



NXP Semiconductors / Freescale

MPC8280CZUUPEA

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8280CZUUPEA                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC82XX 450MHZ 480TBGA                                                                                        |
| Datasheets:         |  <a href="#">MPC8280CZUUPEA.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

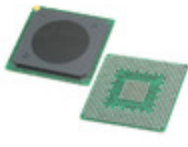
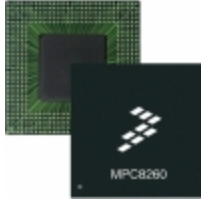
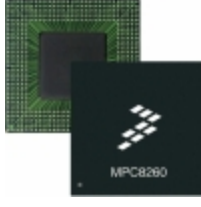
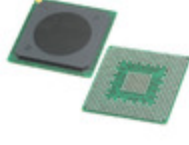
Specifications of MPC8280CZUUPEA

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8280CZUUPEA                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                         |
| DESCRIPTION                      | IC MPU MPC82XX 450MHZ 480TBGA                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                     |
| DATA SHEET                       |  <a href="#">MPC8280CZUUPEA.pdf</a> |
| VOLTAGE - I/O                    | 3.3V                                                                                                                   |
| USB                              | USB 2.0 (1)                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 480-TBGA (37.5x37.5)                                                                                                   |
| SPEED                            | 450MHz                                                                                                                 |
| SERIES                           | MPC82xx                                                                                                                |
| SECURITY FEATURES                | -                                                                                                                      |
| SATA                             | -                                                                                                                      |
| RAM CONTROLLERS                  | DRAM, SDRAM                                                                                                            |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 480-LBGA Exposed Pad                                                                                                   |
| OTHER NAMES                      | 568-13735<br>935321098557<br>MPC8280CZUUPEA-ND                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                     |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 4 (72 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_LE Microprocessor IC MPC82xx 1 Core, 32-Bit 450MHz 480-TBGA (37.5x37.5)                                     |
| CORE PROCESSOR                   | PowerPC G2_LE                                                                                                          |
| CO-PROCESSORS/DSP                | Communications; RISC CPM                                                                                               |
| BASE PART NUMBER                 | MPC8280                                                                                                                |
| ADDITIONAL INTERFACES            | I²C, SCC, SMC, SPI, UART, USART                                                                                        |

Related Tags

|                                               |                                         |                                                   |
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| NXP Semiconductors / Freescale MPC8280CZUUPEA | MPC8280CZUUPEA Distributor              | MPC8280CZUUPEA Supplier                           |
| MPC8280CZUUPEA Price                          | MPC8280CZUUPEA Pictures                 | MPC8280CZUUPEA Image                              |
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| Freescale Semiconductor - NXP MPC8280CZUUPEA  | NXP USA Inc. MPC8280CZUUPEA             |                                                   |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
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|  <div><b>MPC8280VUPEA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 450MHZ 480TBGA<br/>In stock: 19 pcs<br/><div>RFQ</div></div>      |  <div><b>MPC8280VVQLDA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 333MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MPC8280CVUPEA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 450MHZ 480TBGA<br/>In stock: 5 pcs<br/><div>RFQ</div></div>      |  <div><b>MPC8275VRMIBA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 516BGA<br/>In stock: 40 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MPC8280ZUPEA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 450MHZ 480TBGA<br/>In stock: 3 pcs<br/><div>RFQ</div></div>       |  <div><b>MPC8280ZUQLDA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 333MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MPC8280CVVQLDA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 333MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPC8275CZQMIBA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 516BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MPC8275ZQMIBA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 516BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MPC8280CZUQLDA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 333MHZ 480TBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MPC8306-KIT</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KIT EVALUATION FOR MPC830X<br/>In stock: Out stock<br/><div>RFQ</div></div>       |  <div><b>MPC8306-SOM</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: MODULE BOARD FOR MPC830X<br/>In stock: Out stock<br/><div>RFQ</div></div>         |