

KMPC8260AVVPIBB



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See Product Specifications for product details.  
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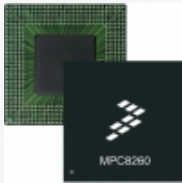
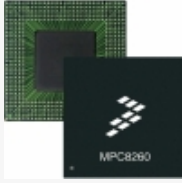
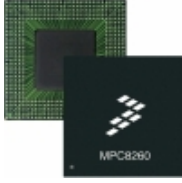
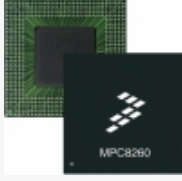
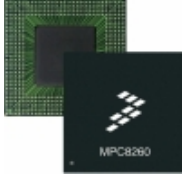
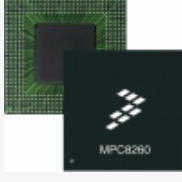
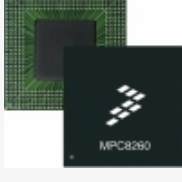
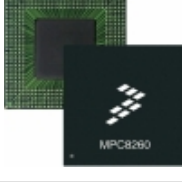
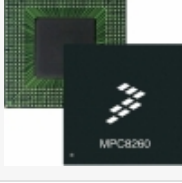
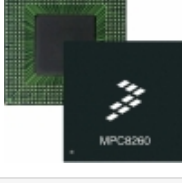
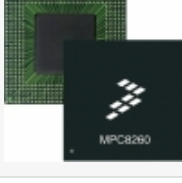
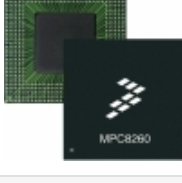
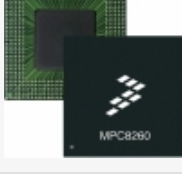
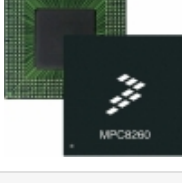
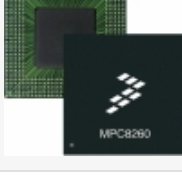
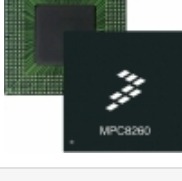
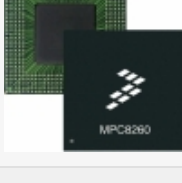


**Part Number:** [KMPC8260AVVPIBB](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** IC MPU MPC82XX 200MHZ 480TBGA  
**Data sheet:**  [MPC8260A Series](#)

**RoHs Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                 |                                  |                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | KMPC8260AVVPIBB                                                                 | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MPU MPC82XX 200MHZ 480TBGA                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 5517 pcs                                                                        | Data sheet                       | <a href="#">MPC8260A Series</a>                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                       | Voltage - I/O                    | 3.3V                                           |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                               | Supplier Device Package          | 480-TBGA (37.5x37.5)                           |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                     | 200MHz                                                                          | 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 200MHz 480-TBGA (37.5x37.5) | Core Processor                   | PowerPC G2                                     |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                         | Communications; RISC CPM                                                        | Base Part Number                 | PC8260                                         |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                     | I <sup>2</sup> C, SCC, SMC, SPI, UART, USART                                    |                                  |                                                |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                               |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">KMPC8265ACVVMIBC</a><br>Description: IC MPU MPC82XX 200MHZ 480TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8255AVVPIBB</a><br>Description: IC MPU MPC82XX 300MHZ 480TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8264AVVPJDB</a><br>Description: IC MPU MPC82XX 300MHZ 480TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8264AVVPIBB</a><br>Description: IC MPU MPC82XX 200MHZ 480TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8264AZUPIBB</a><br>Description: IC MPU MPC82XX 200MHZ 480TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8250AVVPIBC</a><br>Description: IC MPU MPC82XX 300MHZ 480TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8255ACVVMHBB</a><br>Description: IC MPU MPC82XX 266MHZ 480TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8264ACZUMIBB</a><br>Description: IC MPU MPC82XX 200MHZ 480TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8260ACVVMHBB</a><br>Description: IC MPU MPC82XX 166MHZ 480TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8260ACZUMHBB</a><br>Description: IC MPU MPC82XX 166MHZ 480TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8255ACZUMHBB</a><br>Description: IC MPU MPC82XX 266MHZ 480TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8264AZUPJDB</a><br>Description: IC MPU MPC82XX 300MHZ 480TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8250AZUPIBC</a><br>Description: IC MPU MPC82XX 300MHZ 480TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8260AZUPJDB</a><br>Description: IC MPU MPC82XX 300MHZ 480TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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