



NXP Semiconductors / Freescale

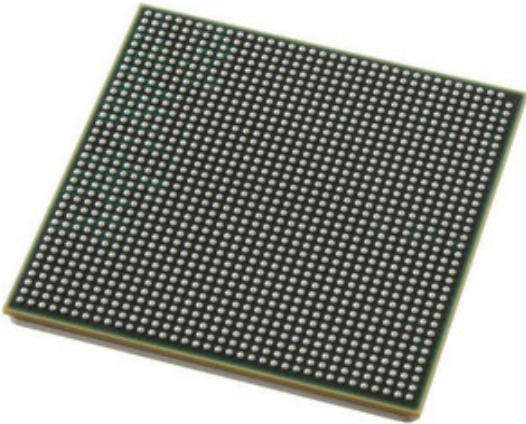


Image may be representation. See specifications for product details.

P5020NSE1QMB

Part Number:	P5020NSE1QMB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU Q OR IQ 2.0GHZ 1295FCBGA
	 1.P5020NSE1QMB.pdf
	 2.P5020NSE1QMB.pdf
	 3.P5020NSE1QMB.pdf
	 4.P5020NSE1QMB.pdf
	 5.P5020NSE1QMB.pdf
Datasheets:	 Contains lead / RoHS Compliant
RoHs Status	Hong Kong
Ship From	
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

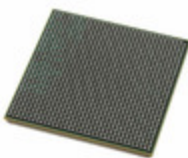
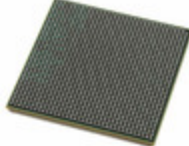
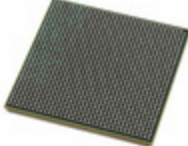
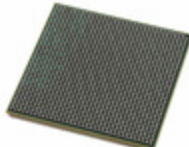
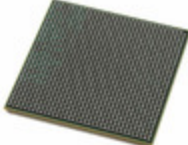
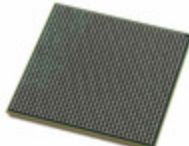
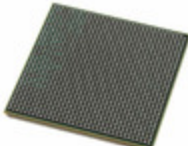
Specifications of P5020NSE1QMB

PART NUMBER	P5020NSE1QMB
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.P5020NSE1QMB.pdf  2.P5020NSE1QMB.pdf  3.P5020NSE1QMB.pdf  4.P5020NSE1QMB.pdf  5.P5020NSE1QMB.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	935319952557
OPERATING TEMPERATURE	0°C ~ 105°C (TA)
NUMBER OF CORES/BUS WIDTH	2 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 2 Core, 64-Bit 2.0GHz 1295-FCPBGA (37.5x37.5)
CORE PROCESSOR	PowerPC e5500
CO-PROCESSORS/DSP	Security; SEC 4.2
BASE PART NUMBER	P5020
ADDITIONAL INTERFACES	DUART, I ² C, MMC/SD, SPI

Related Tags

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Freescale Semiconductor - NXP P5020NSE1QMB	NXP USA Inc. P5020NSE1QMB	

Related Products

 P5020DS-PB Manufacturers: NXP Semiconductors / Freescale Description: BOARD DEV PLATFORM P5020 In stock: Out stock RFQ	 P5020NSE7VNB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: Out stock RFQ
 P5020-RDB Manufacturers: NXP Semiconductors / Freescale Description: BOARD REFERENCE DESIGN P5020 In stock: Out stock RFQ	 P502-100 Manufacturers: Tripp Lite Description: CABLE RGB COAX HD15 M M 100' In stock: Out stock RFQ
 P5020NSE7TNB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: Out stock RFQ	 P5020NSE1VNB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: Out stock RFQ
 P5020NSE7MMB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: Out stock RFQ	 P5020DS-PA Manufacturers: NXP Semiconductors / Freescale Description: BOARD REFERENCE DESIGN P5020 In stock: Out stock RFQ
 P502-075 Manufacturers: Tripp Lite Description: CABLE WITH RGB COAX HD15 M/M 75' In stock: 3 pcs RFQ	 P5020NSE1MMB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: Out stock RFQ
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