

NXP Semiconductors / Freescale

MPC8271CZQMIBA

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8271CZQMIBA                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC82XX 266MHZ 516BGA                                                                                         |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 6081 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

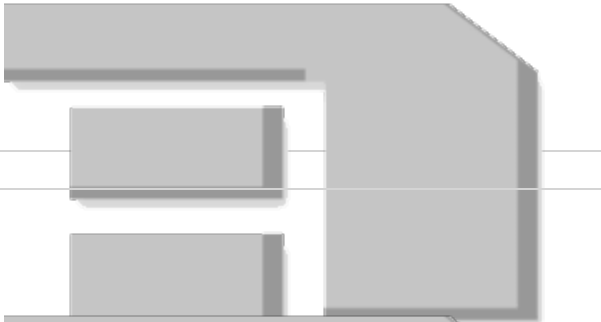
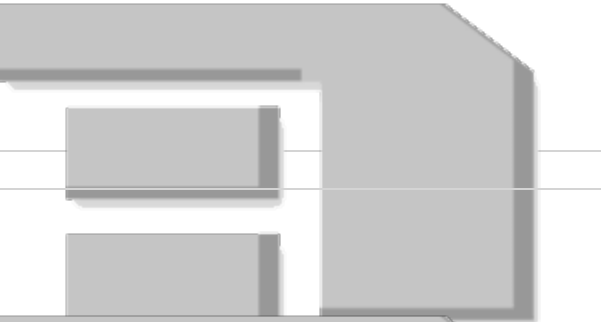
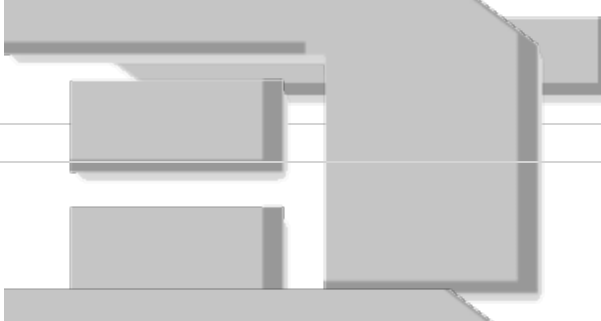
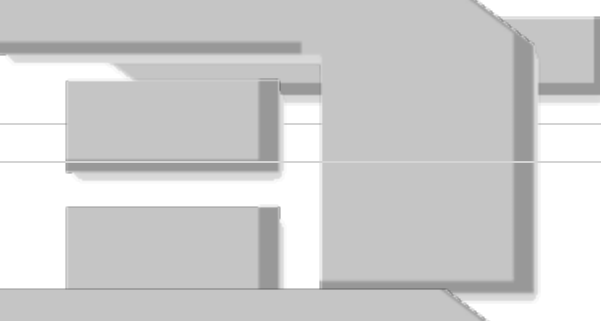
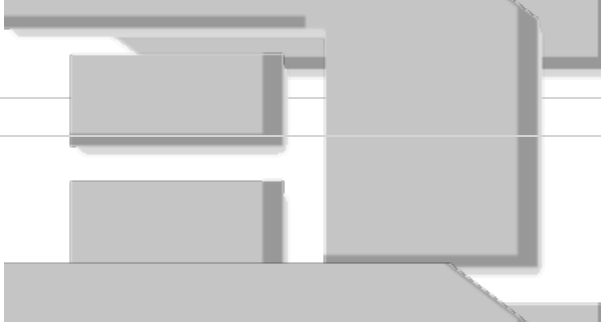
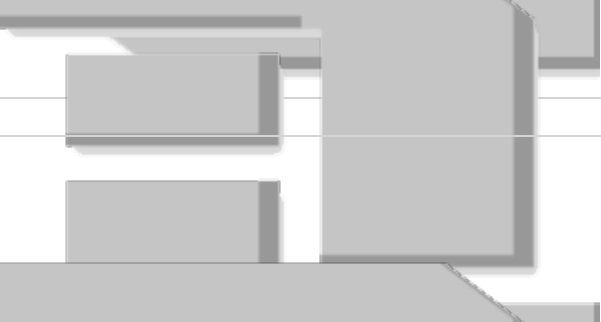
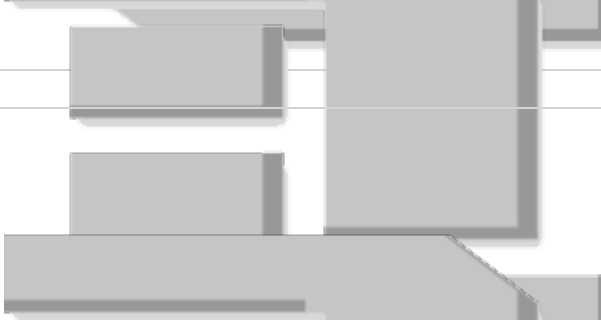
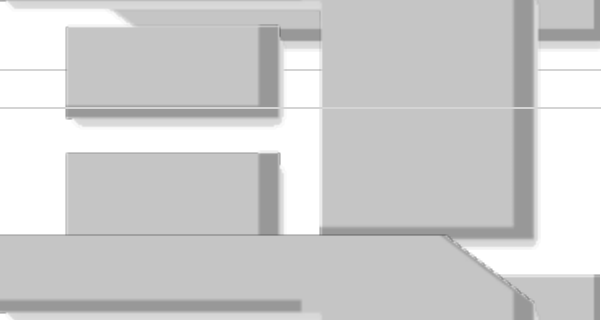
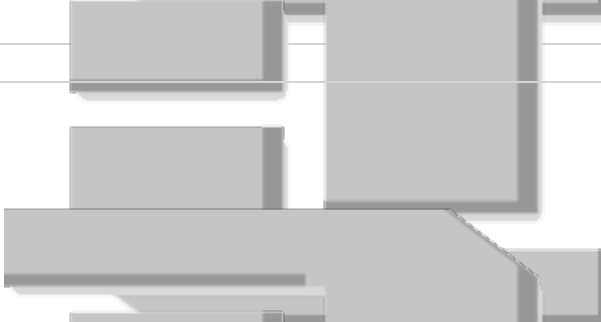
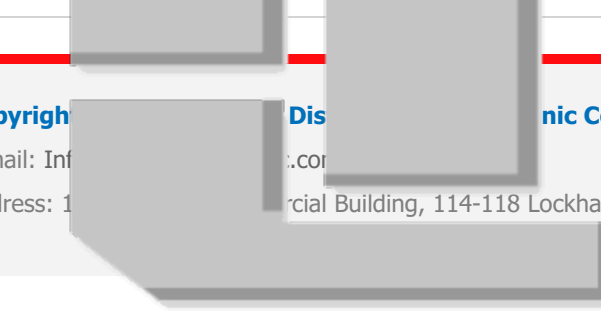
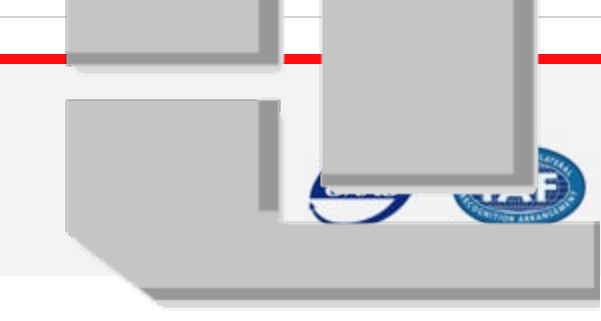
Specifications of MPC8271CZQMIBA

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8271CZQMIBA                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC82XX 266MHZ 516BGA                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                              |
| QUANTITY AVAILABLE               | 6081 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   | Contains lead / RoHS non-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            | I²C, SCC, SMC, SPI, UART, USART                                                 |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MPC8271CZQMIBA               | MPC8271CZQMIBA Distributor        | MPC8271CZQMIBA Supplier  |
| MPC8271CZQMIBA Price         | MPC8271CZQMIBA Pictures           | MPC8271CZQMIBA Image     |
| MPC8271CZQMIBA PDF Datasheet | MPC8271CZQMIBA Download Datasheet | MPC8271CZQMIBA Datasheet |
| MPC8271CZQMIBA Stock         | Buy MPC8271CZQMIBA                | Buy MPC8271CZQMIBA       |
| MPC8271CZQMIBA               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                              |                                                                                      |                                                                                                                              |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8270ZQMIBA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 333MHZ 516BGA<br>In stock: 1479 pcs<br><b>RFQ</b>  |  | <b>MPC8271VRMIBA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 266MHZ 516BGA<br>In stock: 2146 pcs<br><b>RFQ</b>  |
|  | <b>MPC8271VRPIEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 300MHZ 516BGA<br>In stock: 3596 pcs<br><b>RFQ</b>  |  | <b>MPC8271CZQPIEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 300MHZ 516BGA<br>In stock: 6269 pcs<br><b>RFQ</b> |
|  | <b>MPC8271VRTIEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 400MHZ 516BGA<br>In stock: 1924 pcs<br><b>RFQ</b>  |  | <b>MPC8271CVRTIEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 400MHZ 516BGA<br>In stock: 1382 pcs<br><b>RFQ</b> |
|  | <b>MPC8270ZUQLDA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 333MHZ 480TBGA<br>In stock: 843 pcs<br><b>RFQ</b>  |  | <b>MPC8271CVRMIBA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 266MHZ 516BGA<br>In stock: 2052 pcs<br><b>RFQ</b> |
|  | <b>MPC8270ZUJPEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 450MHZ 480TBGA<br>In stock: 793 pcs<br><b>RFQ</b>  |  | <b>MPC8271CZQTIEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 400MHZ 516BGA<br>In stock: 1720 pcs<br><b>RFQ</b> |
|  | <b>MPC8271CVRPIEA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 300MHZ 516BGA<br>In stock: 3009 pcs<br><b>RFQ</b> |  | <b>MPC8271VRTMFA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC82XX 400MHZ 516BGA<br>In stock: 5042 pcs<br><b>RFQ</b>  |