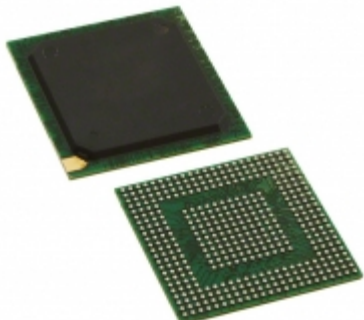


P1014NSE5HFB



Images are for reference only.  
See Product Specifications for product details.  
Buy P1014NSE5HFB with confidence from Component-World.HK, 1 Year Warranty



Part Number: [P1014NSE5HFB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU Q OR IQ 800MHZ 425TEBGA

Data sheet:  [SATA-A-006187 Errata](#)  
 [SATA-A005255 Errata](#)  
 [MPIC Double Interrupt Errata](#)  
 [TBI Link Status Errata](#)  
 [USB Errata](#)  
 [P1 Series \(P1010/14\) Brief](#)  
 [QorIQ P1010,P1014 Fact Sheet](#)

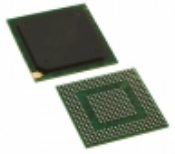
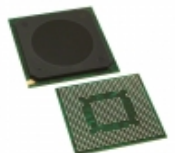
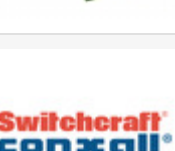
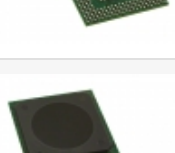
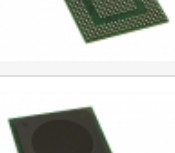
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                      |                                |                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | P1014NSE5HFB                                                         | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                                                                                                                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MPU Q OR IQ 800MHZ 425TEBGA                                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2904 pcs                                                             | Data sheet                     | <a href="#">SATA-A-006187 Errata</a><br><a href="#">SATA-A005255 Errata</a><br><a href="#">MPIC Double Interrupt Errata</a><br><a href="#">TBI Link Status Errata</a><br><a href="#">USB Errata</a><br><a href="#">P1 Series (P1010/14) Brief</a><br><a href="#">QorIQ P1010,P1014 Fact Sheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - I/O                  | -                                                                                                                                                                                                                                                                                                 |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | USB 2.0 + PHY (1)                                                    | Supplier Device Package        | 425-TEPBGA I (19x19)                                                                                                                                                                                                                                                                              |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 800MHz                                                               | Series                         | QorIQ P1                                                                                                                                                                                                                                                                                          |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Boot Security, Cryptography, Random Number Generator, Secure Fusebox | SATA                           | SATA 3Gbps (2)                                                                                                                                                                                                                                                                                    |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DDR3, DDR3L                                                          | Packaging                      | Tray                                                                                                                                                                                                                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 425-FBGA                                                             | Other Names                    | 935315161557                                                                                                                                                                                                                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0°C ~ 105°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 (2)                                                                                                                                                                                                                                                                              |
| Display & Interface Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                    | Detailed Description           | PowerPC e500v2 Microprocessor IC QorIQ P1 1 Core, 32-Bit 800MHz 425-TEPBGA I (19x19)                                                                                                                                                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PowerPC e500v2                                                       | Co-Processors/DSP              | Security; SEC 4.4                                                                                                                                                                                                                                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | P1014                                                                | Additional Interfaces          | DUART, I <sup>2</sup> C, MMC/SD, SPI                                                                                                                                                                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                               |                |
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|  | Part#: <a href="#">P1014NSN5HFB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1013PSE2HFA</a><br>Description: IC MPU Q OR IQ 1.067GHZ 689TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NSN5FFA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NSE5HHA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA1 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NSE5HHB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NSE5FFA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA1 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NSE5HFA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA1 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P10149X</a><br>Description: WASHER INTERNAL TOOTH                | Manufacturers: <a href="#">Conxall / Switchcraft</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NSN5HHB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NSE5DFB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NSN5DFA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P10149</a><br>Description: WASHER INTERNAL TOOTH                 | Manufacturers: <a href="#">Conxall / Switchcraft</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NSN5HHA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NSN5DFB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NSN5HFA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1013PSE2LFA</a><br>Description: IC MPU Q OR IQ 1.067GHZ 689TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NSE5FFB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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