

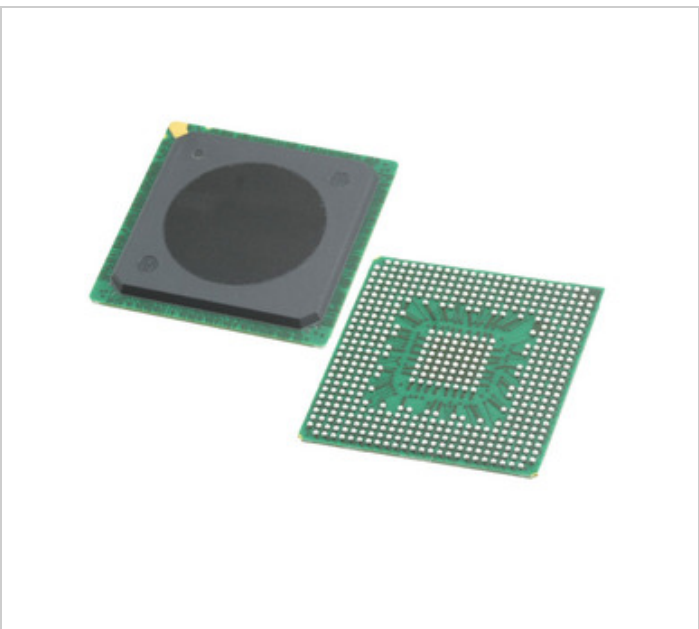


Image may be representation. See specifications for product details.

### MPC8323ECVRADDC

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8323ECVRADDC                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                        |
| Product description | IC MPU MPC83XX 266MHZ 516BGA                                                                                          |
| Datasheets:         |  <a href="#">MPC8323ECVRADDC.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

[REQUEST FOR QUOTATION](#)

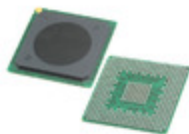
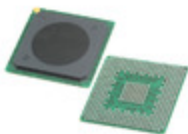
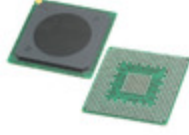
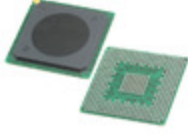
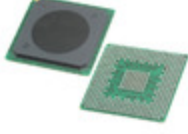
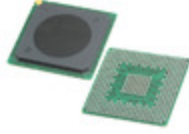
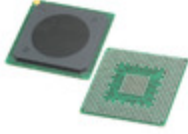
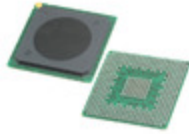
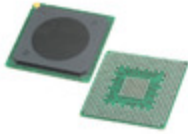
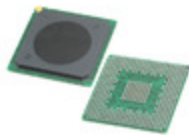
#### Specifications of MPC8323ECVRADDC

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8323ECVRADDC                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                          |
| DESCRIPTION                      | IC MPU MPC83XX 266MHZ 516BGA                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       |  <a href="#">MPC8323ECVRADDC.pdf</a> |
| 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, I <sup>2</sup> C, PCI, SPI, TDM, UART                                                                            |

#### Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MPC8323ECVRADDC | MPC8323ECVRADDC Distributor             | MPC8323ECVRADDC Supplier                           |
| MPC8323ECVRADDC Price                          | MPC8323ECVRADDC Pictures                | MPC8323ECVRADDC Image                              |
| MPC8323ECVRADDC PDF Datasheet                  | MPC8323ECVRADDC Download Datasheet      | MPC8323ECVRADDC Datasheet                          |
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| NXP Semiconductors / Freescale MPC8323ECVRADDC | NXP Semiconductors MPC8323ECVRADDC      | Freescale MPC8323ECVRADDC                          |
| Freescale Semiconductor - NXP MPC8323ECVRADDC  | NXP USA Inc. MPC8323ECVRADDC            |                                                    |

#### Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
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|  <div><b>MPC8323ECVRADDC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8323ECZQADDC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MPC8323CZQADDC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>MPC8323ECZQAFDC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MPC8323E-RDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: BOARD REFERENCE DESIGN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>          |  <div><b>MPC8323CZQAFDC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>MPC8323ECVRAFDC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8323ECVRAFDC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MPC8323EVRADDC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 516BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>MPC8323CVRAFDC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>MPC8323CVRAFDC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 516BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>MPC8323E-MDS-PB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: BOARD MODULE DEV SYSTEM 8323<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |