

NXP Semiconductors / Freescale

MPC8313EVRAFFC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8313EVRAFFC                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC83XX 333MHZ 516BGA                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 2733 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

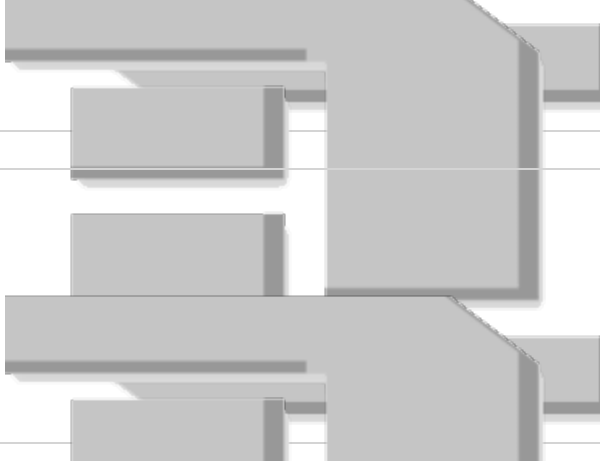
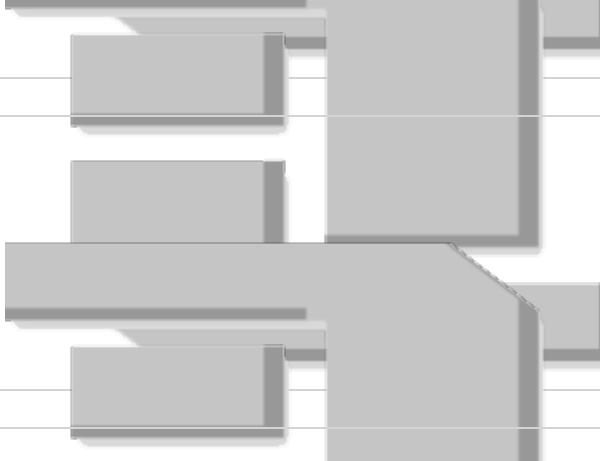
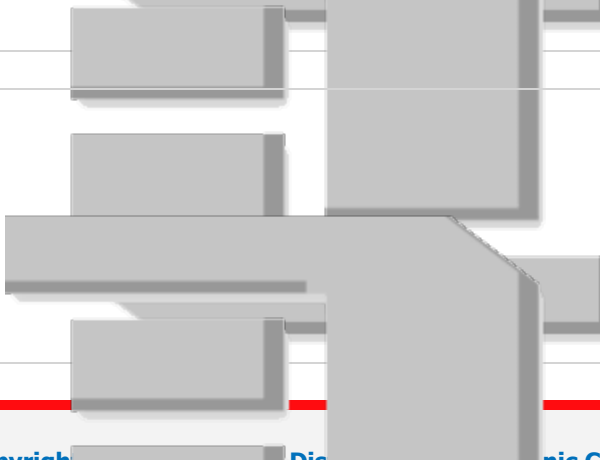
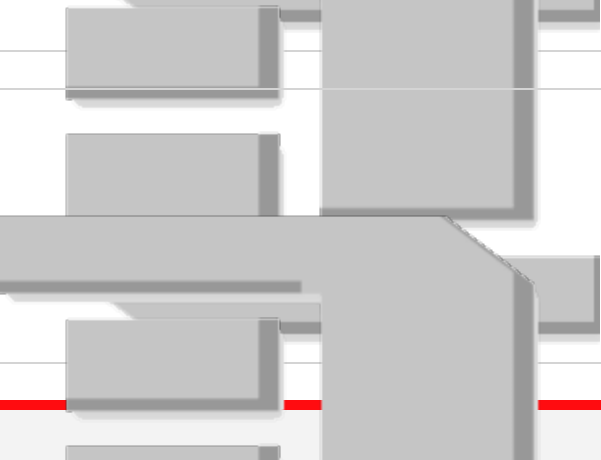
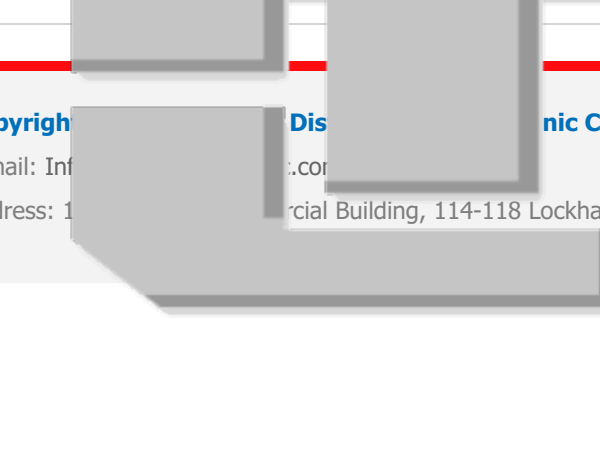
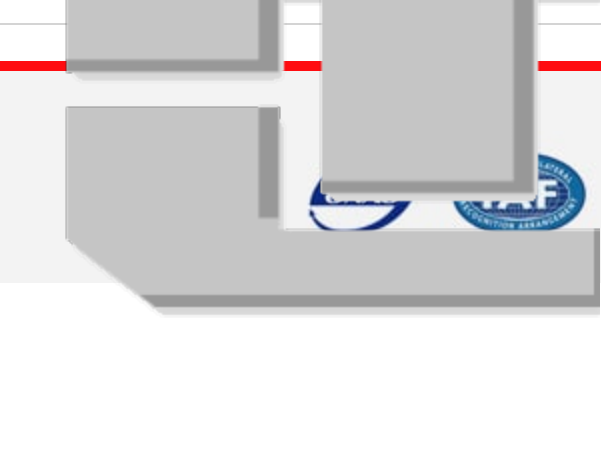
Specifications of MPC8313EVRAFFC

