

NXP Semiconductors / Freescale

MPC8572ELPXAULD

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8572ELPXAULD                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC85XX 1.333GHZ 1023BGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6846 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MPC8572ELPXAULD

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8572ELPXAULD                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | IC MPU MPC85XX 1.333GHZ 1023BGA                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| QUANTITY AVAILABLE               | 6846 pcs                                                                           |
| DATA SHEET                       |                                                                                    |
| 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                                             |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MPC8572ELPXAULD               | MPC8572ELPXAULD Distributor        | MPC8572ELPXAULD Supplier  |
| MPC8572ELPXAULD Price         | MPC8572ELPXAULD Pictures           | MPC8572ELPXAULD Image     |
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| MPC8572ELPXAULD               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                  |                                                                                      |                                                                                                                                  |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8572ELVJAVNE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.5GHZ 1023FCBGA<br>In stock: 253 pcs<br><b>RFQ</b>  |  | <b>MPC8572ELPXAVND</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.5GHZ 1023FCBGA<br>In stock: 3113 pcs<br><b>RFQ</b> |
|  | <b>MPC8572ELPXATLD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.2GHZ 1023FCBGA<br>In stock: 2773 pcs<br><b>RFQ</b> |  | <b>MPC8572ECVTAVND</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.5GHZ 1023FCBGA<br>In stock: 5866 pcs<br><b>RFQ</b> |
|  | <b>MPC8572ECVTAVNE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.5GHZ 1023FCBGA<br>In stock: 6381 pcs<br><b>RFQ</b> |  | <b>MPC8572ELPXAVNE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.5GHZ 1023FCBGA<br>In stock: 5114 pcs<br><b>RFQ</b> |
|  | <b>MPC8572ELPXARLD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.067GHZ 1023BGA<br>In stock: 5257 pcs<br><b>RFQ</b> |  | <b>MPC8572ELVTARLD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.067GHZ 1023BGA<br>In stock: 5908 pcs<br><b>RFQ</b> |
|  | <b>MPC8572ECVTAULE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.333GHZ 1023BGA<br>In stock: 3729 pcs<br><b>RFQ</b> |  | <b>MPC8572ECVTAULD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.333GHZ 1023BGA<br>In stock: 5047 pcs<br><b>RFQ</b> |
|  | <b>MPC8572ELVTATLD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.2GHZ 1023FCBGA<br>In stock: 3770 pcs<br><b>RFQ</b> |  | <b>MPC8572ELVTARLE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.067GHZ 1023BGA<br>In stock: 3167 pcs<br><b>RFQ</b> |