

NXP Semiconductors / Freescale

P1022NSE2MHB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P1022NSE2MHB                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU Q OR IQ 1.055GHZ 689TBGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 957 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of P1022NSE2MHB

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | P1022NSE2MHB                                                                            |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                          |
| DESCRIPTION                      | IC MPU Q OR IQ 1.055GHZ 689TBGA                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| QUANTITY AVAILABLE               | 957 pcs                                                                                 |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - I/O                    | -                                                                                       |
| USB                              | USB 2.0 + PHY (2)                                                                       |
| SUPPLIER DEVICE PACKAGE          | 689-TEPBGA II (31x31)                                                                   |
| SPEED                            | 1.055GHz                                                                                |
| SERIES                           | QorIQ P1                                                                                |
| SECURITY FEATURES                | Cryptography, Random Number Generator                                                   |
| SATA                             | SATA 3Gbps (2)                                                                          |
| RAM CONTROLLERS                  | DDR2, DDR3                                                                              |
| PACKAGING                        | Tray                                                                                    |
| PACKAGE / CASE                   | 689-BBGA Exposed Pad                                                                    |
| OTHER NAMES                      | 935314413557                                                                            |
| OPERATING TEMPERATURE            | 0°C ~ 105°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 (2)                                                                    |
| DISPLAY & INTERFACE CONTROLLERS  | LCD                                                                                     |
| DETAILED DESCRIPTION             | PowerPC e500v2 Microprocessor IC QorIQ P1 2 Core, 32-Bit 1.055GHz 689-TEPBGA II (31x31) |
| CORE PROCESSOR                   | PowerPC e500v2                                                                          |
| CO-PROCESSORS/DSP                | Security; SEC                                                                           |
| BASE PART NUMBER                 | P1022                                                                                   |
| ADDITIONAL INTERFACES            | DUART, I²C, I²S, MMC/SD, SPI                                                            |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| P1022NSE2MHB               | P1022NSE2MHB Distributor        | P1022NSE2MHB Supplier  |
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| P1022NSE2MHB               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                               |                                                                                      |                                                                                                                                               |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>P1022NSE2EFB</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MPU Q OR IQ 1.055GHZ 689TBGA</p> <p>In stock: 3348 pcs</p> <p>RFQ</p> |  | <p><b>P1022NXE2HFB</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MPU Q OR IQ 1.055GHZ 689TBGA</p> <p>In stock: 908 pcs</p> <p>RFQ</p>  |
|  | <p><b>P1022COME-DS-PB</b></p> <p>Manufacturers: NXP</p> <p>Description: COM EXPRESS KIT P1022</p> <p>In stock: 44 pcs</p> <p>RFQ</p>          |  | <p><b>P1022NSN2MHB</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MPU Q OR IQ 1.055GHZ 689TBGA</p> <p>In stock: 966 pcs</p> <p>RFQ</p>  |
|  | <p><b>P1022NSN2EFB</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MPU Q OR IQ 1.055GHZ 689TBGA</p> <p>In stock: 1573 pcs</p> <p>RFQ</p> |  | <p><b>P1022NSE2LHB</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MPU Q OR IQ 1.067GHZ 689TBGA</p> <p>In stock: 1172 pcs</p> <p>RFQ</p> |
|  | <p><b>P1022NSE2HFB</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MPU Q OR IQ 1.055GHZ 689TBGA</p> <p>In stock: 1330 pcs</p> <p>RFQ</p> |  | <p><b>P1022NXE2EFB</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MPU Q OR IQ 1.055GHZ 689TBGA</p> <p>In stock: 3330 pcs</p> <p>RFQ</p> |
|  | <p><b>P1022NSE2LFB</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MPU Q OR IQ 1.055GHZ 689TBGA</p> <p>In stock: 1188 pcs</p> <p>RFQ</p> |  | <p><b>P1022DS-PA</b></p> <p>Manufacturers: NXP</p> <p>Description: BOARD REFERENCE DESIGN P1022</p> <p>In stock: 6285 pcs</p> <p>RFQ</p>      |
|  | <p><b>P1022NSN2LFB</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MPU Q OR IQ 1.055GHZ 689TBGA</p> <p>In stock: 949 pcs</p> <p>RFQ</p>  |  | <p><b>P1022NSN2HFB</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MPU Q OR IQ 1.055GHZ 689TBGA</p> <p>In stock: 1416 pcs</p> <p>RFQ</p> |