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8313EVRAFFC                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                    |
| DESCRIPTION                      | IC MPU MPC83XX 333MHZ 516BGA                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| QUANTITY AVAILABLE               | 2733 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                | Cryptography                                                                      |
| SATA                             | -                                                                                 |
| RAM CONTROLLERS                  | DDR, DDR2                                                                         |
| PACKAGING                        | Tray                                                                              |
| PACKAGE / CASE                   | 516-BBGA Exposed Pad                                                              |
| OTHER NAMES                      | 568-14423<br>935321483557<br>MPC8313EVRAFFC-ND                                    |
| OPERATING TEMPERATURE            | 0°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                | Security; SEC 2.2                                                                 |
| BASE PART NUMBER                 | MPC8313                                                                           |
| ADDITIONAL INTERFACES            | DUART, HSSI, I <sup>2</sup> C, PCI, SPI                                           |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MPC8313EVRAFFC               | MPC8313EVRAFFC Distributor        | MPC8313EVRAFFC Supplier  |
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| MPC8313EVRAFFC PDF Datasheet | MPC8313EVRAFFC Download Datasheet | MPC8313EVRAFFC Datasheet |
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| MPC8313EVRAFFC               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                                                                                       |                                                                                      |                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8313EVRAADB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 400MHZ 516BGA<br>In stock: 5995 pcs<br> |  | <b>MPC8313EVRAFFB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 4431 pcs<br>  |
|  | <b>MPC8313EZQAFFB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 7002 pcs<br> |  | <b>MPC8313EVRAADB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 267MHZ 516BGA<br>In stock: 4383 pcs<br>  |
|  | <b>MPC8313EZQADD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 267MHZ 516BGA<br>In stock: 3100 pcs<br>  |  | <b>MPC8313EVRAFF</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 2881 pcs<br>   |
|  | <b>MPC8313EZQADDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 267MHZ 516BGA<br>In stock: 4627 pcs<br> |  | <b>MPC8313ECZQAGDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 400MHZ 516BGA<br>In stock: 3176 pcs<br> |
|  | <b>MPC8313EZQAFF</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 3678 pcs<br>  |  | <b>MPC8313ECZQAFFB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 5022 pcs<br> |
|  | <b>MPC8313EZQADDB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 267MHZ 516BGA<br>In stock: 5474 pcs<br> |  | <b>MPC8313ECZQAFFC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 3268 pcs<br> |