

NXP Semiconductors / Freescale

MPC8313CZQAFF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8313CZQAFF                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC83XX 333MHZ 516BGA                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6876 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

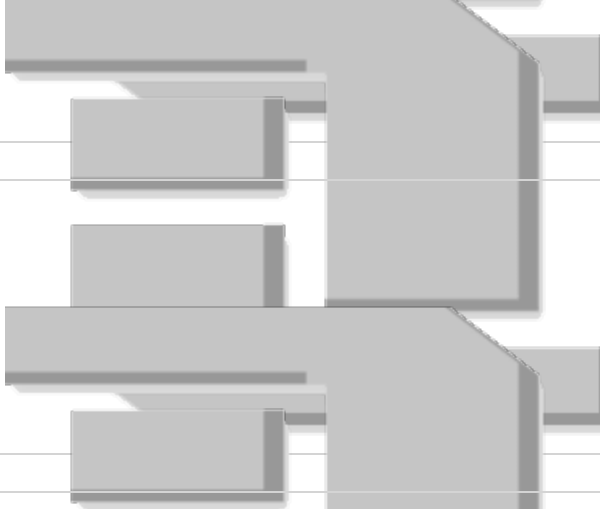
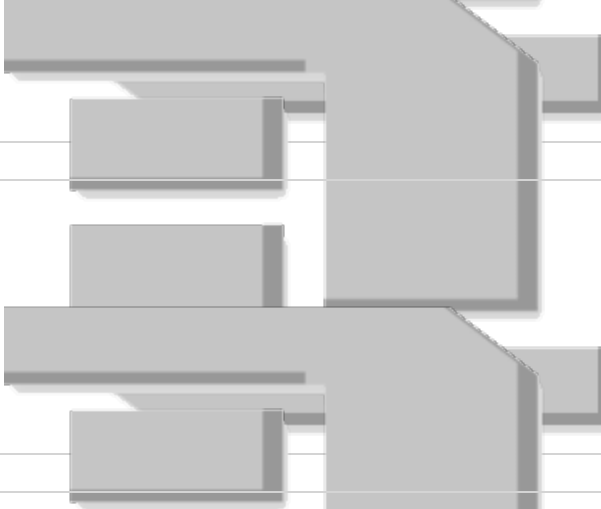
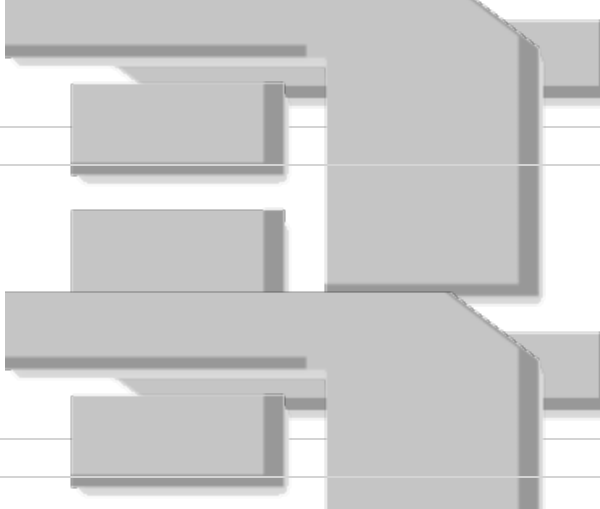
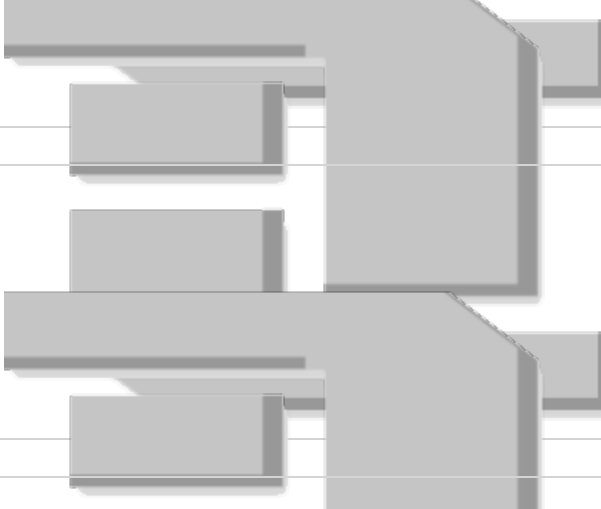
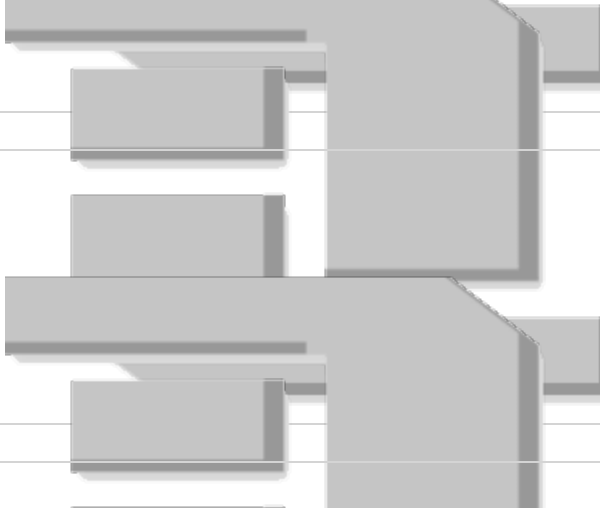
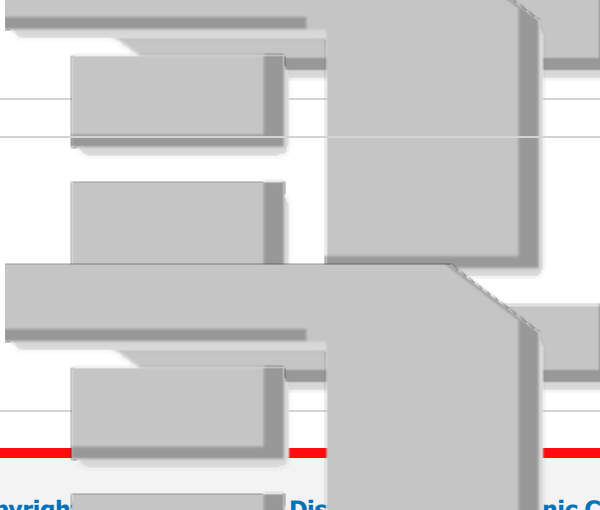
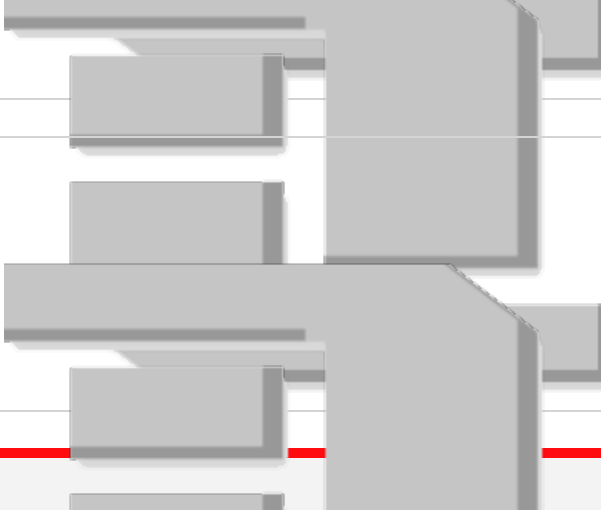
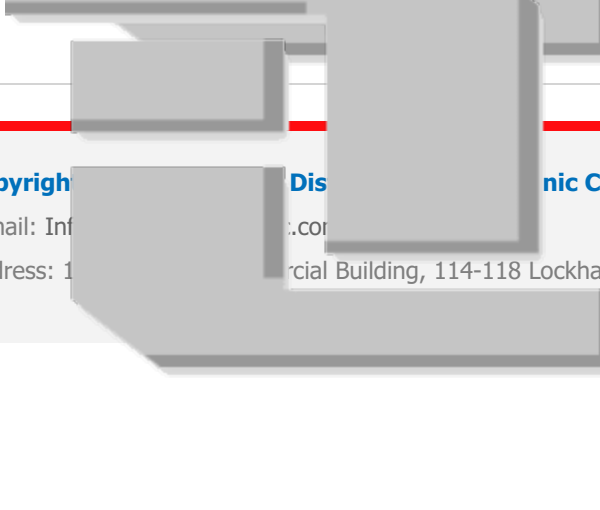
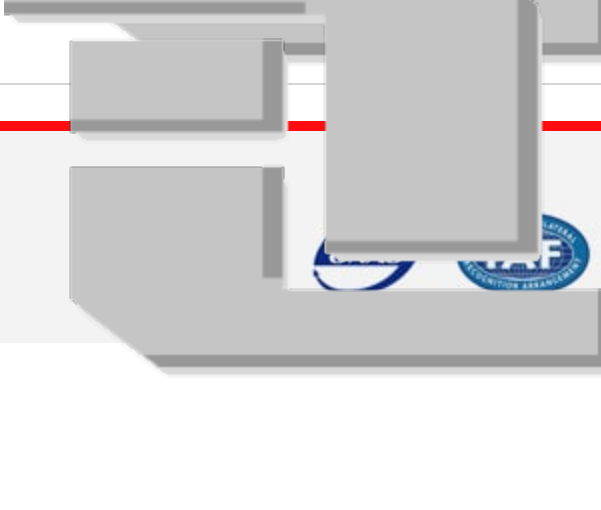
Specifications of MPC8313CZQAFF

