

NXP Semiconductors / Freescale

P5010NXE1VNB

Part Number:	P5010NXE1VNB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU Q OR IQ 2.0GHZ 1295FCBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5166 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

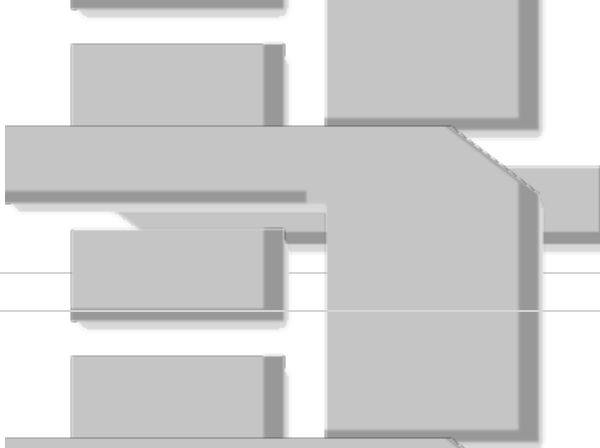
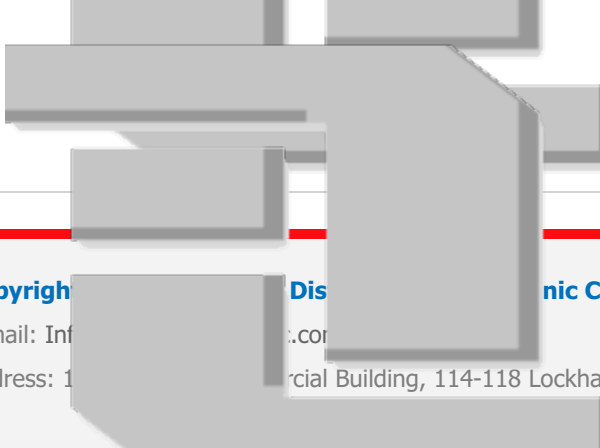
Specifications of P5010NXE1VNB

PART NUMBER	P5010NXE1VNB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU Q OR IQ 2.0GHZ 1295FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5166 pcs
DATA SHEET	
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
OPERATING TEMPERATURE	-40°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	Lead free / 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

Related Tags

P5010NXE1VNB	P5010NXE1VNB Distributor	P5010NXE1VNB Supplier
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Related Products

	P5010NSN7VNB Manufacturers: NXP Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: 277 pcs RFQ		P5010NXN1TNB Manufacturers: NXP Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: 7023 pcs RFQ
	P5010NXE7QMB Manufacturers: NXP Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: 245 pcs RFQ		P5010NXN1QMB Manufacturers: NXP Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: 5684 pcs RFQ
	P5010NXE1QMB Manufacturers: NXP Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: 3415 pcs RFQ		P5010NXN1VNB Manufacturers: NXP Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: 6858 pcs RFQ
	P5010NSN7QMB Manufacturers: NXP Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: 294 pcs RFQ		P5010NSN7TNB Manufacturers: NXP Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA In stock: 329 pcs RFQ
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