




NXP Semiconductors / Freescale

## MPC8572EPXALB

|                      |  |
|----------------------|--|
| Part Number:         | MPC8572EPXALB  |
| Manufacturer/Brand:  | NXP Semiconductors / Freescale   |
| Product description: | IC MPU MPC85XX 1.333GHZ 1023BGA<br><a href="#">PDF</a> 1.MPC8572EPXALB.pdf<br><a href="#">PDF</a> 2.MPC8572EPXALB.pdf<br><a href="#">PDF</a> 3.MPC8572EPXALB.pdf |
| Datasheets:          |  |
| RoHs Status:         |  Contains lead / RoHS non-compliant   |
| Ship From:           | Hong Kong  |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS  |

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Image may be representation. See specifications for product details.













### Specifications of MPC8572EPXALB

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | MPC8572EPXALB   |
| MANUFACTURER                     | NXP Semiconductors / Freescale  |
| DESCRIPTION                      | IC MPU MPC85XX 1.333GHZ 1023BGA   |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant  |
| DATA SHEET                       | <a href="#">PDF</a> 1.MPC8572EPXALB.pdf<br><a href="#">PDF</a> 2.MPC8572EPXALB.pdf<br><a href="#">PDF</a> 3.MPC8572EPXALB.pdf |
| VOLTAGE - I/O                    | 1.5V, 1.8V, 2.5V, 3.3V  |
| USB                              | -   |
| SUPPLIER DEVICE PACKAGE          | 1023-FCBGA (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   | Contains lead / RoHS non-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-FCBGA (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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| <a href="#">Freescale Semiconductor - NXP MPC8572EPXALB</a>  | <a href="#">NXP USA Inc. MPC8572EPXALB</a>              |  |

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|---|--|
|  <p><b>MPC8572EPXARLB</b><br/>         Manufacturers: NXP Semiconductors / Freescale<br/>         Description: IC MPU MPC85XX 1.067GHZ 1023BGA<br/>         In stock: Out stock<br/> <a href="#">RFQ</a></p>  |  <p><b>MPC8572EPXAVNE</b><br/>         Manufacturers: NXP Semiconductors / Freescale<br/>         Description: IC MPU MPC85XX 1.5GHZ 1023FCBGA<br/>         In stock: Out stock<br/> <a href="#">RFQ</a></p>  |
|  <p><b>MPC8572EPXATLD</b><br/>         Manufacturers: NXP Semiconductors / Freescale<br/>         Description: IC MPU MPC85XX 1.2GHZ 1023FCBGA<br/>         In stock: Out stock<br/> <a href="#">RFQ</a></p>  |  <p><b>MPC8572ELVTAVND</b><br/>         Manufacturers: NXP Semiconductors / Freescale<br/>         Description: IC MPU MPC85XX 1.5GHZ 1023FCBGA<br/>         In stock: Out stock<br/> <a href="#">RFQ</a></p> |
|  <p><b>MPC8572EPXATLB</b><br/>         Manufacturers: NXP Semiconductors / Freescale<br/>         Description: IC MPU MPC85XX 1.2GHZ 1023FCBGA<br/>         In stock: Out stock<br/> <a href="#">RFQ</a></p>  |  <p><b>MPC8572EVJARLE</b><br/>         Manufacturers: NXP Semiconductors / Freescale<br/>         Description: IC MPU MPC85XX 1.067GHZ 1023BGA<br/>         In stock: Out stock<br/> <a href="#">RFQ</a></p>  |
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