

NXP Semiconductors / Freescale

KMPC8280CVVQLDA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | KMPC8280CVVQLDA                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC82XX 333MHZ 480TBGA                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5270 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

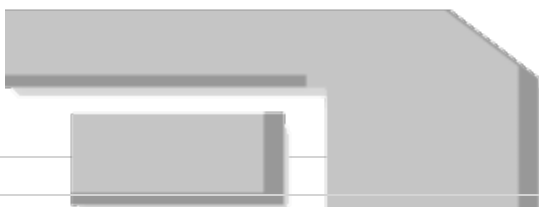
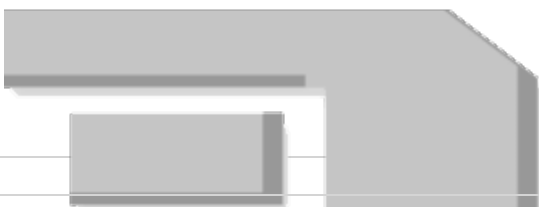
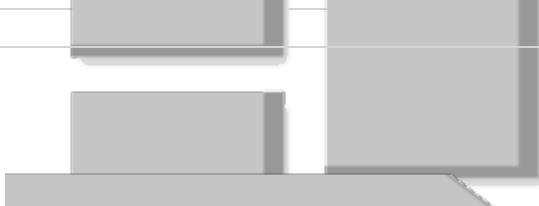
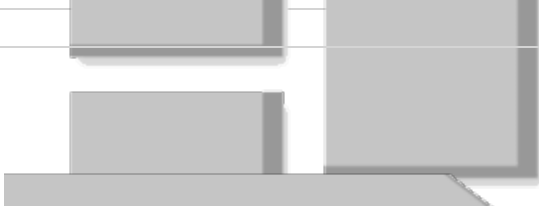
Specifications of KMPC8280CVVQLDA

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | KMPC8280CVVQLDA                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | IC MPU MPC82XX 333MHZ 480TBGA                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| QUANTITY AVAILABLE               | 5270 pcs                                                                           |
| DATA SHEET                       |                                                                                    |
| VOLTAGE - I/O                    | 3.3V                                                                               |
| USB                              | USB 2.0 (1)                                                                        |
| SUPPLIER DEVICE PACKAGE          | 480-TBGA (37.5x37.5)                                                               |
| SPEED                            | 333MHz                                                                             |
| 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) | 2A (4 Weeks)                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| GRAPHICS ACCELERATION            | No                                                                                 |
| ETHERNET                         | 10/100 Mbps (3)                                                                    |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                  |
| DETAILED DESCRIPTION             | PowerPC G2_LE Microprocessor IC MPC82xx 1 Core, 32-Bit 333MHz 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

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| KMPC8280CVVQLDA               | KMPC8280CVVQLDA Distributor        | KMPC8280CVVQLDA Supplier  |
| KMPC8280CVVQLDA Price         | KMPC8280CVVQLDA Pictures           | KMPC8280CVVQLDA Image     |
| KMPC8280CVVQLDA PDF Datasheet | KMPC8280CVVQLDA Download Datasheet | KMPC8280CVVQLDA Datasheet |
| KMPC8280CVVQLDA Stock         | Buy KMPC8280CVVQLDA                | Buy KMPC8280CVVQLDA       |
| KMPC8280CVVQLDA               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                |                                                                                      |                                                                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | <b>KMPC8280VVUPEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 450MHZ 480TBGA<br>In stock: 4374 pcs<br><b>RFQ</b>  |  | <b>KMPC8280CZUPEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 450MHZ 480TBGA<br>In stock: 5563 pcs<br><b>RFQ</b>  |
|  | <b>KMPC8280CZUQLDA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 333MHZ 480TBGA<br>In stock: 4025 pcs<br><b>RFQ</b> |  | <b>KMPC8313CVRADDB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 267MHZ 516BGA<br>In stock: 4655 pcs<br><b>RFQ</b>  |
|  | <b>KMPC8275CZQMIBA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 266MHZ 516BGA<br>In stock: 2845 pcs<br><b>RFQ</b>  |  | <b>KMPC8272ZQTIEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 400MHZ 516BGA<br>In stock: 3230 pcs<br><b>RFQ</b>   |
|  | <b>KMPC8275VRMIBA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 266MHZ 516BGA<br>In stock: 4916 pcs<br><b>RFQ</b>   |  | <b>KMPC8280CVVUPEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 450MHZ 480TBGA<br>In stock: 3016 pcs<br><b>RFQ</b> |
|  | <b>KMPC8272ZQTMFA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 400MHZ 516BGA<br>In stock: 3494 pcs<br><b>RFQ</b>   |  | <b>KMPC8275ZQMIBA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 266MHZ 516BGA<br>In stock: 4616 pcs<br><b>RFQ</b>   |
|  | <b>KMPC8275CVRMIBA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 266MHZ 516BGA<br>In stock: 3321 pcs<br><b>RFQ</b>  |  | <b>KMPC8280ZUPEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 450MHZ 480TBGA<br>In stock: 5748 pcs<br><b>RFQ</b>   |