

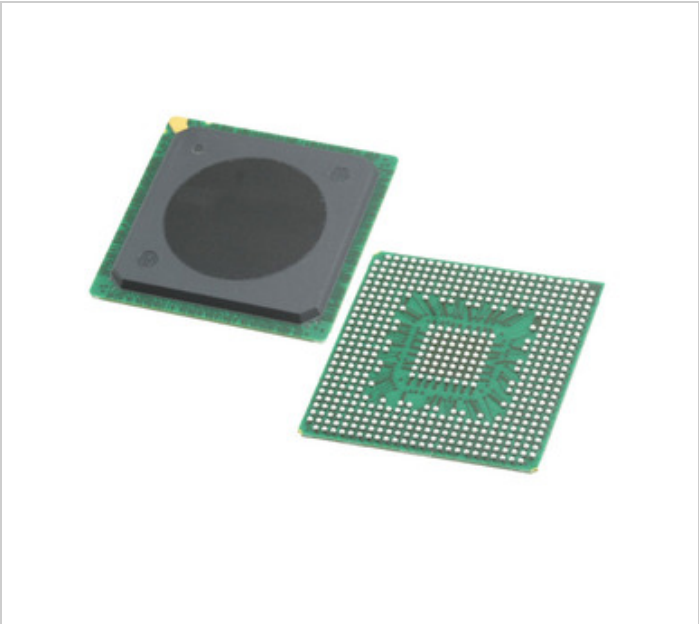


Image may be representation. See specifications for product details.

MPC8271CVRMIBA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8271CVRMIBA                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC82XX 266MHZ 516BGA                                                                                 |
|                     | <a href="#">PDF</a> 1.MPC8271CVRMIBA.pdf                                                                     |
|                     | <a href="#">PDF</a> 2.MPC8271CVRMIBA.pdf                                                                     |
|                     | <a href="#">PDF</a> 3.MPC8271CVRMIBA.pdf                                                                     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

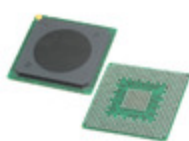
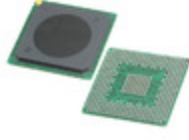
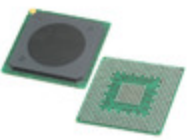
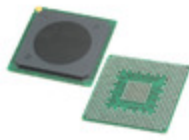
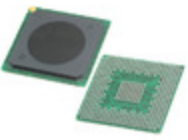
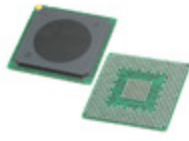
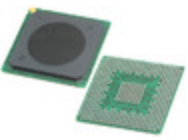
Specifications of MPC8271CVRMIBA

|                                  |                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8271CVRMIBA                                                                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                   |
| DESCRIPTION                      | IC MPU MPC82XX 266MHZ 516BGA                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                       |
| DATA SHEET                       | <a href="#">PDF</a> 1.MPC8271CVRMIBA.pdf<br><a href="#">PDF</a> 2.MPC8271CVRMIBA.pdf<br><a href="#">PDF</a> 3.MPC8271CVRMIBA.pdf |
| 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                                                                                                                         |
| OTHER NAMES                      | 935319178557                                                                                                                     |
| 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 (2)                                                                                                                  |
| 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                 | MPC8271                                                                                                                          |
| ADDITIONAL INTERFACES            | I <sup>2</sup> C, SCC, SMC, SPI, UART, USART                                                                                     |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale MPC8271CVRMIBA | MPC8271CVRMIBA Distributor              | MPC8271CVRMIBA Supplier                           |
| MPC8271CVRMIBA Price                          | MPC8271CVRMIBA Pictures                 | MPC8271CVRMIBA Image                              |
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| NXP Semiconductors / Freescale MPC8271CVRMIBA | NXP Semiconductors MPC8271CVRMIBA       | Freescale MPC8271CVRMIBA                          |
| Freescale Semiconductor - NXP MPC8271CVRMIBA  | NXP USA Inc. MPC8271CVRMIBA             |                                                   |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MPC8271CZQTIEA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPC8271CVRPIEA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 300MHZ 516BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MPC8271CZQPIEA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 300MHZ 516BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPC8270ZUUEPA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 450MHZ 480TBGA<br/>In stock: 15 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MPC8270VVQLDA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 333MHZ 480TBGA<br/>In stock: 39 pcs<br/><div>RFQ</div></div>    |  <div><b>MPC8270VRMIBA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 516BGA<br/>In stock: 56 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MPC8271CZQMIBA</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>MPC8271VRMIBA</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>MPC8271CVRTIEA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 40 pcs<br/><div>RFQ</div></div>    |  <div><b>MPC8270VVUPEA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 450MHZ 480TBGA<br/>In stock: 318 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MPC8270ZUQLDA</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>MPC8270ZQMIBA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 333MHZ 516BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |