

NXP Semiconductors / Freescale

MPC8272CZQPIEA

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8272CZQPIEA                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC82XX 300MHZ 516BGA                                                                                         |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 4287 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

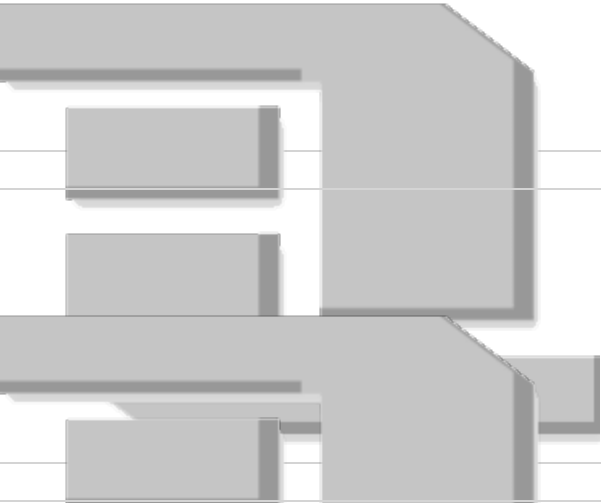
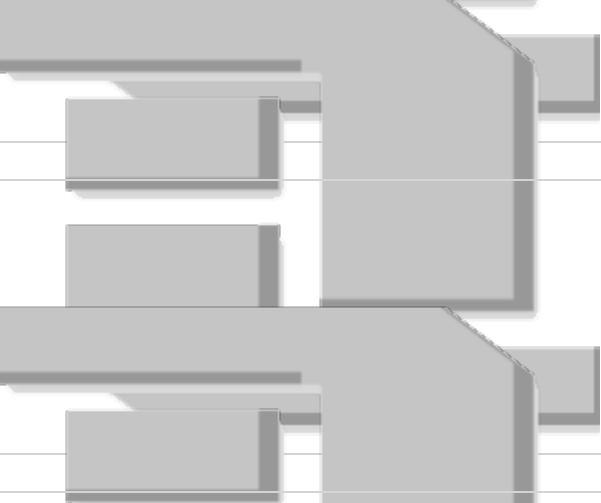
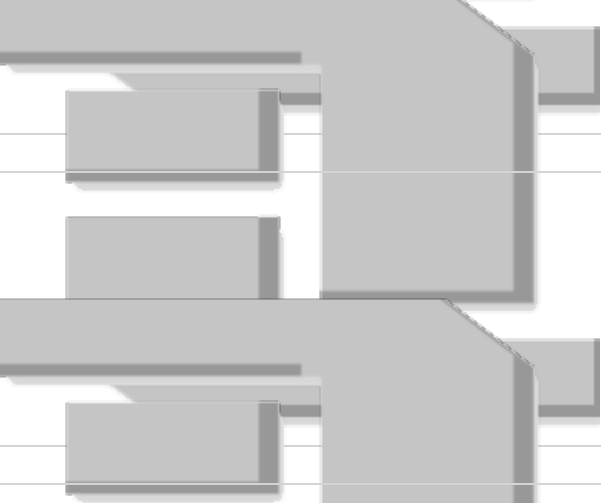
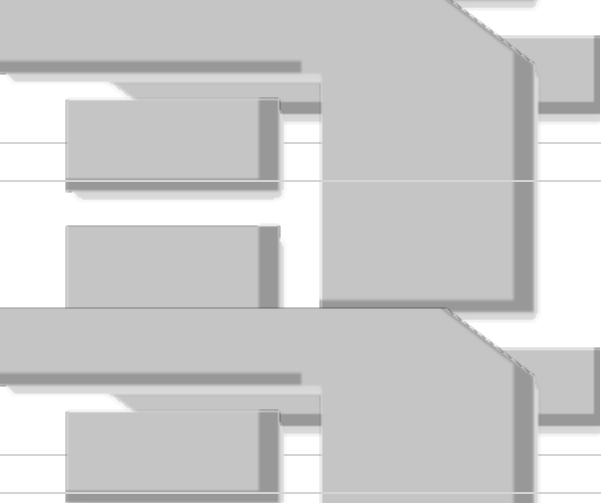
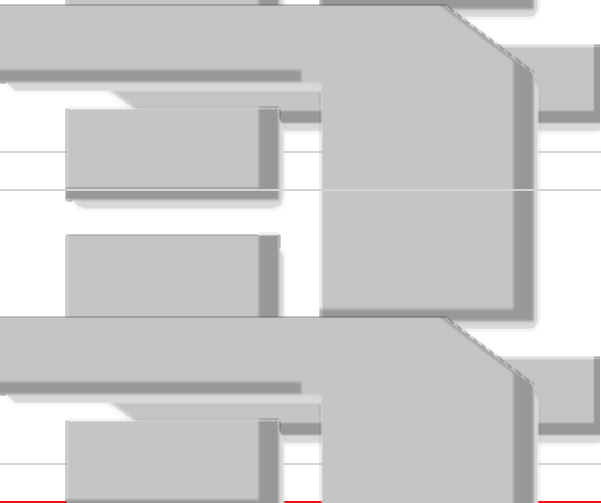
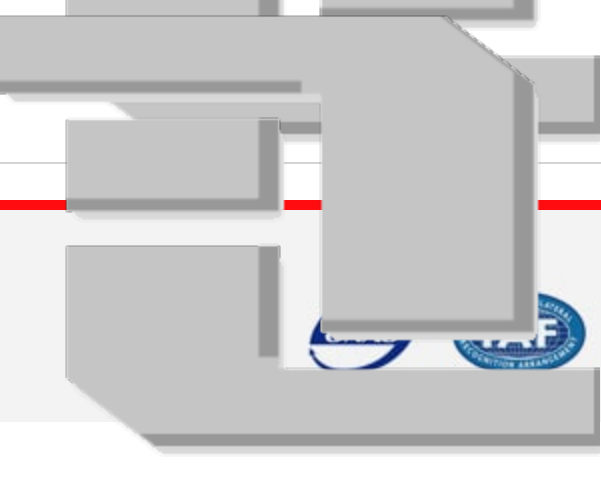
Specifications of MPC8272CZQPIEA

