



NXP Semiconductors / Freescale

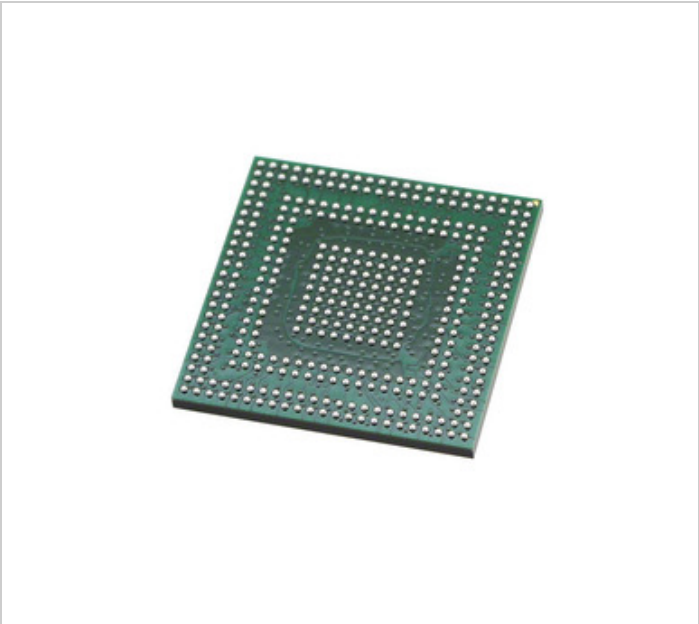


Image may be representation. See specifications for product details.

MPC8306SVMABDCA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8306SVMABDCA                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC83XX 133MHZ 369BGA                                                                                 |
|                     | <a href="#">1.MPC8306SVMABDCA.pdf</a>                                                                        |
|                     | <a href="#">2.MPC8306SVMABDCA.pdf</a>                                                                        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

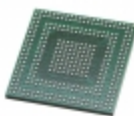
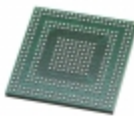
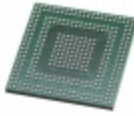
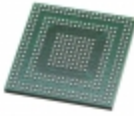
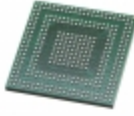
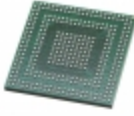
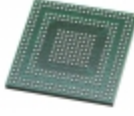
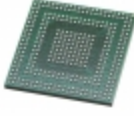
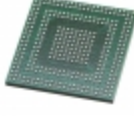
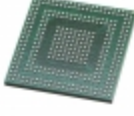
Specifications of MPC8306SVMABDCA

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8306SVMABDCA                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC83XX 133MHZ 369BGA                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| DATA SHEET                       | <a href="#">1.MPC8306SVMABDCA.pdf</a><br><a href="#">2.MPC8306SVMABDCA.pdf</a>  |
| VOLTAGE - I/O                    | 1.8V, 3.3V                                                                      |
| USB                              | USB 2.0 (1)                                                                     |
| SUPPLIER DEVICE PACKAGE          | 369-PBGA (19x19)                                                                |
| SPEED                            | 133MHz                                                                          |
| SERIES                           | MPC83xx                                                                         |
| SECURITY FEATURES                | -                                                                               |
| SATA                             | -                                                                               |
| RAM CONTROLLERS                  | DDR2                                                                            |
| PACKAGING                        | Tray                                                                            |
| PACKAGE / CASE                   | 369-LFBGA                                                                       |
| OTHER NAMES                      | 935324383557                                                                    |
| 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 e300c3 Microprocessor IC MPC83xx 1 Core, 32-Bit 133MHz 369-PBGA (19x19) |
| CORE PROCESSOR                   | PowerPC e300c3                                                                  |
| CO-PROCESSORS/DSP                | Communications; QUICC Engine                                                    |
| BASE PART NUMBER                 | MPC8306                                                                         |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, SPI, TDM                                               |

Related Tags

|                                                |                                         |                                                    |
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| Freescale Semiconductor - NXP MPC8306SVMABDCA  | NXP USA Inc. MPC8306SVMABDCA            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MPC8306SVMAFDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 369BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MPC8306CVMADDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 369BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MPC8306VMADDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 369BGA<br/>In stock: 139 pcs<br/><div>RFQ</div></div>     |  <div><b>MPC8306SVMACDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 200MHZ 369BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MPC8306VMACDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 200MHZ 369BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MPC8306SCVMABDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 133MHZ 369BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MPC8306SCVMADDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 369BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPC8306SCVMAFDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 369BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MPC8306SCVMACDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 200MHZ 369BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPC8306VMABDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 133MHZ 369BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>MPC8306SVMADDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 369BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MPC8306CVMAFDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 369BGA<br/>In stock: 265 pcs<br/><div>RFQ</div></div>    |