



NXP Semiconductors / Freescale

## P5020NSN1VNB

|                      |  |
|----------------------|--|
| Part Number:         | P5020NSN1VNB   |
| Manufacturer/Brand:  | NXP Semiconductors / Freescale   |
| Product description: | IC MPU Q OR IQ 2.0GHZ 1295FCBGA  |
|                      | <a href="#">PDF</a> 1.P5020NSN1VNB.pdf<br><a href="#">PDF</a> 2.P5020NSN1VNB.pdf<br><a href="#">PDF</a> 3.P5020NSN1VNB.pdf<br><a href="#">PDF</a> 4.P5020NSN1VNB.pdf<br><a href="#">PDF</a> 5.P5020NSN1VNB.pdf |
| Datasheets:          |  |
| RoHs Status:         | Contains lead / RoHS Compliant   |
| Ship From:           | Hong Kong  |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS  |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

### Specifications of P5020NSN1VNB

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | P5020NSN1VNB   |
| MANUFACTURER                     | NXP Semiconductors / Freescale   |
| DESCRIPTION                      | IC MPU Q OR IQ 2.0GHZ 1295FCBGA  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS Compliant   |
| DATA SHEET                       | <a href="#">PDF</a> 1.P5020NSN1VNB.pdf<br><a href="#">PDF</a> 2.P5020NSN1VNB.pdf<br><a href="#">PDF</a> 3.P5020NSN1VNB.pdf<br><a href="#">PDF</a> 4.P5020NSN1VNB.pdf<br><a href="#">PDF</a> 5.P5020NSN1VNB.pdf |
| VOLTAGE - I/O                    | -  |
| USB                              | USB 2.0 + PHY (2)  |
| SUPPLIER DEVICE PACKAGE          | 1295-FCBGA (37.5x37.5)   |
| SPEED                            | 2.0GHz   |
| SERIES                           | QorIQ P5   |
| SECURITY FEATURES                | -  |
| SATA                             | SATA 3Gbps (2)   |
| RAM CONTROLLERS                  | DDR3, DDR3L  |
| PACKAGING                        | Tray   |
| PACKAGE / CASE                   | 1295-BBGA, FCBGA   |
| OTHER NAMES                      | 935325693557   |
| 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-FCBGA (37.5x37.5)  |
| CORE PROCESSOR                   | PowerPC e5500  |
| CO-PROCESSORS/DSP                | -  |
| BASE PART NUMBER                 | P5020  |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, MMC/SD, SPI   |

### Related Tags

|   |   |   |
|---|---|---|
| NXP Semiconductors / Freescale P5020NSN1VNB | P5020NSN1VNB Distributor                | P5020NSN1VNB Supplier                           |
| P5020NSN1VNB Price                          | P5020NSN1VNB Pictures                   | P5020NSN1VNB Image                              |
| P5020NSN1VNB PDF Datasheet                  | P5020NSN1VNB Download Datasheet         | P5020NSN1VNB Datasheet                          |
| P5020NSN1VNB Stock                          | Buy P5020NSN1VNB                        | Buy NXP Semiconductors / Freescale P5020NSN1VNB |
| NXP Semiconductors / Freescale P5020NSN1VNB | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor      |
| NXP Semiconductors / Freescale P5020NSN1VNB | NXP Semiconductors P5020NSN1VNB         | Freescale P5020NSN1VNB                          |
| Freescale Semiconductor - NXP P5020NSN1VNB  | NXP USA Inc. P5020NSN1VNB               |   |

### Related Products

|  |  |
|--|--|
| <br><b>P5020NSE7VNB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br>In stock: Out stock<br><a href="#">RFQ</a> | <br><b>P5020NXE1TNB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br>In stock: Out stock<br><a href="#">RFQ</a> |
| <br><b>P5020NSN1MMB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br>In stock: Out stock<br><a href="#">RFQ</a> | <br><b>P5020NSN7TNB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br>In stock: Out stock<br><a href="#">RFQ</a> |
| <br><b>P5020NSE7TNB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br>In stock: Out stock<br><a href="#">RFQ</a> | <br><b>P5020NSN1TNB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br>In stock: Out stock<br><a href="#">RFQ</a> |
| <br><b>P5020NSN7QMB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br>In stock: Out stock<br><a href="#">RFQ</a> | <br><b>P5020NXE1QMB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br>In stock: Out stock<br><a href="#">RFQ</a> |
| <br><b>P5020NSN7VNB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br>In stock: Out stock<br><a href="#">RFQ</a> | <br><b>P5020NSN1QMB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br>In stock: Out stock<br><a href="#">RFQ</a> |
| <br><b>P5020NSN7MMB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br>In stock: Out stock<br><a href="#">RFQ</a> | <br><b>P5020NSE7QMB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 2.0GHZ 1295FCBGA<br>In stock: Out stock<br><a href="#">RFQ</a> |