

NXP Semiconductors / Freescale

MPC8543VUANG

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8543VUANG                                                                                                         |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC85XX 800MHZ 783FCBGA                                                                                       |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 5262 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MPC8543VUANG

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8543VUANG                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC85XX 800MHZ 783FCBGA                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                              |
| QUANTITY AVAILABLE               | 5262 pcs                                                                        |
| DATA SHEET                       |                                                                                 |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                |
| USB                              | -                                                                               |
| SUPPLIER DEVICE PACKAGE          | 783-FCPBGA (29x29)                                                              |
| SPEED                            | 800MHz                                                                          |
| 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   | Contains lead / RoHS non-compliant                                              |
| GRAPHICS ACCELERATION            | No                                                                              |
| ETHERNET                         | 10/100/1000 Mbps (4)                                                            |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                               |
| DETAILED DESCRIPTION             | PowerPC e500 Microprocessor IC MPC85xx 1 Core, 32-Bit 800MHz 783-FCPBGA (29x29) |
| CORE PROCESSOR                   | PowerPC e500                                                                    |
| CO-PROCESSORS/DSP                | Signal Processing; SPE                                                          |
| BASE PART NUMBER                 | MPC8543                                                                         |
| ADDITIONAL INTERFACES            | DUART, I²C, PCI, RapidIO                                                        |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MPC8543VUANG               | MPC8543VUANG Distributor        | MPC8543VUANG Supplier  |
| MPC8543VUANG Price         | MPC8543VUANG Pictures           | MPC8543VUANG Image     |
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Related Products

|                                                                                    |                                                                                                                                |                                                                                      |                                                                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8544AVTANGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 6730 pcs<br><b>RFQ</b> |  | <b>MPC8544AVTALFA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br>In stock: 5243 pcs<br><b>RFQ</b> |
|  | <b>MPC8543VJANGD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 842 pcs<br><b>RFQ</b>   |  | <b>MPC8543VTANGB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 5306 pcs<br><b>RFQ</b>  |
|  | <b>MPC8544AVTAQG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 5598 pcs<br><b>RFQ</b>  |  | <b>MPC8543PXAQGB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 3414 pcs<br><b>RFQ</b>  |
|  | <b>MPC8543VUAQG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 716 pcs<br><b>RFQ</b>    |  | <b>MPC8543VTANGD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 5071 pcs<br><b>RFQ</b>  |
|  | <b>MPC8544AVTALF</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br>In stock: 3203 pcs<br><b>RFQ</b>  |  | <b>MPC8544AVTANG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 5110 pcs<br><b>RFQ</b>  |
|  | <b>MPC8543VTAQGD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 6848 pcs<br><b>RFQ</b>  |  | <b>MPC8543VTAQGB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 4359 pcs<br><b>RFQ</b>  |