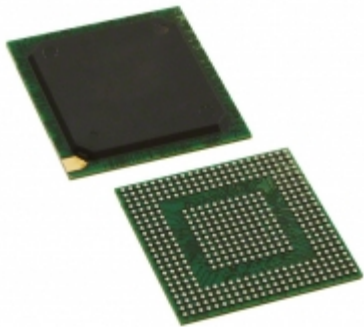


P1014NXN5DFB



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: [P1014NXN5DFB](#)

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](#)

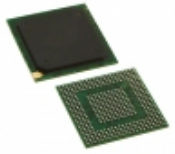
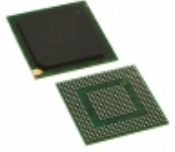
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                |                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | P1014NXN5DFB                              | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3142 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | SATA                           | SATA 3Gbps (2)                                                                                                                                                                                                                                                                                    |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DDR3, DDR3L                               | Packaging                      | Tray                                                                                                                                                                                                                                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 425-FBGA                                  | Other Names                    | 935323513557                                                                                                                                                                                                                                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°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              | -                                                                                                                                                                                                                                                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | P1014                                     | Additional Interfaces          | DUART, I²C, MMC/SD, SPI                                                                                                                                                                                                                                                                           |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                               |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">P1014NXN5HHB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXE5HHB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXN5HHA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXN5HFB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXN5FFB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXN5DFA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXE5DFB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1015-18</a><br>Description: CONN QC RECPT FEMALE SCREW 0.250   | Manufacturers: <a href="#">Hamlin / Littelfuse</a>            | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXE5HFB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXE5HHA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXN5FFA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1015-64</a><br>Description: CONN QC RECPT 14/16AWG 0.250       | Manufacturers: <a href="#">Hamlin / Littelfuse</a>            | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXE5FFA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXE5DFA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1015-14</a><br>Description: TERMINAL 1/4 FEMALE INSULATED      | Manufacturers: <a href="#">Hamlin / Littelfuse</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="#">P1014NXE5FFB</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXN5HFA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1014NXE5HFA</a><br>Description: IC MPU Q OR IQ 800MHZ 425TEBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">P1015-13</a><br>Description: CONN QC RECPT 10/12AWG 0.250       | Manufacturers: <a href="#">Hamlin / Littelfuse</a>            | <div>RFQ</div> |

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