

NXP Semiconductors / Freescale

P2041NSE1PNB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P2041NSE1PNB                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU Q OR IQ 1.5GHZ 780FCBGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4031 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

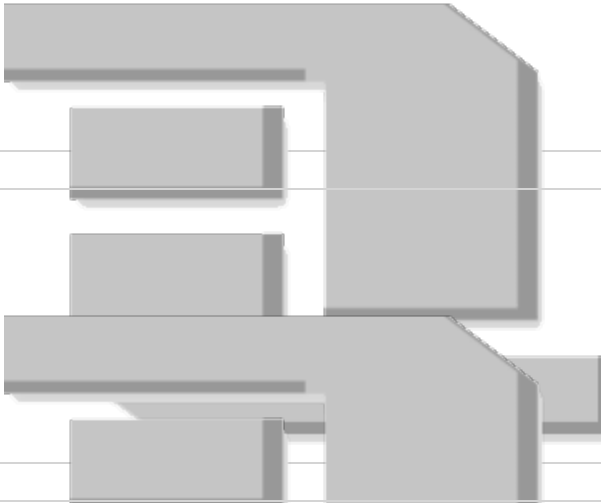
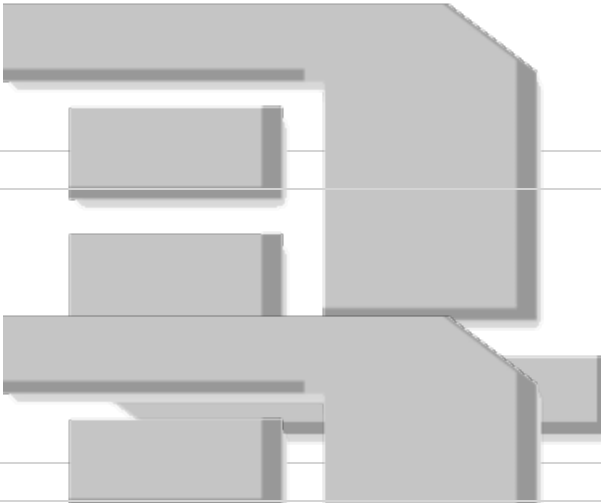
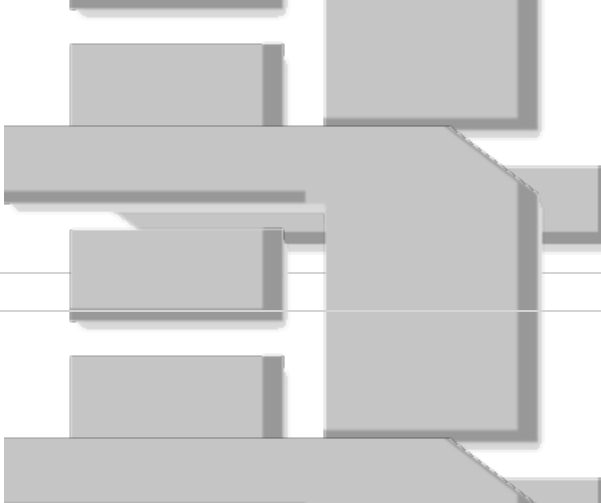
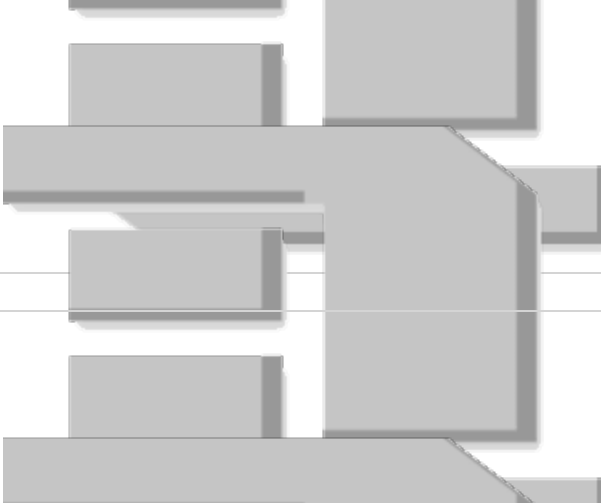
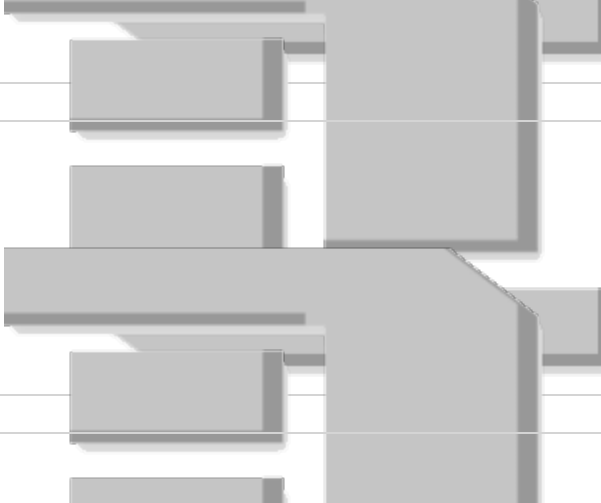
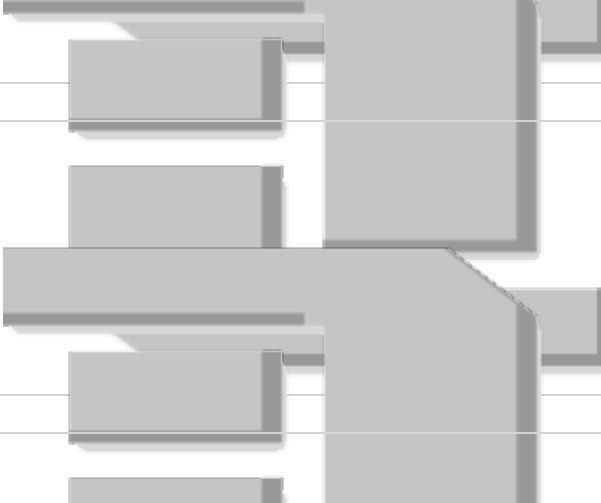
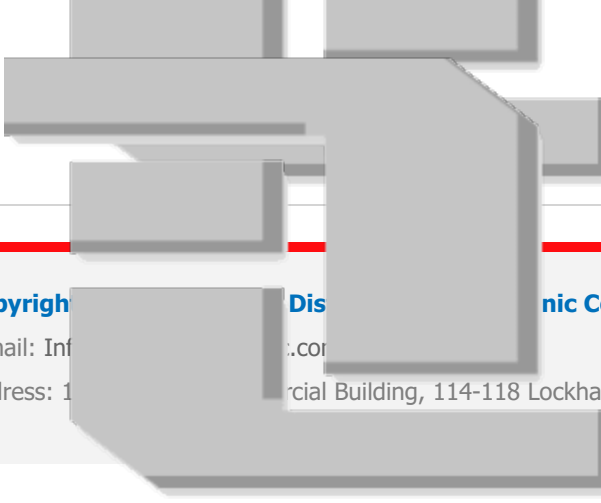
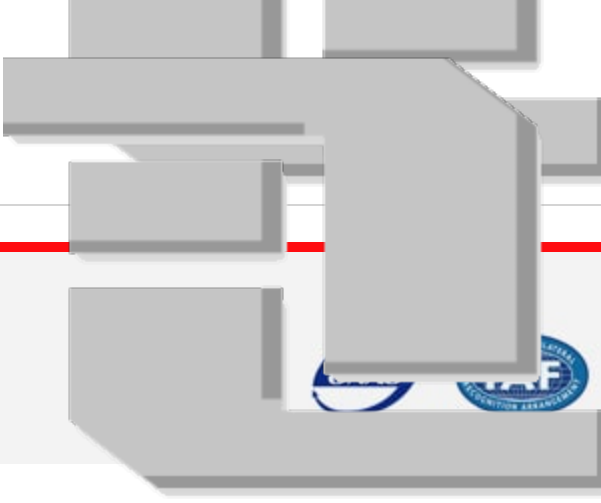
Specifications of P2041NSE1PNB

