

NXP Semiconductors / Freescale

KMPC8323ECZQADDC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | KMPC8323ECZQADDC                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC83XX 266MHZ 516BGA                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6721 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

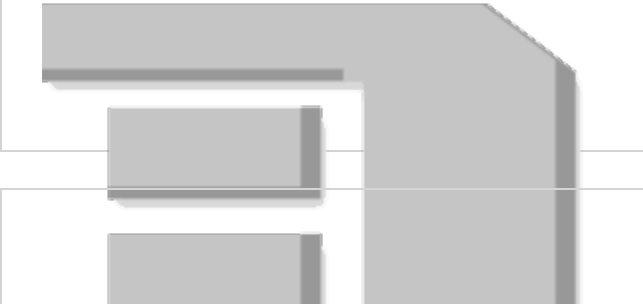
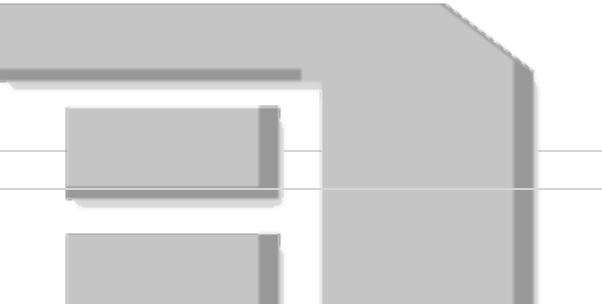
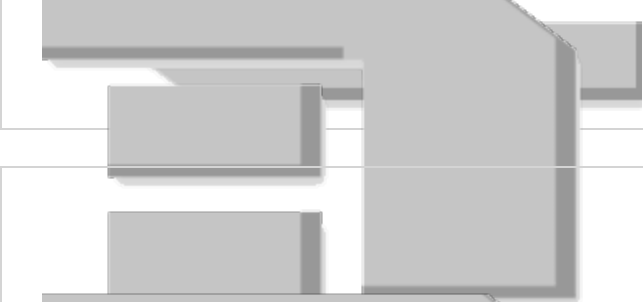
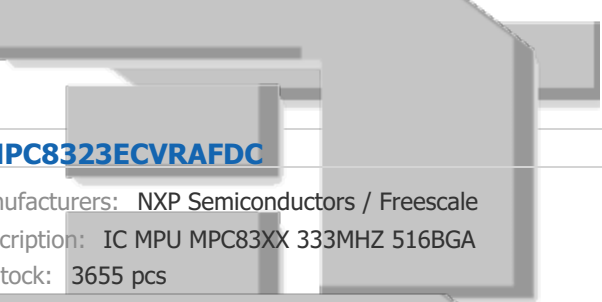
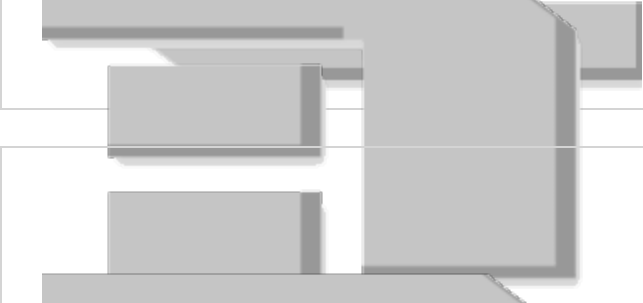
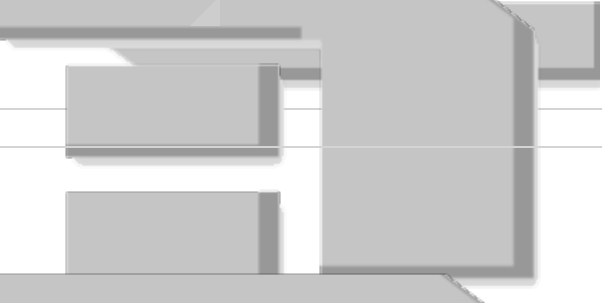
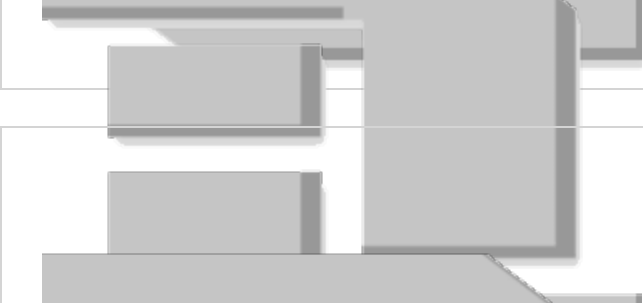
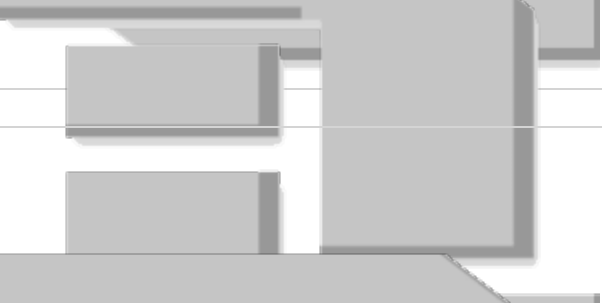
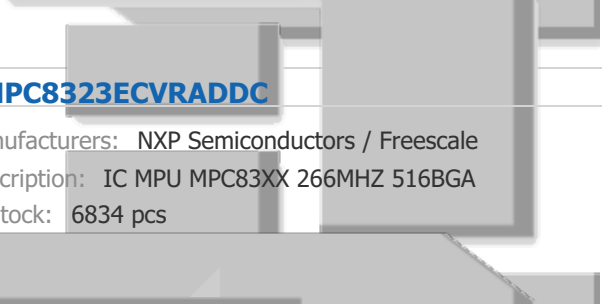
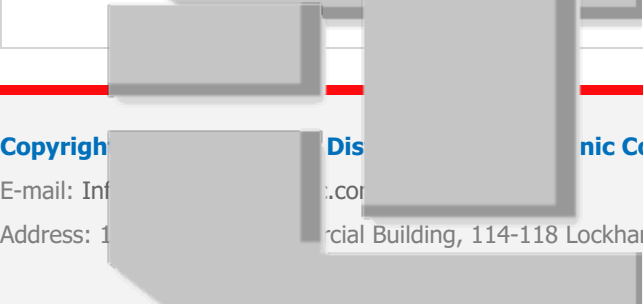
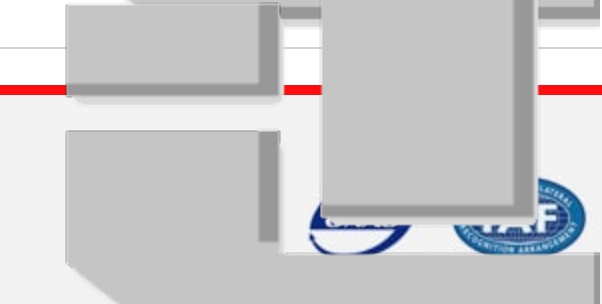
Specifications of KMPC8323ECZQADDC

