

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

## KMPC8270CVRMIBA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | KMPC8270CVRMIBA                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC82XX 266MHZ 516BGA                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5075 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

### Specifications of KMPC8270CVRMIBA

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | KMPC8270CVRMIBA                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC82XX 266MHZ 516BGA                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| QUANTITY AVAILABLE               | 5075 pcs                                                                        |
| DATA SHEET                       |                                                                                 |
| VOLTAGE - I/O                    | 3.3V                                                                            |
| USB                              | USB 2.0 (1)                                                                     |
| SUPPLIER DEVICE PACKAGE          | 516-FPBGA (27x27)                                                               |
| SPEED                            | 266MHz                                                                          |
| SERIES                           | MPC82xx                                                                         |
| SECURITY FEATURES                | -                                                                               |
| SATA                             | -                                                                               |
| RAM CONTROLLERS                  | DRAM, SDRAM                                                                     |
| PACKAGING                        | Tray                                                                            |
| PACKAGE / CASE                   | 516-BBGA                                                                        |
| 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   | 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 266MHz 516-FPBGA (27x27) |
| CORE PROCESSOR                   | PowerPC G2_LE                                                                   |
| CO-PROCESSORS/DSP                | Communications; RISC CPM                                                        |
| BASE PART NUMBER                 | MPC8270                                                                         |
| ADDITIONAL INTERFACES            | I <sup>2</sup> C, SCC, SMC, SPI, UART, USART                                    |

### Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| KMPC8270CVRMIBA               | KMPC8270CVRMIBA Distributor        | KMPC8270CVRMIBA Supplier  |
| KMPC8270CVRMIBA Price         | KMPC8270CVRMIBA Pictures           | KMPC8270CVRMIBA Image     |
| KMPC8270CVRMIBA PDF Datasheet | KMPC8270CVRMIBA Download Datasheet | KMPC8270CVRMIBA Datasheet |
| KMPC8270CVRMIBA Stock         | Buy KMPC8270CVRMIBA                | Buy KMPC8270CVRMIBA       |
| KMPC8270CVRMIBA               | Supplier                           | Distributor               |

### Related Products

|                                                                                    |                                                                                                                                |                                                                                      |                                                                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | <b>KMPC8270CVVUPEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 450MHZ 480TBGA<br>In stock: 3738 pcs<br><b>RFQ</b> |  | <b>KMPC8265AVVPIBC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 200MHZ 480TBGA<br>In stock: 5179 pcs<br><b>RFQ</b> |
|  | <b>KMPC8270CZUUEPA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 450MHZ 480TBGA<br>In stock: 3480 pcs<br><b>RFQ</b> |  | <b>KMPC8270VRMIBA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 266MHZ 516BGA<br>In stock: 3650 pcs<br><b>RFQ</b>   |
|  | <b>KMPC8265AVVPJDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 300MHZ 480TBGA<br>In stock: 5574 pcs<br><b>RFQ</b> |  | <b>KMPC8266AZUPJDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 300MHZ 480TBGA<br>In stock: 4594 pcs<br><b>RFQ</b> |
|  | <b>KMPC8270CZQMIBA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 266MHZ 516BGA<br>In stock: 2897 pcs<br><b>RFQ</b>  |  | <b>KMPC8265AZUPIBC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 200MHZ 480TBGA<br>In stock: 6357 pcs<br><b>RFQ</b> |
|  | <b>KMPC8270CZUQLDA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 333MHZ 480TBGA<br>In stock: 3109 pcs<br><b>RFQ</b> |  | <b>KMPC8270CVVQLDA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 333MHZ 480TBGA<br>In stock: 4268 pcs<br><b>RFQ</b> |
|  | <b>KMPC8266AVVPJDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 300MHZ 480TBGA<br>In stock: 7040 pcs<br><b>RFQ</b> |  | <b>KMPC8265AZUPJDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 300MHZ 480TBGA<br>In stock: 4496 pcs<br><b>RFQ</b> |

