

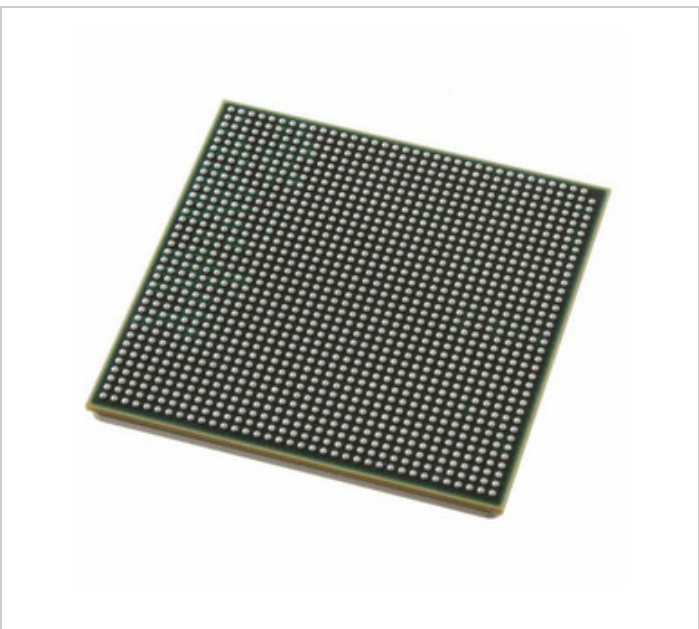


Image may be representation. See specifications for product details.

P4080PSE1MZA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P4080PSE1MZA                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU Q OR IQ 1.5GHZ 1295FCBGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

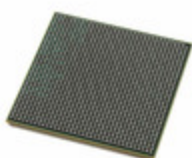
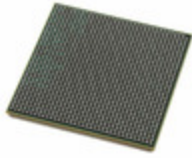
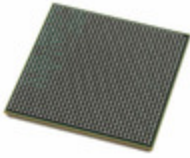
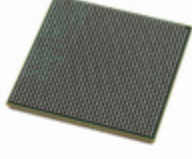
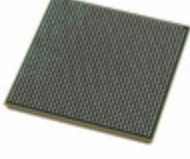
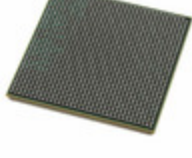
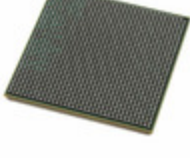
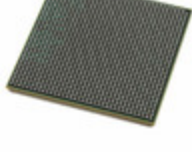
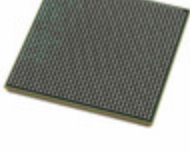
Specifications of P4080PSE1MZA

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| PART NUMBER                      | P4080PSE1MZA                                                                           |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                         |
| DESCRIPTION                      | IC MPU Q OR IQ 1.5GHZ 1295FCBGA                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                             |
| DATA SHEET                       |                                                                                        |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                       |
| USB                              | USB 2.0 + PHY (2)                                                                      |
| SUPPLIER DEVICE PACKAGE          | 1295-FCBGA (37.5x37.5)                                                                 |
| SPEED                            | 1.5GHz                                                                                 |
| SERIES                           | QorIQ P4                                                                               |
| SECURITY FEATURES                | Boot Security, Cryptography, Random Number Generator, Secure Fusebox                   |
| SATA                             | -                                                                                      |
| RAM CONTROLLERS                  | DDR2, DDR3                                                                             |
| PACKAGING                        | Tray                                                                                   |
| PACKAGE / CASE                   | 1295-BBGA, FCBGA                                                                       |
| OPERATING TEMPERATURE            | 0°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-FCBGA (37.5x37.5) |
| CORE PROCESSOR                   | PowerPC e500mc                                                                         |
| CO-PROCESSORS/DSP                | Security; SEC 4.0                                                                      |
| BASE PART NUMBER                 | P4080                                                                                  |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, MMC/SD, RapidIO, SPI                                          |

Related Tags

|                                             |                                         |                                                 |
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| NXP Semiconductors / Freescale P4080PSE1MZA | P4080PSE1MZA Distributor                | P4080PSE1MZA Supplier                           |
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| Freescale Semiconductor - NXP P4080PSE1MZA  | NXP USA Inc. P4080PSE1MZA               |                                                 |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                  |
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|  <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>P409CE104M275AH101</b><br/>Manufacturers: KEMET<br/>Description: FILTER RC 100 OHM/0.1UF TH<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>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>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> |
|  <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>P4080NXN7MMC</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>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>P409CE104M275AH220</b><br/>Manufacturers: KEMET<br/>Description: FILTER RC 22 OHM/0.1UF TH<br/>In stock: 236 pcs<br/><div>RFQ</div></div>                            |