

NXP Semiconductors / Freescale

MPC8321VRAFDC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8321VRAFDC                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC83XX 333MHZ 516BGA                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5594 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

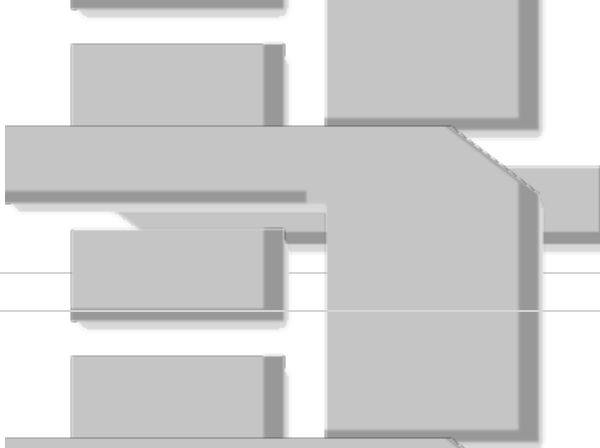
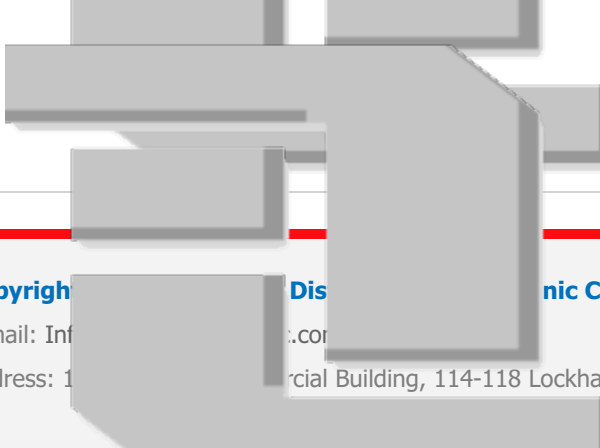
Specifications of MPC8321VRAFDC

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8321VRAFDC                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MPU MPC83XX 333MHZ 516BGA                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 5594 pcs                                                                         |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                 |
| USB                              | USB 2.0 (1)                                                                      |
| SUPPLIER DEVICE PACKAGE          | 516-FPBGA (27x27)                                                                |
| SPEED                            | 333MHz                                                                           |
| SERIES                           | MPC83xx                                                                          |
| SECURITY FEATURES                | -                                                                                |
| SATA                             | -                                                                                |
| RAM CONTROLLERS                  | DDR, DDR2                                                                        |
| PACKAGING                        | Tray                                                                             |
| PACKAGE / CASE                   | 516-BBGA                                                                         |
| 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 Mbps (3)                                                                  |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                |
| DETAILED DESCRIPTION             | PowerPC e300c2 Microprocessor IC MPC83xx 1 Core, 32-Bit 333MHz 516-FPBGA (27x27) |
| CORE PROCESSOR                   | PowerPC e300c2                                                                   |
| CO-PROCESSORS/DSP                | Communications; QUICC Engine                                                     |
| BASE PART NUMBER                 | MPC8321                                                                          |
| ADDITIONAL INTERFACES            | DUART, I²C, PCI, SPI, TDM, UART                                                  |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MPC8321VRAFDC               | MPC8321VRAFDC Distributor        | MPC8321VRAFDC Supplier  |
| MPC8321VRAFDC Price         | MPC8321VRAFDC Pictures           | MPC8321VRAFDC Image     |
| MPC8321VRAFDC PDF Datasheet | MPC8321VRAFDC Download Datasheet | MPC8321VRAFDC Datasheet |
| MPC8321VRAFDC Stock         | Buy MPC8321VRAFDC                | Buy MPC8321VRAFDC       |
| MPC8321VRAFDC               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                         |                                                                                      |                                                                                                                                         |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MPC8321ZQAFDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: 5431 pcs</p> <p>RFQ</p>   |  | <p><b>MPC8321EZQADDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: 5756 pcs</p> <p>RFQ</p>  |
|  | <p><b>MPC8321EVRAFDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: 4306 pcs</p> <p>RFQ</p>  |  | <p><b>MPC8321ZQADDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: 5552 pcs</p> <p>RFQ</p>   |
|  | <p><b>MPC8323CVRADDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: 3120 pcs</p> <p>RFQ</p>  |  | <p><b>MPC8323CVRADDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: 6584 pcs</p> <p>RFQ</p>  |
|  | <p><b>MPC8321EZQAFDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: 6336 pcs</p> <p>RFQ</p>  |  | <p><b>MPC8321VRADDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: 3708 pcs</p> <p>RFQ</p>   |
|  | <p><b>MPC8321VRAFDCA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: 4267 pcs</p> <p>RFQ</p>  |  | <p><b>MPC8321EVRAFDCA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: 2735 pcs</p> <p>RFQ</p> |
|  | <p><b>MPC8323CVRAFDCA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: 6039 pcs</p> <p>RFQ</p> |  | <p><b>MPC8321VRADDC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: 3736 pcs</p> <p>RFQ</p>   |