

MPC8572EVTAULB



Part Number: [MPC8572EVTAULB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC85XX 1.333GHZ 1023BGA

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

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                    |                                  |                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MPC8572EVTAULB                                                                     | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MPU MPC85XX 1.333GHZ 1023BGA                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4228 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.333GHz                                                                           | Series                           | MPC85xx                                                                                                                          |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cryptography, Random Number Generator                                              | SATA                             | -                                                                                                                                |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DDR2, DDR3                                                                         | Packaging                        | Tray                                                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1023-BFBGA, FCBGA                                                                  | 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 1.333GHz 1023-FCPBGA (33x33) | Core Processor                   | PowerPC e500                                                                                                                     |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Signal Processing; SPE, Security; SEC                                              | Base Part Number                 | MPC8572                                                                                                                          |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DUART, HSSI, I <sup>2</sup> C, RapidIO                                             |                                  |                                                                                                                                  |
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