

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MPC8544EVTAQGA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8544EVTAQGA                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC85XX 1.0GHZ 783FCBGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3561 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

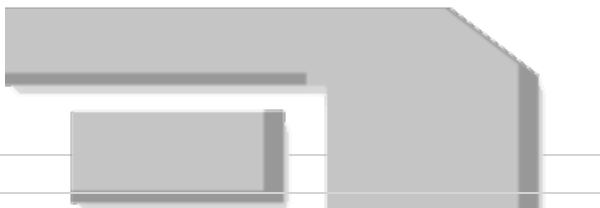
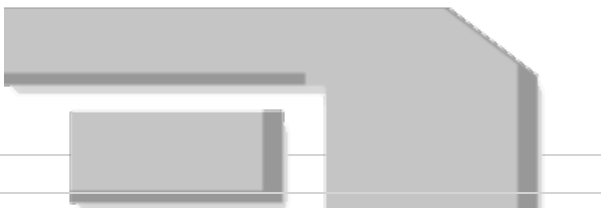
Specifications of MPC8544EVTAQGA

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8544EVTAQGA                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC85XX 1.0GHZ 783FCBGA                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| QUANTITY AVAILABLE               | 3561 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                | Cryptography, Random Number Generator                                           |
| SATA                             | -                                                                               |
| RAM CONTROLLERS                  | DDR, DDR2, SDRAM                                                                |
| PACKAGING                        | Tray                                                                            |
| PACKAGE / CASE                   | 783-BBGA, FCBGA                                                                 |
| OTHER NAMES                      | 935317349557                                                                    |
| 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, Security; SEC                                           |
| BASE PART NUMBER                 | MPC8544                                                                         |
| ADDITIONAL INTERFACES            | DUART, I²C, PCI                                                                 |

Related Tags

|                              |                                   |                          |
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| MPC8544EVTAQGA               | MPC8544EVTAQGA Distributor        | MPC8544EVTAQGA Supplier  |
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| MPC8544EVTAQGA               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                |                                                                                      |                                                                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8544VJARJA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.067GHZ 783BGA<br>In stock: 694 pcs<br><b>RFQ</b>   |  | <b>MPC8544EVJARJA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.067GHZ 783BGA<br>In stock: 597 pcs<br><b>RFQ</b>  |
|  | <b>MPC8544EVTALFA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br>In stock: 4480 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>MPC8544VJANGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 856 pcs<br><b>RFQ</b>   |  | <b>MPC8544EVTALF</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br>In stock: 4728 pcs<br><b>RFQ</b>  |
|  | <b>MPC8544EVTANG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 775 pcs<br><b>RFQ</b>   |  | <b>MPC8544EVTARJ</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.067GHZ 783BGA<br>In stock: 4326 pcs<br><b>RFQ</b>  |
|  | <b>MPC8544EVTANGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 3032 pcs<br><b>RFQ</b> |  | <b>MPC8544EVTARJA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.067GHZ 783BGA<br>In stock: 6134 pcs<br><b>RFQ</b> |
|  | <b>MPC8544VJALFA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br>In stock: 985 pcs<br><b>RFQ</b>   |  | <b>MPC8544EVTAQG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 6641 pcs<br><b>RFQ</b>  |

