



MPC8547EPXAUJB

|                     |                                      |
|---------------------|--------------------------------------|
| Part Number:        | MPC8547EPXAUJB                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale       |
| Product description | IC MPU MPC85XX 1.333GHZ 783BGA       |
|                     | <a href="#">1.MPC8547EPXAUJB.pdf</a> |
|                     | <a href="#">2.MPC8547EPXAUJB.pdf</a> |
|                     | <a href="#">3.MPC8547EPXAUJB.pdf</a> |
|                     | <a href="#">4.MPC8547EPXAUJB.pdf</a> |
|                     | <a href="#">5.MPC8547EPXAUJB.pdf</a> |
| Datasheets:         |                                      |
| RoHs Status         | Lead free / RoHS Compliant           |
| Ship From           | Hong Kong                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                |

REQUEST FOR QUOTATION

Specifications of MPC8547EPXAUJB

|                                  |                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8547EPXAUJB                                                                                                                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                       |
| DESCRIPTION                      | IC MPU MPC85XX 1.333GHZ 783BGA                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                           |
| DATA SHEET                       | <a href="#">1.MPC8547EPXAUJB.pdf</a><br><a href="#">2.MPC8547EPXAUJB.pdf</a><br><a href="#">3.MPC8547EPXAUJB.pdf</a><br><a href="#">4.MPC8547EPXAUJB.pdf</a><br><a href="#">5.MPC8547EPXAUJB.pdf</a> |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                                                                                                                                     |
| USB                              | -                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 783-FCBGA (29x29)                                                                                                                                                                                    |
| SPEED                            | 1.333GHz                                                                                                                                                                                             |
| SERIES                           | MPC85xx                                                                                                                                                                                              |
| SECURITY FEATURES                | Cryptography, Random Number Generator                                                                                                                                                                |
| SATA                             | -                                                                                                                                                                                                    |
| RAM CONTROLLERS                  | DDR, DDR2, SDRAM                                                                                                                                                                                     |
| PACKAGING                        | Tray                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 783-BBGA, FCBGA                                                                                                                                                                                      |
| 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 (4)                                                                                                                                                                                 |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | PowerPC e500 Microprocessor IC MPC85xx 1 Core, 32-Bit 1.333GHz 783-FCPBGA (29x29)                                                                                                                    |
| CORE PROCESSOR                   | PowerPC e500                                                                                                                                                                                         |
| CO-PROCESSORS/DSP                | Signal Processing; SPE, Security; SEC                                                                                                                                                                |
| BASE PART NUMBER                 | MPC8547                                                                                                                                                                                              |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, PCI, RapidIO                                                                                                                                                                |

Related Tags

|                                               |                                         |                                                   |
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| NXP Semiconductors / Freescale MPC8547EPXAUJB | MPC8547EPXAUJB Distributor              | MPC8547EPXAUJB Supplier                           |
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| Freescale Semiconductor - NXP MPC8547EPXAUJB  | NXP USA Inc. MPC8547EPXAUJB             |                                                   |

Related Products

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| <div><b>MPC8547EHXATG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  | <div><b>MPC8547EHXAQG</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>MPC8547EVJATGD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> | <div><b>MPC8547EPXATGB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
| <div><b>MPC8547EPXAQGB</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>MPC8547EVJAQGD</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>MPC8547EVJAUJD</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>MPC8547EHXAUJ</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>MPC8547EPXAQGD</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>MPC8547EPXAUJD</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>MPC8547EVTAQGB</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>MPC8547EPXAUJC</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> |