



NXP Semiconductors / Freescale

MPC875VR80

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC875VR80                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                   |
| Product description | IC MPU MPC8XX 80MHZ 256BGA                                                                                       |
| Datasheets:         |  <a href="#">MPC875VR80.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

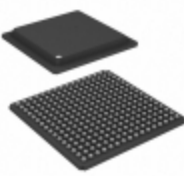
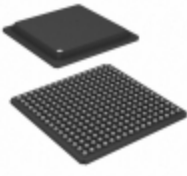
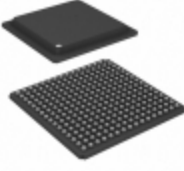
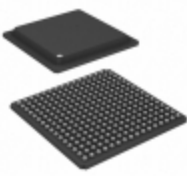
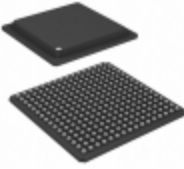
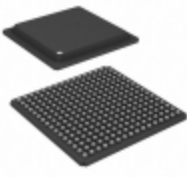
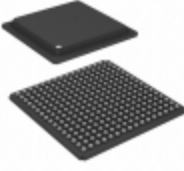
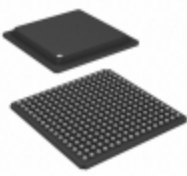
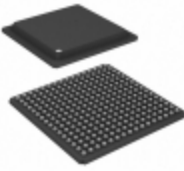
Specifications of MPC875VR80

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC875VR80                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                     |
| DESCRIPTION                      | IC MPU MPC8XX 80MHZ 256BGA                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| DATA SHEET                       |  <a href="#">MPC875VR80.pdf</a> |
| VOLTAGE - I/O                    | 3.3V                                                                                                               |
| USB                              | USB 2.0 (1)                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 256-PBGA (23x23)                                                                                                   |
| SPEED                            | 80MHz                                                                                                              |
| SERIES                           | MPC8xx                                                                                                             |
| SECURITY FEATURES                | Cryptography                                                                                                       |
| SATA                             | -                                                                                                                  |
| RAM CONTROLLERS                  | DRAM                                                                                                               |
| PACKAGING                        | Tray                                                                                                               |
| PACKAGE / CASE                   | 256-BBGA                                                                                                           |
| OTHER NAMES                      | 568-13489<br>935313641557<br>MPC875VR80-ND                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 95°C (TA)                                                                                                    |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                      |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| GRAPHICS ACCELERATION            | No                                                                                                                 |
| ETHERNET                         | 10 Mbps (1), 10/100 Mbps (2)                                                                                       |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                  |
| DETAILED DESCRIPTION             | MPC8xx Microprocessor IC MPC8xx 1 Core, 32-Bit 80MHz 256-PBGA (23x23)                                              |
| CORE PROCESSOR                   | MPC8xx                                                                                                             |
| CO-PROCESSORS/DSP                | Communications; CPM, Security; SEC                                                                                 |
| BASE PART NUMBER                 | MPC875                                                                                                             |
| ADDITIONAL INTERFACES            | HDLC/SDLC, I <sup>2</sup> C, IrDA, PCMCIA, SPI, TDM, UART/USART                                                    |

Related Tags

|                                           |                                         |                                               |
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| MPC875VR80 PDF Datasheet                  | MPC875VR80 Download Datasheet           | MPC875VR80 Datasheet                          |
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| Freescale Semiconductor - NXP MPC875VR80  | NXP USA Inc. MPC875VR80                 |                                               |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
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| <div></div> <div><b>MPC880CVR133</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 133MHZ 357BGA<br/>In stock: 51 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MPC875VR66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 66MHZ 256BGA<br/>In stock: 78 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>MPC880CVR66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 66MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MPC880CZP133</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 133MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MPC875CVR66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 66MHZ 256BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MPC875VR133</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 133MHZ 256BGA<br/>In stock: 325 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MPC875ZT66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 66MHZ 256BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>MPC875ZT133</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 133MHZ 256BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MPC875ZT80</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 80MHZ 256BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>MPC875CZT133</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 133MHZ 256BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MPC875CVR133</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 133MHZ 256BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MPC875CZT66</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 66MHZ 256BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |