

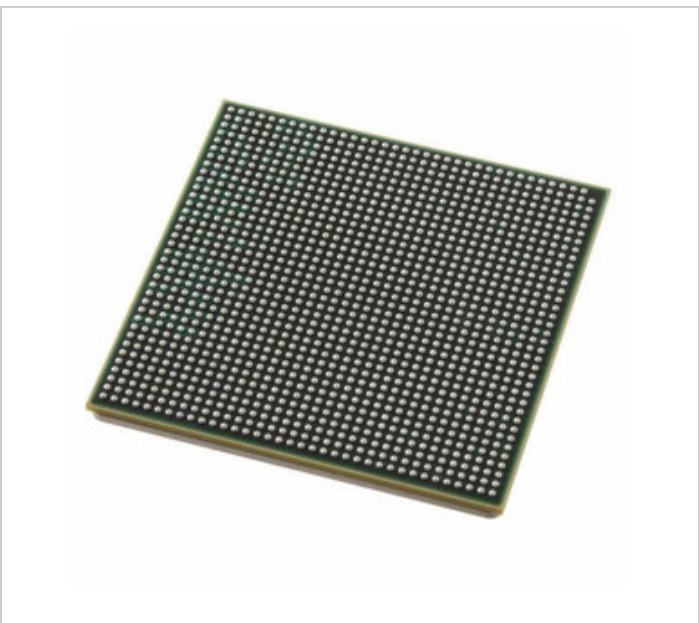


Image may be representation. See specifications for product details.

P4080NXN7MMC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P4080NXN7MMC                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU Q OR IQ 1.5GHZ 1295FCBGA                                                                              |
|                     |  1.P4080NXN7MMC.pdf         |
|                     |  2.P4080NXN7MMC.pdf         |
|                     |  3.P4080NXN7MMC.pdf         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

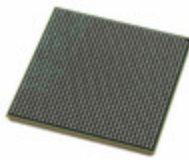
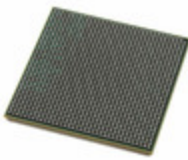
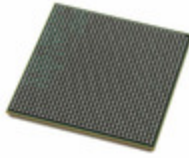
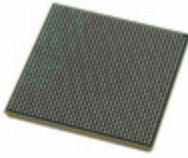
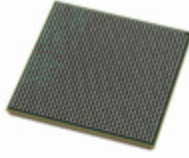
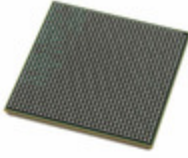
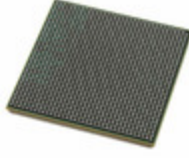
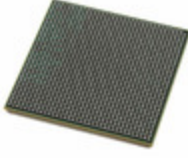
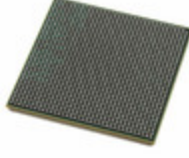
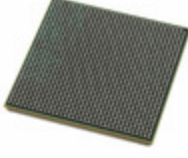
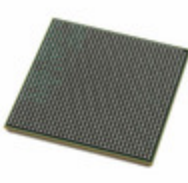
Specifications of P4080NXN7MMC

|                                  |                                                                                                                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | P4080NXN7MMC                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MPU Q OR IQ 1.5GHZ 1295FCBGA                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       |  1.P4080NXN7MMC.pdf<br> 2.P4080NXN7MMC.pdf<br> 3.P4080NXN7MMC.pdf |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                                                                                                                                                                                                                                                           |
| USB                              | USB 2.0 + PHY (2)                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 1295-FCPBGA (37.5x37.5)                                                                                                                                                                                                                                                                                                    |
| SPEED                            | 1.5GHz                                                                                                                                                                                                                                                                                                                     |
| SERIES                           | QorIQ P4                                                                                                                                                                                                                                                                                                                   |
| SECURITY FEATURES                | -                                                                                                                                                                                                                                                                                                                          |
| SATA                             | -                                                                                                                                                                                                                                                                                                                          |
| RAM CONTROLLERS                  | DDR2, DDR3                                                                                                                                                                                                                                                                                                                 |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 1295-BBGA, FCBGA                                                                                                                                                                                                                                                                                                           |
| OTHER NAMES                      | 935323328557                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                                                                                                                         |
| NUMBER OF CORES/BUS WIDTH        | 8 Core, 32-Bit                                                                                                                                                                                                                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                 |
| GRAPHICS ACCELERATION            | No                                                                                                                                                                                                                                                                                                                         |
| ETHERNET                         | 1 Gbps (8), 10 Gbps (2)                                                                                                                                                                                                                                                                                                    |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | PowerPC e500mc Microprocessor IC QorIQ P4 8 Core, 32-Bit 1.5GHz 1295-FCPBGA (37.5x37.5)                                                                                                                                                                                                                                    |
| CORE PROCESSOR                   | PowerPC e500mc                                                                                                                                                                                                                                                                                                             |
| CO-PROCESSORS/DSP                | -                                                                                                                                                                                                                                                                                                                          |
| BASE PART NUMBER                 | P4080                                                                                                                                                                                                                                                                                                                      |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, MMC/SD, RapidIO, SPI                                                                                                                                                                                                                                                                              |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| NXP Semiconductors / Freescale P4080NXN7MMC | P4080NXN7MMC Distributor                | P4080NXN7MMC Supplier                           |
| P4080NXN7MMC Price                          | P4080NXN7MMC Pictures                   | P4080NXN7MMC Image                              |
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| NXP Semiconductors / Freescale P4080NXN7MMC | NXP Semiconductors P4080NXN7MMC         | Freescale P4080NXN7MMC                          |
| Freescale Semiconductor - NXP P4080NXN7MMC  | NXP USA Inc. P4080NXN7MMC               |                                                 |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>P4080PSE1MZA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>P4080NSN7PNAC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>P4080NSN7PNC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>P4081NSE7MMC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.2GHZ 1295FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>P4080NXN1MMB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>P4080NXE7PNAC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>P4080NXE7MMC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>P4081NSN7KKC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.2GHZ 1295FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>P4081NSE7KKC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.2GHZ 1295FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>P4081NSN7MMC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.2GHZ 1295FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>P4080PCIE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: DEV SYSTEM P4080 PCIE<br/>In stock: 9 pcs<br/><div>RFQ</div></div>                  |  <div><b>P4080NXE1MMB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |