

MPC8572EVJAVNE



Part Number: [MPC8572EVJAVNE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC85XX 1.5GHZ 1023FCBGA

Data sheet:  [MPIC Double Interrupt Errata](#)  
 [TBI Link Status Errata](#)  
 [MPC8572E Hardware Spec](#)

RoHs Status: Lead free / RoHS Compliant

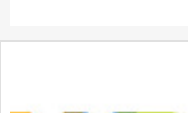
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MPC8572EVJAVNE                            | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MPU MPC85XX 1.5GHZ 1023FCBGA           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 309 pcs                                   | Data sheet                     | <a href="#">MPIC Double Interrupt Errata</a><br><a href="#">TBI Link Status Errata</a><br><a href="#">MPC8572E Hardware Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - I/O                  | 1.5V, 1.8V, 2.5V, 3.3V                                                                                                           |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Supplier Device Package        | 1023-FCPBGA (33x33)                                                                                                              |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.5GHz                                    | Series                         | MPC85xx                                                                                                                          |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cryptography, Random Number Generator     | SATA                           | -                                                                                                                                |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DDR2, DDR3                                | Packaging                      | Tray                                                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1023-BBGA, FCBGA                          | Other Names                    | 935311591557                                                                                                                     |
| 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 (4)                                                                                                             |
| Display & Interface Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Detailed Description           | PowerPC e500 Microprocessor IC MPC85xx 2 Core, 32-Bit 1.5GHz 1023-FCPBGA (33x33)                                                 |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PowerPC e500                              | Co-Processors/DSP              | Signal Processing; SPE, Security; SEC                                                                                            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MPC8572                                   | Additional Interfaces          | DUART, HSSI, I²C, RapidIO                                                                                                        |
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|  | Part#: <a href="#">MPC8572EVTAULE</a><br>Description: IC MPU MPC85XX 1.333GHZ 1023BGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MPC8572EVJARLE</a><br>Description: IC MPU MPC85XX 1.067GHZ 1023BGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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