

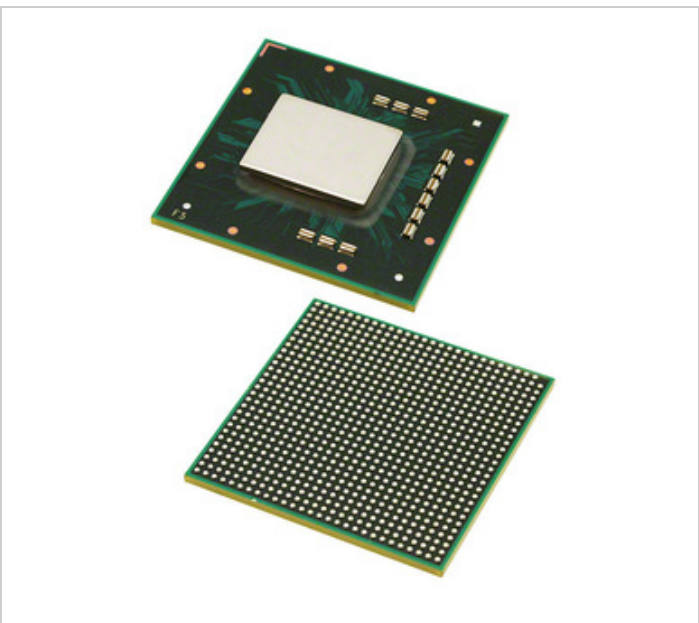


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MPC8536EBVJAVLA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8536EBVJAVLA                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC85XX 1.5GHZ 783FCBGA                                                                               |
|                     | <a href="#">PDF</a> 1.MPC8536EBVJAVLA.pdf                                                                    |
|                     | <a href="#">PDF</a> 2.MPC8536EBVJAVLA.pdf                                                                    |
|                     | <a href="#">PDF</a> 3.MPC8536EBVJAVLA.pdf                                                                    |
|                     | <a href="#">PDF</a> 4.MPC8536EBVJAVLA.pdf                                                                    |
|                     | <a href="#">PDF</a> 5.MPC8536EBVJAVLA.pdf                                                                    |
|                     | <a href="#">PDF</a> 6.MPC8536EBVJAVLA.pdf                                                                    |
| Datasheets:         |                                                                                                              |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

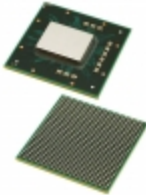
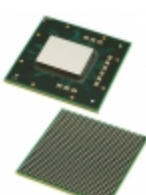
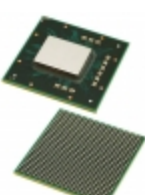
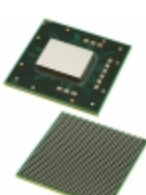
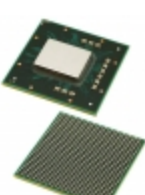
Specifications of MPC8536EBVJAVLA

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8536EBVJAVLA                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC85XX 1.5GHZ 783FCBGA                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| DATA SHEET                       | <a href="#">PDF</a> 1.MPC8536EBVJAVLA.pdf                                       |
|                                  | <a href="#">PDF</a> 2.MPC8536EBVJAVLA.pdf                                       |
|                                  | <a href="#">PDF</a> 3.MPC8536EBVJAVLA.pdf                                       |
|                                  | <a href="#">PDF</a> 4.MPC8536EBVJAVLA.pdf                                       |
|                                  | <a href="#">PDF</a> 5.MPC8536EBVJAVLA.pdf                                       |
|                                  | <a href="#">PDF</a> 6.MPC8536EBVJAVLA.pdf                                       |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                |
| USB                              | USB 2.0 (3)                                                                     |
| SUPPLIER DEVICE PACKAGE          | 783-FCPBGA (29x29)                                                              |
| SPEED                            | 1.5GHz                                                                          |
| SERIES                           | MPC85xx                                                                         |
| SECURITY FEATURES                | Cryptography                                                                    |
| SATA                             | SATA 3Gbps (2)                                                                  |
| RAM CONTROLLERS                  | DDR2, DDR3                                                                      |
| PACKAGING                        | Tray                                                                            |
| PACKAGE / CASE                   | 783-BBGA, FCBGA                                                                 |
| OTHER NAMES                      | 935315502557                                                                    |
| OPERATING TEMPERATURE            | 0°C ~ 105°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 1.5GHz 783-FCPBGA (29x29) |
| CORE PROCESSOR                   | PowerPC e500                                                                    |
| CO-PROCESSORS/DSP                | Security; SEC                                                                   |
| BASE PART NUMBER                 | MPC8536                                                                         |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, MMC/SD, PCI, SPI                                       |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MPC8536EBVJAVLA | MPC8536EBVJAVLA Distributor             | MPC8536EBVJAVLA Supplier                           |
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| Freescale Semiconductor - NXP MPC8536EBVJAVLA  | NXP USA Inc. MPC8536EBVJAVLA            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MPC8536EBVJAQGA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8536EBVJATHA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.25GHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MPC8536EBVJAKGA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 600MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8536EBVTATHA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.25GHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MPC8536EAVTAVLA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.5GHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8536EBVTANGA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>MPC8536EBVTAULA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8536EBVJANGA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>MPC8536EBVTAKGA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 600MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8536EBVTAVLA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.5GHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>MPC8536EBVTAQGA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8536EBVJAULA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |

