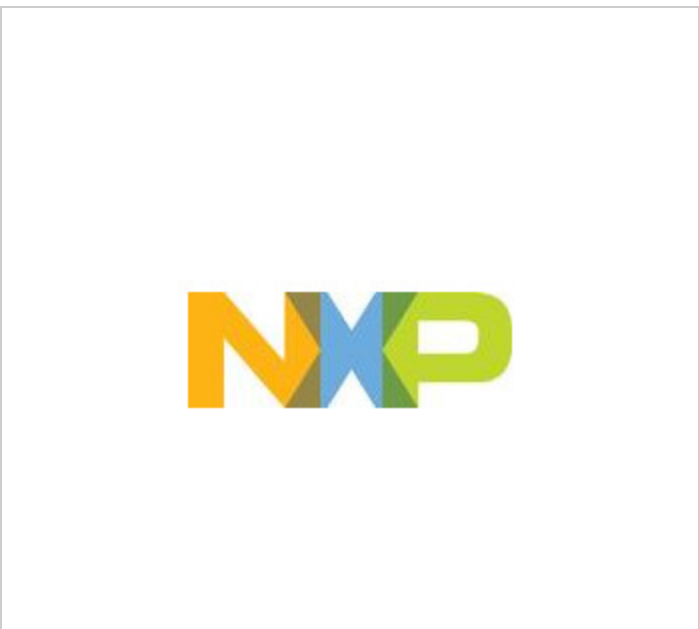




NXP Semiconductors / Freescale



P2041NXE7NNC

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | P2041NXE7NNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product description | IC MPU Q OR IQ 1.3GHZ 780FCBGA <div> 1.P2041NXE7NNC.pdf</div> <div> 2.P2041NXE7NNC.pdf</div> <div> 3.P2041NXE7NNC.pdf</div> <div> 4.P2041NXE7NNC.pdf</div> <div> 5.P2041NXE7NNC.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

REQUEST FOR QUOTATION

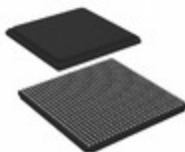
Specifications of P2041NXE7NNC

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | P2041NXE7NNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MPU Q OR IQ 1.3GHZ 780FCBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DATA SHEET                       | <div> 1.P2041NXE7NNC.pdf</div> <div> 2.P2041NXE7NNC.pdf</div> <div> 3.P2041NXE7NNC.pdf</div> <div> 4.P2041NXE7NNC.pdf</div> <div> 5.P2041NXE7NNC.pdf</div> |
| VOLTAGE - I/O                    | 1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| USB                              | USB 2.0 + PHY (2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 780-FCBGA (23x23)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SPEED                            | 1.3GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | QorIQ P2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SECURITY FEATURES                | Boot Security, Cryptography, Random Number Generator, Secure Fusebox                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SATA                             | SATA 3Gbps (2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RAM CONTROLLERS                  | DDR3, DDR3L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 780-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| OTHER NAMES                      | 935325784557                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF CORES/BUS WIDTH        | 4 Core, 32-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| GRAPHICS ACCELERATION            | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ETHERNET                         | 10/100/1000 Mbps (5), 10 Gbps (1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DETAILED DESCRIPTION             | PowerPC e500mc Microprocessor IC QorIQ P2 4 Core, 32-Bit 1.3GHz 780-FCBGA (23x23)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CORE PROCESSOR                   | PowerPC e500mc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CO-PROCESSORS/DSP                | Security; SEC 4.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| BASE PART NUMBER                 | P2041                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, MMC/SD, RapidIO, SPI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| NXP Semiconductors / Freescale P2041NXE7NNC | P2041NXE7NNC Distributor                | P2041NXE7NNC Supplier                           |
| P2041NXE7NNC Price                          | P2041NXE7NNC Pictures                   | P2041NXE7NNC Image                              |
| P2041NXE7NNC PDF Datasheet                  | P2041NXE7NNC Download Datasheet         | P2041NXE7NNC Datasheet                          |
| P2041NXE7NNC Stock                          | Buy P2041NXE7NNC                        | Buy NXP Semiconductors / Freescale P2041NXE7NNC |
| NXP Semiconductors / Freescale P2041NXE7NNC | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor      |
| NXP Semiconductors / Freescale P2041NXE7NNC | NXP Semiconductors P2041NXE7NNC         | Freescale P2041NXE7NNC                          |
| Freescale Semiconductor - NXP P2041NXE7NNC  | NXP USA Inc. P2041NXE7NNC               |                                                 |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>P2041NXN7NNC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.3GHZ 780FCBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>P2041NXE1NNB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.3GHZ 780FCBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>P2041NXN1PNB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>P2041NXE1MMB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>P2041NXE1PNB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>P2041NXN7MMC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>P2041NXE7MMC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>P2041NXE7PNC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA<br/>In stock: 151 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>P2041NXN1MMB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>P2041NSN7PNC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>P2041NSN7PNAC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>P2041NXN1NNB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.3GHZ 780FCBGA<br/>In stock: Out stock</div> <div>RFQ</div> |