

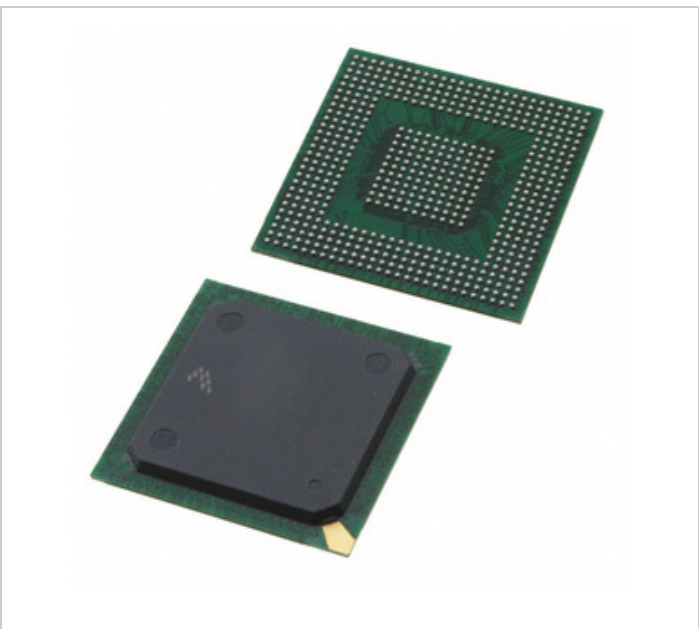


Image may be representation. See specifications for product details.

P1025NXN5DFB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P1025NXN5DFB                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU Q OR IQ 667MHZ 561TEBGA1                                                                              |
|                     |  1.P1025NXN5DFB.pdf         |
|                     |  2.P1025NXN5DFB.pdf         |
|                     |  3.P1025NXN5DFB.pdf         |
|                     |  4.P1025NXN5DFB.pdf         |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

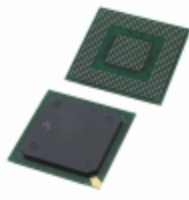
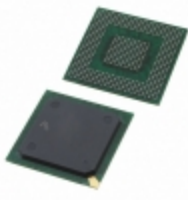
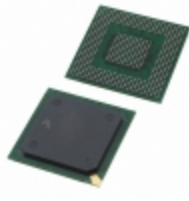
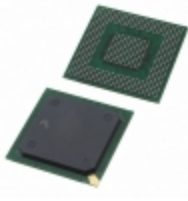
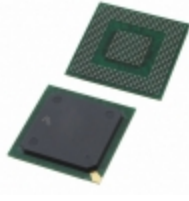
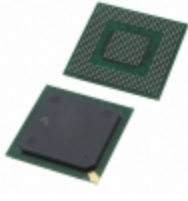
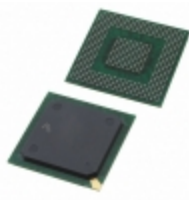
Specifications of P1025NXN5DFB

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | P1025NXN5DFB                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                                                                                                                                       |
| DESCRIPTION                      | IC MPU Q OR IQ 667MHZ 561TEBGA1                                                                                                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                           |
| DATA SHEET                       |  1.P1025NXN5DFB.pdf<br> 2.P1025NXN5DFB.pdf<br> 3.P1025NXN5DFB.pdf<br> 4.P1025NXN5DFB.pdf |
| VOLTAGE - I/O                    | -                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| USB                              | USB 2.0 + PHY (2)                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 561-TEPBGA1 (23x23)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SPEED                            | 667MHz                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SERIES                           | QorIQ P1                                                                                                                                                                                                                                                                                                                                                                                                                             |
| SECURITY FEATURES                | -                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SATA                             | -                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RAM CONTROLLERS                  | DDR2, DDR3                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 561-FBGA                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF CORES/BUS WIDTH        | 2 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 (3)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | PowerPC e500v2 Microprocessor IC QorIQ P1 2 Core, 32-Bit 667MHz 561-TEPBGA1 (23x23)                                                                                                                                                                                                                                                                                                                                                  |
| CORE PROCESSOR                   | PowerPC e500v2                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CO-PROCESSORS/DSP                | Communications; QUICC Engine                                                                                                                                                                                                                                                                                                                                                                                                         |
| BASE PART NUMBER                 | P1025                                                                                                                                                                                                                                                                                                                                                                                                                                |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, MMC/SD, SPI                                                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| NXP Semiconductors / Freescale P1025NXN5DFB | P1025NXN5DFB Distributor                | P1025NXN5DFB Supplier                           |
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| P1025NXN5DFB PDF Datasheet                  | P1025NXN5DFB Download Datasheet         | P1025NXN5DFB Datasheet                          |
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| NXP Semiconductors / Freescale P1025NXN5DFB | NXP Semiconductors P1025NXN5DFB         | Freescale P1025NXN5DFB                          |
| Freescale Semiconductor - NXP P1025NXN5DFB  | NXP USA Inc. P1025NXN5DFB               |                                                 |

Related Products

|                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>P103MU-RCT-F</b><br>Manufacturers: Cornell Dubilier Electronics<br>Description: CAPACITOR CERAMIC RADIAL<br>In stock: Out stock<br><b>RFQ</b>          |  <b>P1025RDB-PA</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: BOARD REFERENCE DESIGN P1025<br>In stock: Out stock<br><b>RFQ</b>     |
|  <b>P1025NSE5DFB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 667MHZ 561TEBGA1<br>In stock: Out stock<br><b>RFQ</b> |  <b>P1025NXE5BFB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 667MHZ 561TEBGA1<br>In stock: Out stock<br><b>RFQ</b> |
|  <b>P1025NSE5BFB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 667MHZ 561TEBGA1<br>In stock: Out stock<br><b>RFQ</b> |  <b>P1025NXN5BFB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 667MHZ 561TEBGA1<br>In stock: Out stock<br><b>RFQ</b> |
|  <b>P1025NSN5BFB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 667MHZ 561TEBGA1<br>In stock: Out stock<br><b>RFQ</b> |  <b>P1025NSN5DFB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 667MHZ 561TEBGA1<br>In stock: Out stock<br><b>RFQ</b> |
|  <b>P1032CN</b><br>Manufacturers: Hoffmann<br>Description: CAGE NUT PKG (20) #10-32<br>In stock: 6 pcs<br><b>RFQ</b>                                       |  <b>P103MU-RCT</b><br>Manufacturers: Cornell Dubilier Electronics<br>Description: CAPACITOR CERAMIC RADIAL<br>In stock: Out stock<br><b>RFQ</b>            |
|  <b>P1025PSE5BFB</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU Q OR IQ 667MHZ 561TEBGA1<br>In stock: Out stock<br><b>RFQ</b> |  <b>P1030001</b><br>Manufacturers: Makeblock<br>Description: NEURON INVENTOR KIT<br>In stock: 149 pcs<br><b>RFQ</b>                                        |