

MPC8275CVRMIBA



Part Number: [MPC8275CVRMIBA](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC82XX 266MHZ 516BGA

Data sheet:  [MPC8280 PowerQUICC II Family](#)

RoHs Status: Lead free / RoHS Compliant

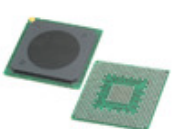
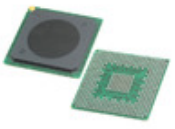
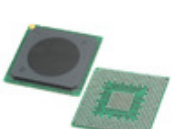
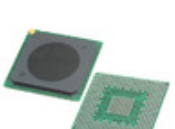
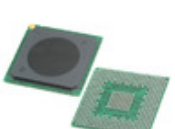
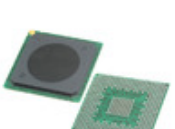
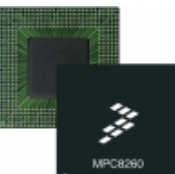
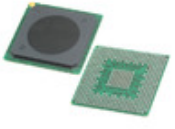
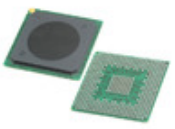
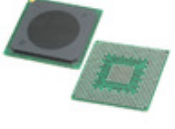
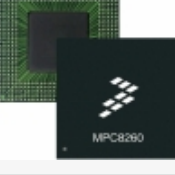
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | MPC8275CVRMIBA                            | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MPU MPC82XX 266MHZ 516BGA              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 1088 pcs                                  | Data sheet                     | <a href="#">MPC8280 PowerQUICC II Family</a>                                    |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | 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                    | 935309512557                                                                    |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                         | MPC8275                                   | Additional Interfaces          | I²C, SCC, SMC, SPI, UART, USART                                                 |
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