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | P2041NSE1PNB                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | IC MPU Q OR IQ 1.5GHZ 780FCBGA                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| QUANTITY AVAILABLE               | 4031 pcs                                                                           |
| DATA SHEET                       |                                                                                    |
| 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-FCPBGA (23x23)                                                                 |
| SPEED                            | 1.5GHz                                                                             |
| 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                                                                    |
| OPERATING TEMPERATURE            | 0°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 1.5GHz 780-FCPBGA (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

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| P2041NSE1PNB               | P2041NSE1PNB Distributor        | P2041NSE1PNB Supplier  |
| P2041NSE1PNB Price         | P2041NSE1PNB Pictures           | P2041NSE1PNB Image     |
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| P2041NSE1PNB               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                        |                                                                                      |                                                                                                                                        |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>P2041NSE1NNB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 1.3GHZ 780FCBGA<br/>In stock: 3332 pcs</p> <p>RFQ</p> |  | <p><b>P2041NSE7PNAC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA<br/>In stock: 477 pcs</p> <p>RFQ</p> |
|  | <p><b>P2040NXE7MMC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA<br/>In stock: 427 pcs</p> <p>RFQ</p>  |  | <p><b>P2041NSN1PNB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA<br/>In stock: 3675 pcs</p> <p>RFQ</p> |
|  | <p><b>P2040NXN7MMC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA<br/>In stock: 514 pcs</p> <p>RFQ</p>  |  | <p><b>P2041NSN1NNB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 1.3GHZ 780FCBGA<br/>In stock: 6998 pcs</p> <p>RFQ</p> |
|  | <p><b>P2041NSE7NNC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 1.3GHZ 780FCBGA<br/>In stock: 417 pcs</p> <p>RFQ</p>  |  | <p><b>P2040NXN1FLB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 667MHZ 780FCBGA<br/>In stock: 4351 pcs</p> <p>RFQ</p> |
|  | <p><b>P2041NSE7PNC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 1.5GHZ 780FCBGA<br/>In stock: 350 pcs</p> <p>RFQ</p>  |  | <p><b>P2041NSE1MMB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA<br/>In stock: 6765 pcs</p> <p>RFQ</p> |
|  | <p><b>P2041NSE7MMC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA<br/>In stock: 446 pcs</p> <p>RFQ</p>  |  | <p><b>P2040NXN1MMB</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU Q OR IQ 1.2GHZ 780FCBGA<br/>In stock: 3980 pcs</p> <p>RFQ</p> |