010NSE1QMB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU Q OR IQ 2.0GHZ 1295FCBGA
	 1.P5010NSE1QMB.pdf
	 2.P5010NSE1QMB.pdf
	 3.P5010NSE1QMB.pdf
Datasheets:	
RoHs Status	 Contains lead / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

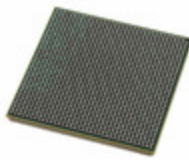
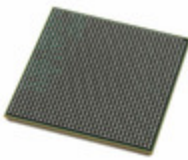
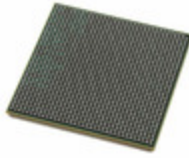
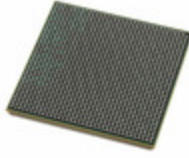
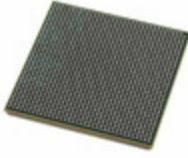
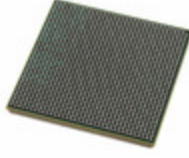
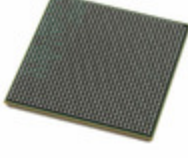
Specifications of P5010NSE1QMB

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
DATA SHEET	 1.P5010NSE1QMB.pdf  2.P5010NSE1QMB.pdf  3.P5010NSE1QMB.pdf
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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 P5010NSE1VNB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: Out stock RFQ	 P5010NSE7TNB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: Out stock RFQ
 P5010NSE1TNB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: Out stock RFQ	 P5010D135S401H Manufacturers: Agastat Relays / TE Connectivity Description: THERMISTOR PTC 40 OHM COIN In stock: Out stock RFQ
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