

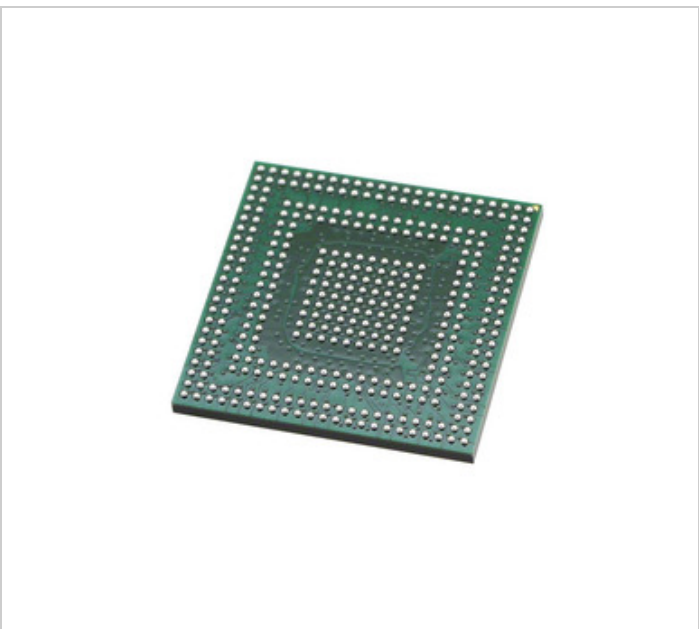


Image may be representation. See specifications for product details.

PPC8306SVMABDCA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PPC8306SVMABDCA                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC83XX 133MHZ 369BGA                                                                                 |
|                     |  1.PPC8306SVMABDCA.pdf      |
|                     |  2.PPC8306SVMABDCA.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

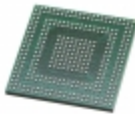
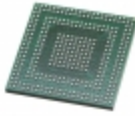
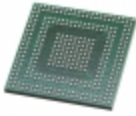
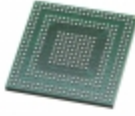
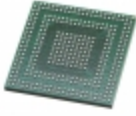
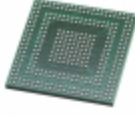
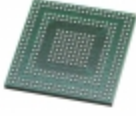
Specifications of PPC8306SVMABDCA

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PPC8306SVMABDCA                                                                                                                                                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                         |
| DESCRIPTION                      | IC MPU MPC83XX 133MHZ 369BGA                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.PPC8306SVMABDCA.pdf<br> 2.PPC8306SVMABDCA.pdf |
| 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                                                                                                                                                                                                              |
| 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                 | PC8306                                                                                                                                                                                                                 |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, SPI, TDM                                                                                                                                                                                      |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale PPC8306SVMABDCA | PPC8306SVMABDCA Distributor             | PPC8306SVMABDCA Supplier                           |
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| NXP Semiconductors / Freescale PPC8306SVMABDCA | NXP Semiconductors PPC8306SVMABDCA      | Freescale PPC8306SVMABDCA                          |
| Freescale Semiconductor - NXP PPC8306SVMABDCA  | NXP USA Inc. PPC8306SVMABDCA            |                                                    |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>PPC7 SL080</b><br/>Manufacturers: Alpha Wire<br/>Description: CABLE GLAND 3-6.5MM PG7 POLY<br/>In stock: Out stock</p> <p>RFQ</p>                           |  <p><b>PPC8306VMADDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 369BGA<br/>In stock: Out stock</p> <p>RFQ</p>   |
|  <p><b>PPC8306SVMADDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 369BGA<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>PPC8306CVMADDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 369BGA<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>PPC8309VMADDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 369BGA<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>PPC71DM48</b><br/>Manufacturers: Carlo Gavazzi<br/>Description: 3-PHASE MONITORING RELAY<br/>In stock: Out stock</p> <p>RFQ</p>                             |
|  <p><b>PPC8306CVMABDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 133MHZ 369BGA<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>PPC8309CVMADDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 369BGA<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>PPC8309CVMAFDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 333MHZ 369BGA<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>PPC8306VMABDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 133MHZ 369BGA<br/>In stock: Out stock</p> <p>RFQ</p>   |
|  <p><b>PPC8306SCVMABDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 133MHZ 369BGA<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>PPC8306SCVMADDCA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC83XX 266MHZ 369BGA<br/>In stock: Out stock</p> <p>RFQ</p> |