



NXP Semiconductors / Freescale

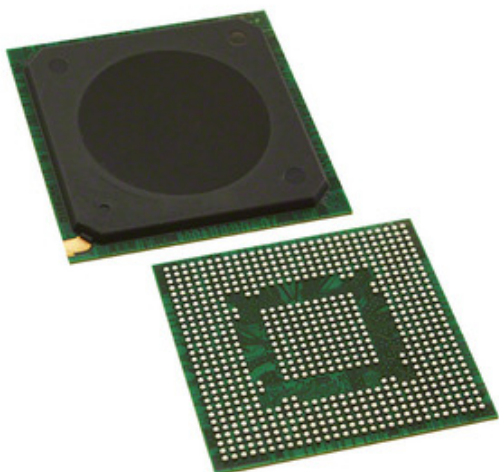


Image may be representation. See specifications for product details.

P1022NSE2LFB

Part Number:

Manufacturer/Brand:

Product description

Datasheets:

RoHs Status

Ship From

Shipment Way

P1022NSE2LFB

NXP Semiconductors / Freescale

IC MPU Q OR IQ 1.055GHZ 689TBGA

 1.P1022NSE2LFB.pdf

 2.P1022NSE2LFB.pdf

 3.P1022NSE2LFB.pdf

 4.P1022NSE2LFB.pdf

 5.P1022NSE2LFB.pdf

 6.P1022NSE2LFB.pdf

 Lead free / RoHS Compliant

Hong Kong

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

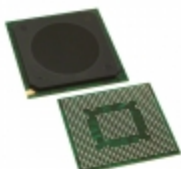
Specifications of P1022NSE2LFB

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | P1022NSE2LFB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DESCRIPTION                      | IC MPU Q OR IQ 1.055GHZ 689TBGA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| DATA SHEET                       | <div> 1.P1022NSE2LFB.pdf</div> <div> 2.P1022NSE2LFB.pdf</div> <div> 3.P1022NSE2LFB.pdf</div> <div> 4.P1022NSE2LFB.pdf</div> <div> 5.P1022NSE2LFB.pdf</div> <div> 6.P1022NSE2LFB.pdf</div> |
| 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                      | 935323039557                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 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, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SD, SPI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

Related Tags

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| Freescale Semiconductor - NXP P1022NSE2LFB  | NXP USA Inc. P1022NSE2LFB               |                                                 |

Related Products



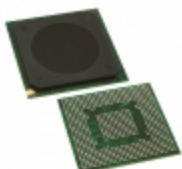
P1022NSN2HFB

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU Q OR IQ 1.055GHZ 689TBGA

In stock: Out stock

RFQ



P1022NSN2EFB

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU Q OR IQ 1.055GHZ 689TBGA

In stock: Out stock

RFQ



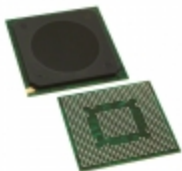
P1022-RDK

Manufacturers: NXP Semiconductors / Freescale

Description: KIT REFERENCE DESIGN P1022

In stock: Out stock

RFQ



P1022NSN2LFB

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU Q OR IQ 1.055GHZ 689TBGA

In stock: 32 pcs

RFQ



P1022DS-PA

Manufacturers: NXP Semiconductors / Freescale

Description: BOARD REFERENCE DESIGN P1022

In stock: Out stock

RFQ



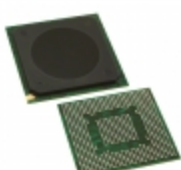
P1022COME-DS-PB

Manufacturers: NXP Semiconductors / Freescale

Description: COM EXPRESS KIT P1022

In stock: Out stock

RFQ



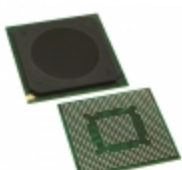
P1022NSE2EFB

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU Q OR IQ 1.055GHZ 689TBGA

In stock: Out stock

RFQ



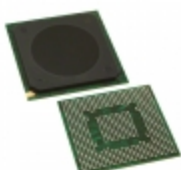
P1022NSE2HFB

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU Q OR IQ 1.055GHZ 689TBGA

In stock: Out stock

RFQ



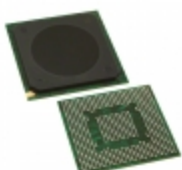
P1022NSE2MHB

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU Q OR IQ 1.055GHZ 689TBGA

In stock: Out stock

RFQ



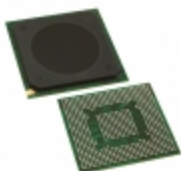
P1022NSE2LHB

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU Q OR IQ 1.067GHZ 689TBGA

In stock: Out stock

RFQ



P1022NSN2MHB

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU Q OR IQ 1.055GHZ 689TBGA

In stock: Out stock

RFQ



P1021RDB-PC

Manufacturers: NXP Semiconductors / Freescale

Description: BOARD REFERENCE DESIGN P1021

In stock: Out stock

RFQ

