

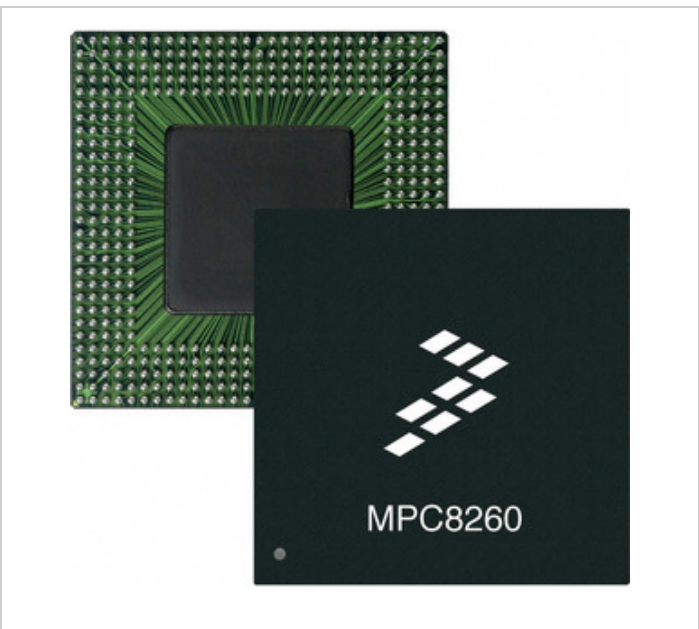


Image may be representation. See specifications for product details.

## MPC8264AVVPIBB

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8264AVVPIBB                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC82XX 300MHZ 480TBGA                                                                                        |
| Datasheets:         |  <a href="#">MPC8264AVVPIBB.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

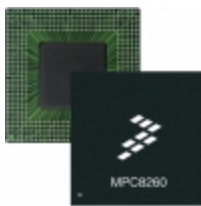
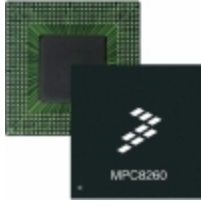
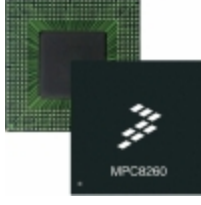
### Specifications of MPC8264AVVPIBB

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8264AVVPIBB                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                         |
| DESCRIPTION                      | IC MPU MPC82XX 300MHZ 480TBGA                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |  <a href="#">MPC8264AVVPIBB.pdf</a> |
| VOLTAGE - I/O                    | 3.3V                                                                                                                   |
| USB                              | -                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 480-TBGA (37.5x37.5)                                                                                                   |
| SPEED                            | 300MHz                                                                                                                 |
| SERIES                           | MPC82xx                                                                                                                |
| SECURITY FEATURES                | -                                                                                                                      |
| SATA                             | -                                                                                                                      |
| RAM CONTROLLERS                  | DRAM, SDRAM                                                                                                            |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 480-LBGA Exposed Pad                                                                                                   |
| 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 Mbps (3)                                                                                                        |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                      |
| DETAILED DESCRIPTION             | PowerPC G2 Microprocessor IC MPC82xx 1 Core, 32-Bit 300MHz 480-TBGA (37.5x37.5)                                        |
| CORE PROCESSOR                   | PowerPC G2                                                                                                             |
| CO-PROCESSORS/DSP                | Communications; RISC CPM                                                                                               |
| BASE PART NUMBER                 | MPC8264                                                                                                                |
| ADDITIONAL INTERFACES            | I <sup>2</sup> C, SCC, SMC, SPI, UART, USART                                                                           |

### Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale MPC8264AVVPIBB | MPC8264AVVPIBB Distributor              | MPC8264AVVPIBB Supplier                           |
| MPC8264AVVPIBB Price                          | MPC8264AVVPIBB Pictures                 | MPC8264AVVPIBB Image                              |
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| NXP Semiconductors / Freescale MPC8264AVVPIBB | NXP Semiconductors MPC8264AVVPIBB       | Freescale MPC8264AVVPIBB                          |
| Freescale Semiconductor - NXP MPC8264AVVPIBB  | NXP USA Inc. MPC8264AVVPIBB             |                                                   |

### Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
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|  <div><b>MPC8264AZUMHBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MPC8264ACZUMIBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MPC8260AZUPIBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 300MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MPC8264AZUPJDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 300MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MPC8264AVVPJDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 300MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MPC8264AVVMHBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MPC8264ACVVMIBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPC8260AZUPJDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 300MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MPC8265ACZUMHBC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPC8265ACVVMIBC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MPC8264AZUPIBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 300MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MPC8260AZUMHBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |