



NXP Semiconductors / Freescale



MPC8572ECLPXATLD

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8572ECLPXATLD                                                                                                     |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC85XX 1.2GHZ 1023FCBGA                                                                                      |
|                     | <a href="#">PDF</a> 1.MPC8572ECLPXATLD.pdf                                                                           |
|                     | <a href="#">PDF</a> 2.MPC8572ECLPXATLD.pdf                                                                           |
|                     | <a href="#">PDF</a> 3.MPC8572ECLPXATLD.pdf                                                                           |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MPC8572ECLPXATLD

|                                  |                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8572ECLPXATLD                                                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                         |
| DESCRIPTION                      | IC MPU MPC85XX 1.2GHZ 1023FCBGA                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                     |
| DATA SHEET                       | <a href="#">PDF</a> 1.MPC8572ECLPXATLD.pdf<br><a href="#">PDF</a> 2.MPC8572ECLPXATLD.pdf<br><a href="#">PDF</a> 3.MPC8572ECLPXATLD.pdf |
| VOLTAGE - I/O                    | 1.5V, 1.8V, 2.5V, 3.3V                                                                                                                 |
| USB                              | -                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 1023-FCPBGA (33x33)                                                                                                                    |
| SPEED                            | 1.2GHz                                                                                                                                 |
| SERIES                           | MPC85xx                                                                                                                                |
| SECURITY FEATURES                | Cryptography, Random Number Generator                                                                                                  |
| SATA                             | -                                                                                                                                      |
| RAM CONTROLLERS                  | DDR2, DDR3                                                                                                                             |
| PACKAGING                        | Tray                                                                                                                                   |
| PACKAGE / CASE                   | 1023-BFBGA, FCBGA                                                                                                                      |
| OPERATING TEMPERATURE            | -40°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 1.2GHz 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

|                                                 |                                         |                                                     |
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| NXP Semiconductors / Freescale MPC8572ECLPXATLD | MPC8572ECLPXATLD Distributor            | MPC8572ECLPXATLD Supplier                           |
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| NXP Semiconductors / Freescale MPC8572ECLPXATLD | NXP Semiconductors MPC8572ECLPXATLD     | Freescale MPC8572ECLPXATLD                          |
| Freescale Semiconductor - NXP MPC8572ECLPXATLD  | NXP USA Inc. MPC8572ECLPXATLD           |                                                     |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MPC8572ECLVTAULD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.333GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MPC8572ECPXAULB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.333GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>MPC8572ECPXARLB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.067GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>MPC8572EAMC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MPC8572 AMC RAPID SYSTEM<br/>In stock: Out stock</div> <div>RFQ</div>             |
| <div></div> <div><b>MPC8572CLVTA VND</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.5GHZ 1023FCBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MPC8572ECPXARLD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.067GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>MPC8572CVTAVNE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.5GHZ 1023FCBGA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>MPC8572ECLPXAULD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.333GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MPC8572DS</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KIT MPU POWERQUICC III<br/>In stock: Out stock</div> <div>RFQ</div>                 | <div></div> <div><b>MPC8572CLVTAVNE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.5GHZ 1023FCBGA<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>MPC8572CLVTAULE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.333GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>MPC8572ECLVJAULE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.333GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div> |