

NXP Semiconductors / Freescale

MPC8536AVTATH

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8536AVTATH                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC85XX 1.25GHZ 783FCBGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5548 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MPC8536AVTATH

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8536AVTATH                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MPU MPC85XX 1.25GHZ 783FCBGA                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 5548 pcs                                                                         |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                 |
| USB                              | USB 2.0 (3)                                                                      |
| SUPPLIER DEVICE PACKAGE          | 783-FCPBGA (29x29)                                                               |
| SPEED                            | 1.25GHz                                                                          |
| SERIES                           | MPC85xx                                                                          |
| SECURITY FEATURES                | -                                                                                |
| SATA                             | SATA 3Gbps (2)                                                                   |
| RAM CONTROLLERS                  | DDR2, DDR3                                                                       |
| PACKAGING                        | Tray                                                                             |
| PACKAGE / CASE                   | 783-BBGA, FCBGA                                                                  |
| OPERATING TEMPERATURE            | 0°C ~ 90°C (TA)                                                                  |
| NUMBER OF CORES/BUS WIDTH        | 1 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 (2)                                                             |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                |
| DETAILED DESCRIPTION             | PowerPC e500 Microprocessor IC MPC85xx 1 Core, 32-Bit 1.25GHz 783-FCPBGA (29x29) |
| CORE PROCESSOR                   | PowerPC e500                                                                     |
| CO-PROCESSORS/DSP                | -                                                                                |
| BASE PART NUMBER                 | MPC8536                                                                          |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, MMC/SD, PCI, SPI                                        |

Related Tags

|                             |                                  |                         |
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| MPC8536AVTATH               | MPC8536AVTATH Distributor        | MPC8536AVTATH Supplier  |
| MPC8536AVTATH Price         | MPC8536AVTATH Pictures           | MPC8536AVTATH Image     |
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Related Products

|                                                                                    |                                                                                                                                |                                                                                      |                                                                                                                                 |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8536AVTAKG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 600MHZ 783FCBGA<br>In stock: 5824 pcs<br><b>RFQ</b>  |  | <b>MPC8536AVTAUL</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br>In stock: 4819 pcs<br><b>RFQ</b>   |
|  | <b>MPC8536AVTANG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 7092 pcs<br><b>RFQ</b>  |  | <b>MPC8536AVTAQGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 5387 pcs<br><b>RFQ</b>  |
|  | <b>MPC8536AVTAVLA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.5GHZ 783FCBGA<br>In stock: 6697 pcs<br><b>RFQ</b> |  | <b>MPC8536AVTATHA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.25GHZ 783FCBGA<br>In stock: 3794 pcs<br><b>RFQ</b> |
|  | <b>MPC8536AVTAVL</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.5GHZ 783FCBGA<br>In stock: 5284 pcs<br><b>RFQ</b>  |  | <b>MPC8536AVTAKGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 600MHZ 783FCBGA<br>In stock: 6205 pcs<br><b>RFQ</b>  |
|  | <b>MPC8536AVTAQG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 3646 pcs<br><b>RFQ</b>  |  | <b>MPC8536AVTANGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 6001 pcs<br><b>RFQ</b>  |
|  | <b>MPC8536BVJAKGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 600MHZ 783FCBGA<br>In stock: 758 pcs<br><b>RFQ</b>  |  | <b>MPC8536AVTAULA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br>In stock: 6832 pcs<br><b>RFQ</b>  |