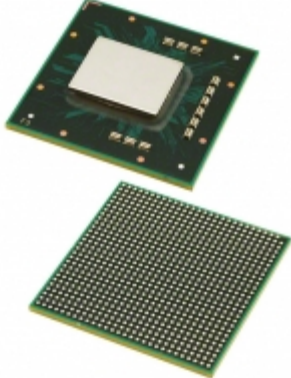


MPC8547VTAUJD



Images are for reference only.  
See Product Specifications for product details.  
**Buy MPC8547VTAUJD with confidence from Component-World.HK, 1 Year Warranty**



**Part Number:** [MPC8547VTAUJD](#)

**Manufacturer:** [NXP Semiconductors / Freescale](#)

**Description:** IC MPU MPC85XX 1.333GHZ 783BGA

**Data sheet:**  [MPC8548E Fact Sheet](#)  
 [MPC8548E Chip Errata](#)  
 [MPIC Double Interrupt Errata](#)  
 [MPC8548E DataSheet](#)  
 [MPC8548E Ref Manual](#)

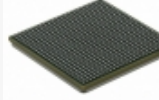
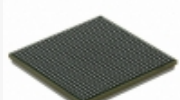
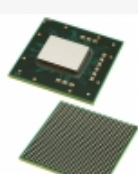
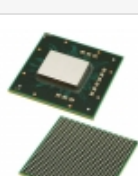
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                   |                                  |                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MPC8547VTAUJD                                                                     | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MPU MPC85XX 1.333GHZ 783BGA                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4191 pcs                                                                          | Data sheet                       | <a href="#">MPC8548E Fact Sheet</a><br><a href="#">MPC8548E Chip Errata</a><br><a href="#">MPIC Double Interrupt Errata</a><br><a href="#">MPC8548E DataSheet</a><br><a href="#">MPC8548E Ref Manual</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                         | Voltage - I/O                    | 1.8V, 2.5V, 3.3V                                                                                                                                                                                         |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                 | Supplier Device Package          | 783-FCPBGA (29x29)                                                                                                                                                                                       |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.333GHz                                                                          | Series                           | MPC85xx                                                                                                                                                                                                  |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                                 | 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                                                            | Base Part Number                 | MPC8547                                                                                                                                                                                                  |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | DUART, I <sup>2</sup> C, PCI, RapidIO                                             |                                  |                                                                                                                                                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                               |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MPC8547PXAQGB</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8547VJATGD</a><br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8547VTAQGB</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8547VTAUJB</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8547HXAUI</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8548CPXATGB</a><br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8547VUAQG</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8548CPXAUJC</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8548CDS</a><br>Description: DEV TOOLS CDS FOR 8548             | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8548CVJAQGD</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8547VUAUI</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8547VUATG</a><br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8547VTATGB</a><br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8548CPXAQGB</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8548CVJAUJD</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8547PXATGB</a><br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8548CVTAQGB</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8547PXAUIB</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8547VTAQGD</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MPC8547VTATGD</a><br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |

|                                              |                                  |                         |                                             |
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