

NXP Semiconductors / Freescale

MPC8280CZUUPEA

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8280CZUUPEA                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC82XX 450MHZ 480TBGA                                                                                        |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 356 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

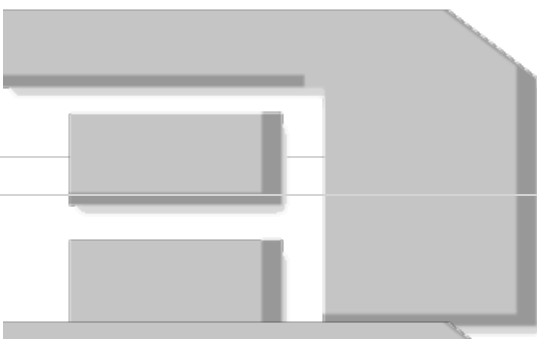
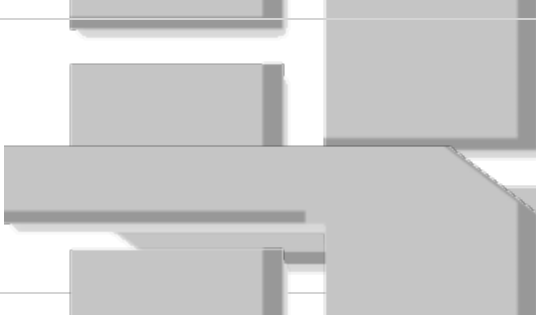
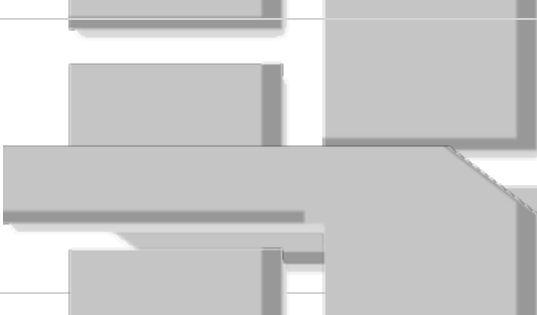
Specifications of MPC8280CZUUPEA

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8280CZUUPEA                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | IC MPU MPC82XX 450MHZ 480TBGA                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                 |
| QUANTITY AVAILABLE               | 356 pcs                                                                            |
| DATA SHEET                       |                                                                                    |
| 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            | I <sup>2</sup> C, SCC, SMC, SPI, UART, USART                                       |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MPC8280CZUUPEA               | MPC8280CZUUPEA Distributor        | MPC8280CZUUPEA Supplier  |
| MPC8280CZUUPEA Price         | MPC8280CZUUPEA Pictures           | MPC8280CZUUPEA Image     |
| MPC8280CZUUPEA PDF Datasheet | MPC8280CZUUPEA Download Datasheet | MPC8280CZUUPEA Datasheet |
| MPC8280CZUUPEA Stock         | Buy MPC8280CZUUPEA                | Buy MPC8280CZUUPEA       |
| MPC8280CZUUPEA               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                              |                                                                                      |                                                                                                                              |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8306-SOM</b><br>Manufacturers: NXP<br>Description: MODULE BOARD FOR MPC830X<br>In stock: 2967 pcs<br><b>RFQ</b>        |  | <b>MPC8280VVUPEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 450MHZ 480TBGA<br>In stock: 445 pcs<br><b>RFQ</b>  |
|  | <b>MPC8280CVVQLDA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 333MHZ 480TBGA<br>In stock: 529 pcs<br><b>RFQ</b> |  | <b>MPC8280CVVUPEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 450MHZ 480TBGA<br>In stock: 436 pcs<br><b>RFQ</b> |
|  | <b>MPC8306-KIT</b><br>Manufacturers: NXP<br>Description: KIT EVALUATION FOR MPC830X<br>In stock: 6524 pcs<br><b>RFQ</b>      |  | <b>MPC8275ZQMIBA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 266MHZ 516BGA<br>In stock: 1088 pcs<br><b>RFQ</b>  |
|  | <b>MPC8275VRMIBA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 266MHZ 516BGA<br>In stock: 1139 pcs<br><b>RFQ</b>  |  | <b>MPC8280ZUQLDA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 333MHZ 480TBGA<br>In stock: 570 pcs<br><b>RFQ</b>  |
|  | <b>MPC8275CZQMIBA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 266MHZ 516BGA<br>In stock: 922 pcs<br><b>RFQ</b>  |  | <b>MPC8280CZUQLDA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 333MHZ 480TBGA<br>In stock: 585 pcs<br><b>RFQ</b> |
|  | <b>MPC8280ZUUPEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 450MHZ 480TBGA<br>In stock: 425 pcs<br><b>RFQ</b>  |  | <b>MPC8280VVQLDA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 333MHZ 480TBGA<br>In stock: 633 pcs<br><b>RFQ</b>  |