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | KMPC8323ECZQADDC                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MPU MPC83XX 266MHZ 516BGA                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 6721 pcs                                                                         |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                 |
| USB                              | USB 2.0 (1)                                                                      |
| SUPPLIER DEVICE PACKAGE          | 516-FPBGA (27x27)                                                                |
| SPEED                            | 266MHz                                                                           |
| SERIES                           | MPC83xx                                                                          |
| SECURITY FEATURES                | Cryptography                                                                     |
| SATA                             | -                                                                                |
| RAM CONTROLLERS                  | DDR, DDR2                                                                        |
| PACKAGING                        | Tray                                                                             |
| PACKAGE / CASE                   | 516-BBGA                                                                         |
| 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 e300c2 Microprocessor IC MPC83xx 1 Core, 32-Bit 266MHz 516-FPBGA (27x27) |
| CORE PROCESSOR                   | PowerPC e300c2                                                                   |
| CO-PROCESSORS/DSP                | Communications; QUICC Engine, Security; SEC 2.2                                  |
| BASE PART NUMBER                 | MPC8323                                                                          |
| ADDITIONAL INTERFACES            | DUART, I²C, PCI, SPI, TDM, UART                                                  |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| KMPC8323ECZQADDC               | KMPC8323ECZQADDC Distributor        | KMPC8323ECZQADDC Supplier  |
| KMPC8323ECZQADDC Price         | KMPC8323ECZQADDC Pictures           | KMPC8323ECZQADDC Image     |
| KMPC8323ECZQADDC PDF Datasheet | KMPC8323ECZQADDC Download Datasheet | KMPC8323ECZQADDC Datasheet |
| KMPC8323ECZQADDC Stock         | Buy KMPC8323ECZQADDC                | Buy KMPC8323ECZQADDC       |
| KMPC8323ECZQADDC               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>KMPC8323CZQADDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 266MHZ 516BGA<br>In stock: 2805 pcs<br><b>RFQ</b>                             | <br><b>KMPC8323EVRADDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 266MHZ 516BGA<br>In stock: 3430 pcs<br><b>RFQ</b>                              |
| <br><b>KMPC8323EZQAFDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 5044 pcs<br><b>RFQ</b>                             | <br><b>KMPC8323ECVRAFDC</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 3655 pcs<br><b>RFQ</b>  |
| <br><b>KMPC8323CVRADDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 266MHZ 516BGA<br>In stock: 5684 pcs<br><b>RFQ</b>                             | <br><b>KMPC8323EVRAFDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 4197 pcs<br><b>RFQ</b>                              |
| <br><b>KMPC8323CVRAFDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 6047 pcs<br><b>RFQ</b>                             | <br><b>KMPC8323CZQAFDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 4188 pcs<br><b>RFQ</b>                              |
| <br><b>KMPC8323ECZQAFDC</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU MPC83XX 333MHZ 516BGA<br>In stock: 3188 pcs<br><b>RFQ</b> | <br><b>KMPC8323ECVRAADDC</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MPU MPC83XX 266MHZ 516BGA<br>In stock: 6834 pcs<br><b>RFQ</b> |
| <br><b>KMPC8323EZQADDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 266MHZ 516BGA<br>In stock: 5378 pcs<br><b>RFQ</b>                             | <br><b>KMPC8323VRADDC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC83XX 266MHZ 516BGA<br>In stock: 2903 pcs<br><b>RFQ</b>                               |