

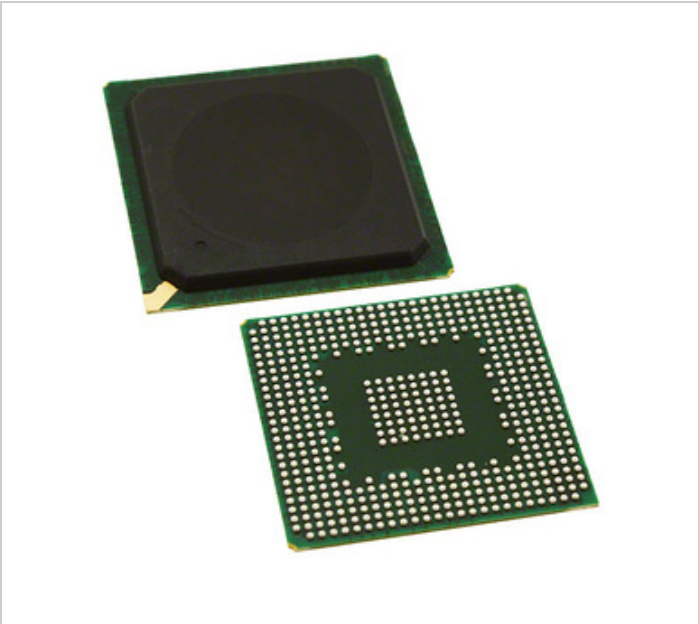


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MPC8313CZQADDC

|                     |                                          |
|---------------------|------------------------------------------|
| Part Number:        | MPC8313CZQADDC                           |
| Manufacturer/Brand: | NXP Semiconductors / Freescale           |
| Product description | IC MPU MPC83XX 267MHZ 516BGA             |
|                     | <a href="#">PDF</a> 1.MPC8313CZQADDC.pdf |
|                     | <a href="#">PDF</a> 2.MPC8313CZQADDC.pdf |
| Datasheets:         | Lead free / RoHS Compliant               |
| RoHs Status         |                                          |
| Ship From           | Hong Kong                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                    |

REQUEST FOR QUOTATION

Specifications of MPC8313CZQADDC

|                                  |                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8313CZQADDC                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                       |
| DESCRIPTION                      | IC MPU MPC83XX 267MHZ 516BGA                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                           |
| DATA SHEET                       | <a href="#">PDF</a> 1.MPC8313CZQADDC.pdf<br><a href="#">PDF</a> 2.MPC8313CZQADDC.pdf |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                     |
| USB                              | USB 2.0 + PHY (1)                                                                    |
| SUPPLIER DEVICE PACKAGE          | 516-TEPBGA (27x27)                                                                   |
| SPEED                            | 267MHz                                                                               |
| SERIES                           | MPC83xx                                                                              |
| SECURITY FEATURES                | -                                                                                    |
| SATA                             | -                                                                                    |
| RAM CONTROLLERS                  | DDR, DDR2                                                                            |
| PACKAGING                        | Tray                                                                                 |
| PACKAGE / CASE                   | 516-BBGA Exposed Pad                                                                 |
| OTHER NAMES                      | 935324472557                                                                         |
| 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                         | 10/100/1000 Mbps (2)                                                                 |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                    |
| DETAILED DESCRIPTION             | PowerPC e300c3 Microprocessor IC MPC83xx 1 Core, 32-Bit 267MHz 516-TEPBGA (27x27)    |
| CORE PROCESSOR                   | PowerPC e300c3                                                                       |
| CO-PROCESSORS/DSP                | -                                                                                    |
| BASE PART NUMBER                 | MPC8313                                                                              |
| ADDITIONAL INTERFACES            | DUART, HSSI, I <sup>2</sup> C, PCI, SPI                                              |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale MPC8313CZQADDC | MPC8313CZQADDC Distributor              | MPC8313CZQADDC Supplier                           |
| MPC8313CZQADDC Price                          | MPC8313CZQADDC Pictures                 | MPC8313CZQADDC Image                              |
| MPC8313CZQADDC PDF Datasheet                  | MPC8313CZQADDC Download Datasheet       | MPC8313CZQADDC Datasheet                          |
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| Freescale Semiconductor - NXP MPC8313CZQADDC  | NXP USA Inc. MPC8313CZQADDC             |                                                   |

Related Products

|                                                                                                                                                                 |                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>MPC8313CZQAFF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: Out stock</p> <p>RFQ</p>  | <p><b>MPC8313CZQADD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 267MHZ 516BGA<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>MPC8313E-RDBC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: BOARD CPU 8313E VER 2.2<br/>In stock: Out stock</p> <p>RFQ</p>       | <p><b>MPC8313CZQAFFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>MPC8313CZQADDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 267MHZ 516BGA<br/>In stock: Out stock</p> <p>RFQ</p> | <p><b>MPC8313CZQAGDC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 516BGA<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>MPC8313E-RDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: BOARD PROCESSOR<br/>In stock: Out stock</p> <p>RFQ</p>                | <p><b>MPC8313CVRAFF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: Out stock</p> <p>RFQ</p>  |
| <p><b>MPC8313E-RDBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: BOARD CPU 8313E VER 2.1<br/>In stock: Out stock</p> <p>RFQ</p>       | <p><b>MPC8313CVRAGDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 400MHZ 516BGA<br/>In stock: Out stock</p> <p>RFQ</p> |
| <p><b>MPC8313CVRAFFC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: 863 pcs</p> <p>RFQ</p>   | <p><b>MPC8313CVRAFFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: Out stock</p> <p>RFQ</p> |