

NXP Semiconductors / Freescale

MPC8544VTAQG

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8544VTAQG                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC85XX 1.0GHZ 783FCBGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6989 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

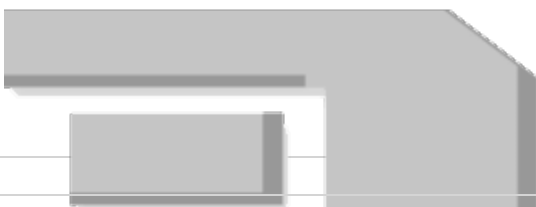
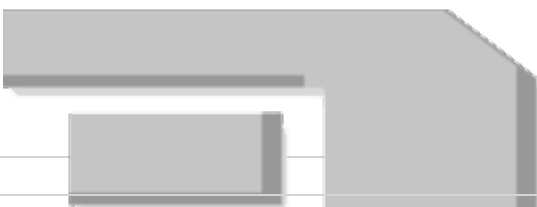
Specifications of MPC8544VTAQG

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8544VTAQG                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC85XX 1.0GHZ 783FCBGA                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| QUANTITY AVAILABLE               | 6989 pcs                                                                        |
| DATA SHEET                       |                                                                                 |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                |
| USB                              | -                                                                               |
| SUPPLIER DEVICE PACKAGE          | 783-FCPBGA (29x29)                                                              |
| SPEED                            | 1.0GHz                                                                          |
| SERIES                           | MPC85xx                                                                         |
| SECURITY FEATURES                | -                                                                               |
| SATA                             | -                                                                               |
| RAM CONTROLLERS                  | DDR, DDR2, SDRAM                                                                |
| PACKAGING                        | Tray                                                                            |
| PACKAGE / CASE                   | 783-BBGA, FCBGA                                                                 |
| 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                         | 10/100/1000 Mbps (2)                                                            |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                               |
| DETAILED DESCRIPTION             | PowerPC e500 Microprocessor IC MPC85xx 1 Core, 32-Bit 1.0GHz 783-FCPBGA (29x29) |
| CORE PROCESSOR                   | PowerPC e500                                                                    |
| CO-PROCESSORS/DSP                | Signal Processing; SPE                                                          |
| BASE PART NUMBER                 | MPC8544                                                                         |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, PCI                                                    |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MPC8544VTAQG               | MPC8544VTAQG Distributor        | MPC8544VTAQG Supplier  |
| MPC8544VTAQG Price         | MPC8544VTAQG Pictures           | MPC8544VTAQG Image     |
| MPC8544VTAQG PDF Datasheet | MPC8544VTAQG Download Datasheet | MPC8544VTAQG Datasheet |
| MPC8544VTAQG Stock         | Buy MPC8544VTAQG                | Buy MPC8544VTAQG       |
| MPC8544VTAQG               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                               |                                                                                      |                                                                                                                               |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8544VTARJ</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.067GHZ 783BGA<br>In stock: 739 pcs<br><b>RFQ</b>   |  | <b>MPC8545EHXANG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 641 pcs<br><b>RFQ</b>  |
|  | <b>MPC8545EHXAQG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 5443 pcs<br><b>RFQ</b> |  | <b>MPC8544VTANGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 4118 pcs<br><b>RFQ</b> |
|  | <b>MPC8544VTARJA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.067GHZ 783BGA<br>In stock: 5527 pcs<br><b>RFQ</b> |  | <b>MPC8544VJARJA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.067GHZ 783BGA<br>In stock: 694 pcs<br><b>RFQ</b>  |
|  | <b>MPC8544VTALFA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br>In stock: 6818 pcs<br><b>RFQ</b> |  | <b>MPC8544VTAQGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 4295 pcs<br><b>RFQ</b> |
|  | <b>MPC8544VTALF</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br>In stock: 4656 pcs<br><b>RFQ</b>  |  | <b>MPC8545EHXATG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA<br>In stock: 6464 pcs<br><b>RFQ</b> |
|  | <b>MPC8544VJAQGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 755 pcs<br><b>RFQ</b>  |  | <b>MPC8544VTANG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 713 pcs<br><b>RFQ</b>   |