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8313CZQAFF                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                    |
| DESCRIPTION                      | IC MPU MPC83XX 333MHZ 516BGA                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| QUANTITY AVAILABLE               | 6876 pcs                                                                          |
| DATA SHEET                       |                                                                                   |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                  |
| USB                              | USB 2.0 + PHY (1)                                                                 |
| SUPPLIER DEVICE PACKAGE          | 516-TEPBGA (27x27)                                                                |
| SPEED                            | 333MHz                                                                            |
| SERIES                           | MPC83xx                                                                           |
| SECURITY FEATURES                | -                                                                                 |
| SATA                             | -                                                                                 |
| RAM CONTROLLERS                  | DDR, DDR2                                                                         |
| PACKAGING                        | Tray                                                                              |
| PACKAGE / CASE                   | 516-BBGA Exposed Pad                                                              |
| 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 333MHz 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

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MPC8313CZQAFF               | MPC8313CZQAFF Distributor        | MPC8313CZQAFF Supplier  |
| MPC8313CZQAFF Price         | MPC8313CZQAFF Pictures           | MPC8313CZQAFF Image     |
| MPC8313CZQAFF PDF Datasheet | MPC8313CZQAFF Download Datasheet | MPC8313CZQAFF Datasheet |
| MPC8313CZQAFF Stock         | Buy MPC8313CZQAFF                | Buy MPC8313CZQAFF       |
| MPC8313CZQAFF               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                               |                                                                                      |                                                                                                                              |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8313E-RDBC</b><br>Manufacturers: NXP<br>Description: BOARD CPU 8313E VER 2.2<br>In stock: 268 pcs<br><b>RFQ</b>         |  | <b>MPC8313CZQADDB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 267MHZ 516BGA<br>In stock: 6577 pcs<br><b>RFQ</b> |
|  | <b>MPC8313E-RDB</b><br>Manufacturers: NXP<br>Description: BOARD PROCESSOR<br>In stock: 2724 pcs<br><b>RFQ</b>                 |  | <b>MPC8313CVRAFFB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 267MHZ 516BGA<br>In stock: 5764 pcs<br><b>RFQ</b> |
|  | <b>MPC8313E-RDBB</b><br>Manufacturers: NXP<br>Description: BOARD CPU 8313E VER 2.1<br>In stock: 6820 pcs<br><b>RFQ</b>        |  | <b>MPC8313CZQADD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 267MHZ 516BGA<br>In stock: 4420 pcs<br><b>RFQ</b>  |
|  | <b>MPC8313CVRAGDB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 400MHZ 516BGA<br>In stock: 2754 pcs<br><b>RFQ</b>  |  | <b>MPC8313CVRAFFC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 2804 pcs<br><b>RFQ</b> |
|  | <b>MPC8313CZQAGDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 400MHZ 516BGA<br>In stock: 3139 pcs<br><b>RFQ</b>  |  | <b>MPC8313CZQADDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 267MHZ 516BGA<br>In stock: 3717 pcs<br><b>RFQ</b> |
|  | <b>MPC8313ECVRADDB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 267MHZ 516BGA<br>In stock: 6149 pcs<br><b>RFQ</b> |  | <b>MPC8313CZQAFFB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 3644 pcs<br><b>RFQ</b> |