

MPC5200CVR400B



Part Number: [MPC5200CVR400B](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC52XX 400MHZ 272BGA

Data sheet:  [MPC5200B](#)

RoHS Status: Lead free / RoHS Compliant

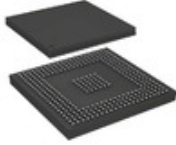
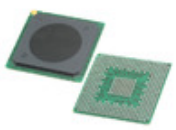
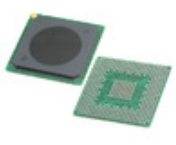
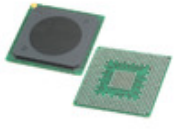
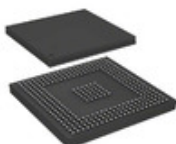
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | MPC5200CVR400B                            | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MPU MPC52XX 400MHZ 272BGA              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 2364 pcs                                  | Data sheet                     | <a href="#">MPC5200B</a>                                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - I/O                  | 2.5V, 3.3V                                                                      |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                      | USB 1.1 (2)                               | Supplier Device Package        | 272-PBGA (27x27)                                                                |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                    | 400MHz                                    | Series                         | MPC52xx                                                                         |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | SATA                           | -                                                                               |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                          | DDR, SDRAM                                | Packaging                      | Tray                                                                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 272-BBGA                                  | Other Names                    | 935309513557                                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°C ~ 85°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 (1)                                                                 |
| Display & Interface Controllers                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Detailed Description           | PowerPC e300 Microprocessor IC MPC52xx 1 Core, 32-Bit 400MHz 272-PBGA (27x27)   |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                           | PowerPC e300                              | Co-Processors/DSP              | -                                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                         | PC5200                                    | Additional Interfaces          | AC97, CAN, J1850, I <sup>2</sup> C, I <sup>2</sup> S, IrDA, PCI, PSC, SPI, UART |
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|  | Part#: <a href="#">MPC5121YVY400B</a><br>Description: IC MCU 32BIT ROMLESS 516FPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>   | RFQ |
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|  | Part#: <a href="#">MPC5125YVN400</a><br>Description: IC MCU 32BIT ROMLESS 324TEPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>   | RFQ |

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