



NXP Semiconductors / Freescale

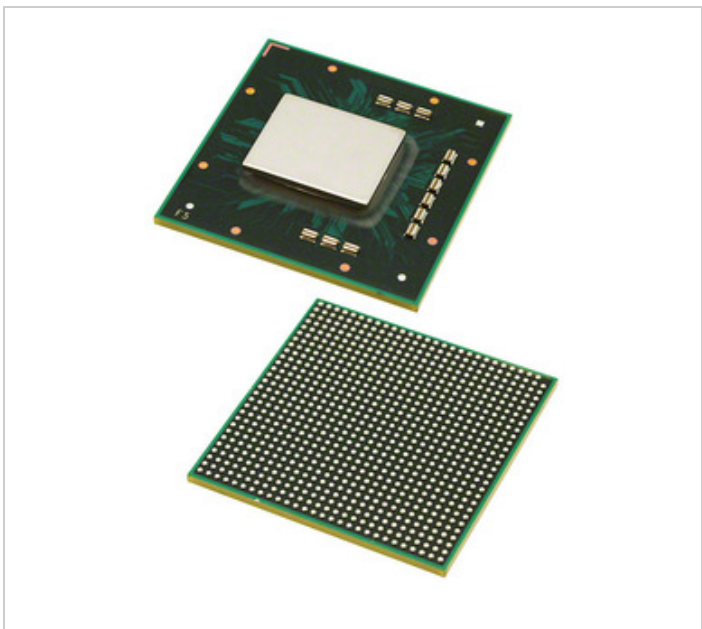


Image may be representation. See specifications for product details.

MPC8560CVT667JB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8560CVT667JB                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC85XX 667MHZ 783FCBGA                                                                               |
| Datasheets:         |  1.MPC8560CVT667JB.pdf      |
|                     |  2.MPC8560CVT667JB.pdf      |
|                     |  3.MPC8560CVT667JB.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

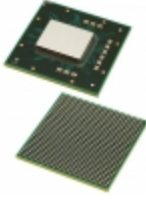
Specifications of MPC8560CVT667JB

|                                  |                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8560CVT667JB                                                                                                                                                                                                                                                                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                                      |
| DESCRIPTION                      | IC MPU MPC85XX 667MHZ 783FCBGA                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.MPC8560CVT667JB.pdf<br> 2.MPC8560CVT667JB.pdf<br> 3.MPC8560CVT667JB.pdf |
| VOLTAGE - I/O                    | 2.5V, 3.3V                                                                                                                                                                                                                                                                                                                          |
| USB                              | -                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 783-FCPBGA (29x29)                                                                                                                                                                                                                                                                                                                  |
| SPEED                            | 667MHz                                                                                                                                                                                                                                                                                                                              |
| SERIES                           | MPC85xx                                                                                                                                                                                                                                                                                                                             |
| SECURITY FEATURES                | -                                                                                                                                                                                                                                                                                                                                   |
| SATA                             | -                                                                                                                                                                                                                                                                                                                                   |
| RAM CONTROLLERS                  | DDR, SDRAM                                                                                                                                                                                                                                                                                                                          |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 784-BBGA, FCBGA                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°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 667MHz 783-FCPBGA (29x29)                                                                                                                                                                                                                                                     |
| CORE PROCESSOR                   | PowerPC e500                                                                                                                                                                                                                                                                                                                        |
| CO-PROCESSORS/DSP                | Communications; CPM                                                                                                                                                                                                                                                                                                                 |
| BASE PART NUMBER                 | MPC8560                                                                                                                                                                                                                                                                                                                             |
| ADDITIONAL INTERFACES            | I <sup>2</sup> C, PCI, RapidIO, SPI, TDM, UART                                                                                                                                                                                                                                                                                      |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MPC8560CVT667JB | MPC8560CVT667JB Distributor             | MPC8560CVT667JB Supplier                           |
| MPC8560CVT667JB Price                          | MPC8560CVT667JB Pictures                | MPC8560CVT667JB Image                              |
| MPC8560CVT667JB PDF Datasheet                  | MPC8560CVT667JB Download Datasheet      | MPC8560CVT667JB Datasheet                          |
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| NXP Semiconductors / Freescale MPC8560CVT667JB | NXP Semiconductors MPC8560CVT667JB      | Freescale MPC8560CVT667JB                          |
| Freescale Semiconductor - NXP MPC8560CVT667JB  | NXP USA Inc. MPC8560CVT667JB            |                                                    |

Related Products

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| <div></div> <div><b>MPC8560ADS-BGAE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: BOARD APPL DEV SYSTEM MPC8560<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>MPC8560PX667LC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MPC8560PX833LC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 833MHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>MPC8560PX667LB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MPC8560CVT667JC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MPC8560PX833LB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 833MHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MPC855TZQ80D4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 80MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>       | <div></div> <div><b>MPC8560CPX667JC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MPC8560CVT667LB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MPC8560CPX667LB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MPC8560CPX667JB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MPC8560ADS-BGA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: BOARD APPLICATION DEV 8560<br/>In stock: Out stock<br/><div>RFQ</div></div>      |