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8272CZQPIEA                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC82XX 300MHZ 516BGA                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                              |
| QUANTITY AVAILABLE               | 4287 pcs                                                                        |
| DATA SHEET                       |                                                                                 |
| VOLTAGE - I/O                    | 3.3V                                                                            |
| USB                              | USB 2.0 (1)                                                                     |
| SUPPLIER DEVICE PACKAGE          | 516-FPBGA (27x27)                                                               |
| SPEED                            | 300MHz                                                                          |
| SERIES                           | MPC82xx                                                                         |
| SECURITY FEATURES                | Cryptography, Random Number Generator                                           |
| 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 300MHz 516-FPBGA (27x27) |
| CORE PROCESSOR                   | PowerPC G2_LE                                                                   |
| CO-PROCESSORS/DSP                | Communications; RISC CPM, Security; SEC                                         |
| BASE PART NUMBER                 | MPC8272                                                                         |
| ADDITIONAL INTERFACES            | I²C, SCC, SMC, SPI, UART, USART                                                 |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MPC8272CZQPIEA               | MPC8272CZQPIEA Distributor        | MPC8272CZQPIEA Supplier  |
| MPC8272CZQPIEA Price         | MPC8272CZQPIEA Pictures           | MPC8272CZQPIEA Image     |
| MPC8272CZQPIEA PDF Datasheet | MPC8272CZQPIEA Download Datasheet | MPC8272CZQPIEA Datasheet |
| MPC8272CZQPIEA Stock         | Buy MPC8272CZQPIEA                | Buy MPC8272CZQPIEA       |
| MPC8272CZQPIEA               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                        |                                                                                      |                                                                                                                                        |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MPC8272CVRPIEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 300MHZ 516BGA<br/>In stock: 6157 pcs</p> <p>RFQ</p> |  | <p><b>MPC8272CZQTIEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 1375 pcs</p> <p>RFQ</p> |
|  | <p><b>MPC8272VRPIEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 300MHZ 516BGA<br/>In stock: 2145 pcs</p> <p>RFQ</p>  |  | <p><b>MPC8272VRTMFA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 1587 pcs</p> <p>RFQ</p>  |
|  | <p><b>MPC8272ZQMIBA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 266MHZ 516BGA<br/>In stock: 2254 pcs</p> <p>RFQ</p>  |  | <p><b>MPC8272CVRTIEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 1608 pcs</p> <p>RFQ</p> |
|  | <p><b>MPC8272VRTIEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 1802 pcs</p> <p>RFQ</p>  |  | <p><b>MPC8272VRMIBA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 266MHZ 516BGA<br/>In stock: 2384 pcs</p> <p>RFQ</p>  |
|  | <p><b>MPC8272ADS</b></p> <p>Manufacturers: NXP<br/>Description: KIT DEVELOPMENT MPC8272<br/>In stock: 6242 pcs</p> <p>RFQ</p>          |  | <p><b>MPC8272CVRMIBA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 266MHZ 516BGA<br/>In stock: 1999 pcs</p> <p>RFQ</p> |
|  | <p><b>MPC8272CZQMIBA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 266MHZ 516BGA<br/>In stock: 2260 pcs</p> <p>RFQ</p> |  | <p><b>MPC8271ZQTMFA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 400MHZ 516BGA<br/>In stock: 4372 pcs</p> <p>RFQ</p>  |