

KMPC8255ACZUMHBB



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Part Number: [KMPC8255ACZUMHBB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC82XX 266MHZ 480TBGA

Data sheet:  [MPC8260A Series](#)

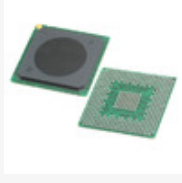
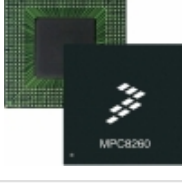
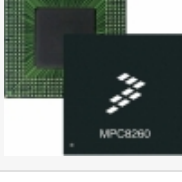
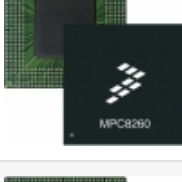
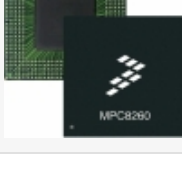
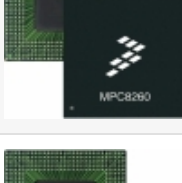
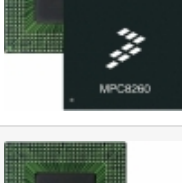
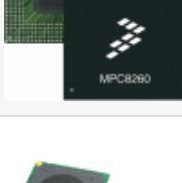
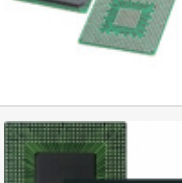
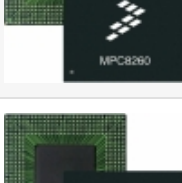
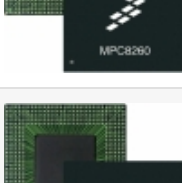
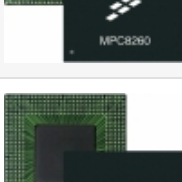
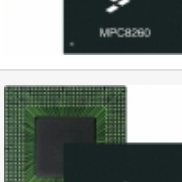
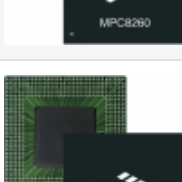
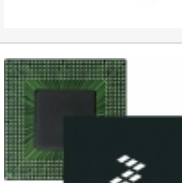
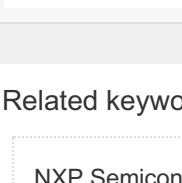
RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                 |                                  |                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | KMPC8255ACZUMHBB                                                                | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MPU MPC82XX 266MHZ 480TBGA                                                   | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 3993 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                                                                                                                                                                                                                                                                                                                                                                                                                                      | 266MHz                                                                          | Series                           | MPC82xx                                        |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                               | SATA                             | -                                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                            | DRAM, SDRAM                                                                     | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                             | 480-LBGA Exposed Pad                                                            | 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                                                                                                                                                                                                                                                                                                                                                                                                             | Contains lead / RoHS non-compliant                                              | Graphics Acceleration            | No                                             |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10/100 Mbps (3)                                                                 | Display & Interface Controllers  | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                       | PowerPC G2 Microprocessor IC MPC82xx 1 Core, 32-Bit 266MHz 480-TBGA (37.5x37.5) | Core Processor                   | PowerPC G2                                     |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                          | Communications; RISC CPM                                                        | Base Part Number                 | PC8255                                         |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                      | PC, SCC, SMC, SPI, UART, USART                                                  |                                  |                                                |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                               |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">KMPC8248ZQTMFA</a><br>Description: IC MPU MPC82XX 400MHZ 516BGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8255AZUPIBB</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="#">KMPC8250ACVVMHBC</a><br>Description: IC MPU MPC82XX 266MHZ 480TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8260AVVPIBB</a><br>Description: IC MPU MPC82XX 200MHZ 480TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8248ZQTIEA</a><br>Description: IC MPU MPC82XX 400MHZ 516BGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8250ACZUMHBC</a><br>Description: IC MPU MPC82XX 266MHZ 480TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | 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="#">KMPC8250ACZQIHBC</a><br>Description: IC MPU MPC82XX 166MHZ 516BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8260ACVVMIBB</a><br>Description: IC MPU MPC82XX 200MHZ 480TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">KMPC8260AZUPIBB</a><br>Description: IC MPU MPC82XX 200MHZ 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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|  | Part#: <a href="#">KMPC8250AVVPIBC</a><br>Description: IC MPU MPC82XX 300MHZ 480TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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