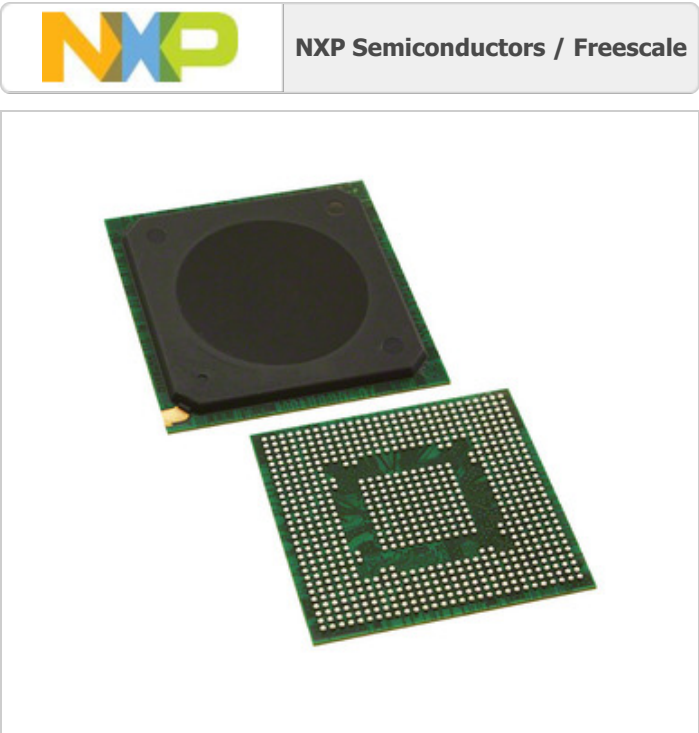




P1012NSE2HFB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | P1012NSE2HFB                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU Q OR IQ 800MHZ 689TEBGA                                                                               |
|                     | <a href="#">PDF</a> 1.P1012NSE2HFB.pdf                                                                       |
|                     | <a href="#">PDF</a> 2.P1012NSE2HFB.pdf                                                                       |
|                     | <a href="#">PDF</a> 3.P1012NSE2HFB.pdf                                                                       |
|                     | <a href="#">PDF</a> 4.P1012NSE2HFB.pdf                                                                       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

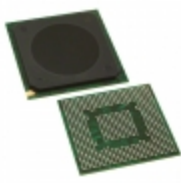
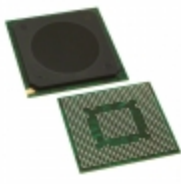
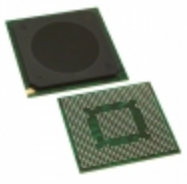
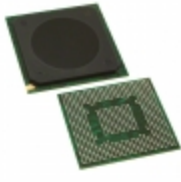
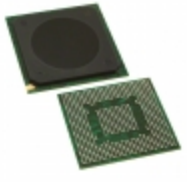
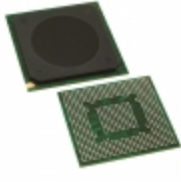
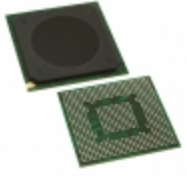
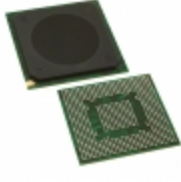
Specifications of P1012NSE2HFB

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | P1012NSE2HFB                                                                          |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                        |
| DESCRIPTION                      | IC MPU Q OR IQ 800MHZ 689TEBGA                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                            |
| DATA SHEET                       | <a href="#">PDF</a> 1.P1012NSE2HFB.pdf                                                |
|                                  | <a href="#">PDF</a> 2.P1012NSE2HFB.pdf                                                |
|                                  | <a href="#">PDF</a> 3.P1012NSE2HFB.pdf                                                |
|                                  | <a href="#">PDF</a> 4.P1012NSE2HFB.pdf                                                |
| VOLTAGE - I/O                    | -                                                                                     |
| USB                              | USB 2.0 + PHY (2)                                                                     |
| SUPPLIER DEVICE PACKAGE          | 689-TEPBGA II (31x31)                                                                 |
| SPEED                            | 800MHz                                                                                |
| SERIES                           | QorIQ P1                                                                              |
| SECURITY FEATURES                | Cryptography, Random Number Generator                                                 |
| SATA                             | -                                                                                     |
| RAM CONTROLLERS                  | DDR2, DDR3                                                                            |
| PACKAGING                        | Tray                                                                                  |
| PACKAGE / CASE                   | 689-BBGA Exposed Pad                                                                  |
| OTHER NAMES                      | 935319623557                                                                          |
| OPERATING TEMPERATURE            | 0°C ~ 125°C (TA)                                                                      |
| NUMBER OF CORES/BUS WIDTH        | 1 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 1 Core, 32-Bit 800MHz 689-TEPBGA II (31x31) |
| CORE PROCESSOR                   | PowerPC e500v2                                                                        |
| CO-PROCESSORS/DSP                | Communications; QUICC Engine, Security; SEC 3.3                                       |
| BASE PART NUMBER                 | P1012                                                                                 |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, MMC/SD, SPI                                                  |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| NXP Semiconductors / Freescale P1012NSE2HFB | P1012NSE2HFB Distributor                | P1012NSE2HFB Supplier                           |
| P1012NSE2HFB Price                          | P1012NSE2HFB Pictures                   | P1012NSE2HFB Image                              |
| P1012NSE2HFB PDF Datasheet                  | P1012NSE2HFB Download Datasheet         | P1012NSE2HFB Datasheet                          |
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| NXP Semiconductors / Freescale P1012NSE2HFB | NXP Semiconductors P1012NSE2HFB         | Freescale P1012NSE2HFB                          |
| Freescale Semiconductor - NXP P1012NSE2HFB  | NXP USA Inc. P1012NSE2HFB               |                                                 |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>P1011U2WMWCNQE2</b><br/>Manufacturers: C&amp;K<br/>Description: SWITCH KEY 2POS SPDT 4A 125V 4PC<br/>In stock: Out stock</div> <div>RFQ</div>                    |  <div><b>P1011UTC M03Q22</b><br/>Manufacturers: C&amp;K<br/>Description: SWITCH KEYLOCK 2POS SPDT 4A 125V<br/>In stock: Out stock</div> <div>RFQ</div>                    |
|  <div><b>P1012NS N2DFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>P1011U3WMWCNQE2</b><br/>Manufacturers: C&amp;K<br/>Description: SWITCH KEYLOCK 2POS SPDT 4A 125V<br/>In stock: Out stock</div> <div>RFQ</div>                    |
|  <div><b>P1012NX E2DFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>P1012NS N2FFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>P1012NSE 2DFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>P1012NS N2HFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>P1012NX E2HFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>P1012NX E2FFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
|  <div><b>P1012NSE 2FFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 800MHZ 689TEBGA<br/>In stock: Out stock</div> <div>RFQ</div> |  <div><b>P1011UTC MWCG22</b><br/>Manufacturers: C&amp;K<br/>Description: SWITCH KEYLOCK 2POS SPDT 4A 125V<br/>In stock: Out stock</div> <div>RFQ</div>                    |