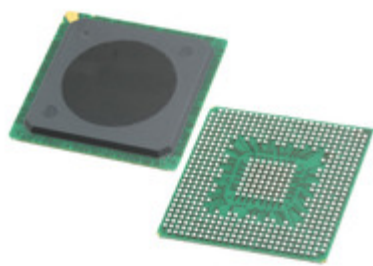


MPC8272VRTIEA



Images are for reference only.  
See Product Specifications for product details.  
**Buy MPC8272VRTIEA with confidence from Component-World.HK, 1 Year Warranty**



**Part Number:** [MPC8272VRTIEA](#)

**Manufacturer:** [NXP Semiconductors / Freescale](#)

**Description:** IC MPU MPC82XX 400MHZ 516BGA

**Data sheet:**  [MPC8272 Fact Sheet](#)  
 [MPC8272 PowerQUICC II Family Errata](#)  
 [MPC8272 PowerQUICC II Family](#)

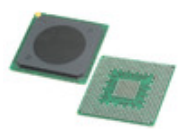
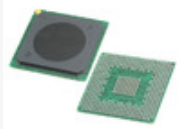
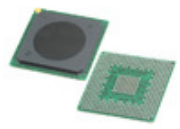
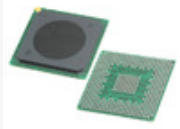
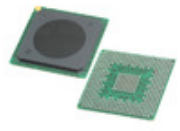
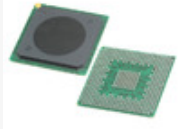
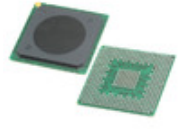
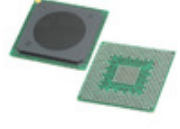
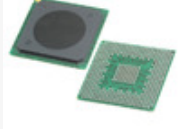
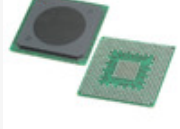
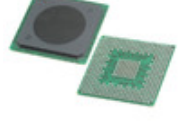
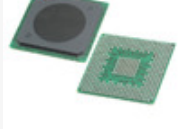
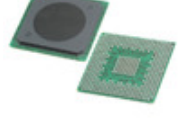
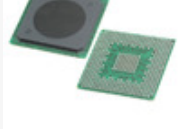
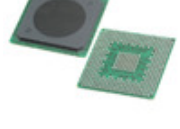
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MPC8272VRTIEA                             | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                                                                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MPU MPC82XX 400MHZ 516BGA              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2001 pcs                                  | Data sheet                     | <a href="#">MPC8272 Fact Sheet</a><br><a href="#">MPC8272 PowerQUICC II Family Errata</a><br><a href="#">MPC8272 PowerQUICC II Family</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - I/O                  | 3.3V                                                                                                                                      |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | USB 2.0 (1)                               | Supplier Device Package        | 516-FPBGA (27x27)                                                                                                                         |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 400MHz                                    | Series                         | MPC82xx                                                                                                                                   |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cryptography, Random Number Generator     | SATA                           | -                                                                                                                                         |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DRAM, SDRAM                               | Packaging                      | Tray                                                                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 516-BBGA                                  | Other Names                    | 935319131557                                                                                                                              |
| 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 Mbps (2)                                                                                                                           |
| Display & Interface Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Detailed Description           | PowerPC G2_LE Microprocessor IC MPC82xx 1 Core, 32-Bit 400MHz 516-FPBGA (27x27)                                                           |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PowerPC G2_LE                             | Co-Processors/DSP              | Communications; RISC CPM, Security; SEC                                                                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MPC8272                                   | Additional Interfaces          | I <sup>2</sup> C, SCC, SMC, SPI, UART, USART                                                                                              |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 2001 pieces of NXP Semiconductors / Freescale MPC8272VRTIEA in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                                                                                           |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                               |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MPC8271ZQTMFA</a><br>Description: IC MPU MPC82XX 400MHZ 516BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272CZQMIBA</a><br>Description: IC MPU MPC82XX 266MHZ 516BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8275ZQMIBA</a><br>Description: IC MPU MPC82XX 266MHZ 516BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272CVRPIEA</a><br>Description: IC MPU MPC82XX 300MHZ 516BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272ZQMIBA</a><br>Description: IC MPU MPC82XX 266MHZ 516BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8275CZQMIBA</a><br>Description: IC MPU MPC82XX 266MHZ 516BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272ZQTMFA</a><br>Description: IC MPU MPC82XX 400MHZ 516BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272CVRMIBA</a><br>Description: IC MPU MPC82XX 266MHZ 516BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272CZQTIEA</a><br>Description: IC MPU MPC82XX 400MHZ 516BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272ZQTIEA</a><br>Description: IC MPU MPC82XX 400MHZ 516BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272ADS</a><br>Description: KIT DEVELOPMENT MPC8272           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272ZQPIEA</a><br>Description: IC MPU MPC82XX 300MHZ 516BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272VRTMFA</a><br>Description: IC MPU MPC82XX 400MHZ 516BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8275VRMIBA</a><br>Description: IC MPU MPC82XX 266MHZ 516BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272CZQPIEA</a><br>Description: IC MPU MPC82XX 300MHZ 516BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8275CVRMIBA</a><br>Description: IC MPU MPC82XX 266MHZ 516BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272VRPIEA</a><br>Description: IC MPU MPC82XX 300MHZ 516BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272VRMIBA</a><br>Description: IC MPU MPC82XX 266MHZ 516BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8272CVRTIEA</a><br>Description: IC MPU MPC82XX 400MHZ 516BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8280CVVQLDA</a><br>Description: IC MPU MPC82XX 333MHZ 480TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |

Related keywords for MPC8272VRTIEA

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