

NXP Semiconductors / Freescale

MPC8535EAVTAKGA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8535EAVTAKGA                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC85XX 600MHZ 783FCBGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 2777 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MPC8535EAVTAKGA

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8535EAVTAKGA                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC85XX 600MHZ 783FCBGA                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| QUANTITY AVAILABLE               | 2777 pcs                                                                        |
| DATA SHEET                       |                                                                                 |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                |
| USB                              | USB 2.0 (2)                                                                     |
| SUPPLIER DEVICE PACKAGE          | 783-FCPBGA (29x29)                                                              |
| SPEED                            | 600MHz                                                                          |
| SERIES                           | MPC85xx                                                                         |
| SECURITY FEATURES                | Cryptography                                                                    |
| SATA                             | SATA 3Gbps (1)                                                                  |
| RAM CONTROLLERS                  | DDR2, DDR3                                                                      |
| PACKAGING                        | Tray                                                                            |
| PACKAGE / CASE                   | 783-BBGA, FCBGA                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 90°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 600MHz 783-FCPBGA (29x29) |
| CORE PROCESSOR                   | PowerPC e500                                                                    |
| CO-PROCESSORS/DSP                | Security; SEC                                                                   |
| BASE PART NUMBER                 | MPC8535                                                                         |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, MMC/SD, PCI, SPI                                       |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MPC8535EAVTAKGA               | MPC8535EAVTAKGA Distributor        | MPC8535EAVTAKGA Supplier  |
| MPC8535EAVTAKGA Price         | MPC8535EAVTAKGA Pictures           | MPC8535EAVTAKGA Image     |
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| MPC8535EAVTAKGA               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                  |                                                                                      |                                                                                                                                 |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8535CVTATHA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.25GHZ 783FCBGA<br>In stock: 4198 pcs<br><b>RFQ</b>  |  | <b>MPC8535CVTANGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 5669 pcs<br><b>RFQ</b>  |
|  | <b>MPC8535EAVTATH</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.25GHZ 783FCBGA<br>In stock: 5640 pcs<br><b>RFQ</b>  |  | <b>MPC8535EAVTAQG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 4559 pcs<br><b>RFQ</b>  |
|  | <b>MPC8535EAVTANGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 4285 pcs<br><b>RFQ</b>  |  | <b>MPC8535CVTAKGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 600MHZ 783FCBGA<br>In stock: 4500 pcs<br><b>RFQ</b>  |
|  | <b>MPC8535CVTANG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 4030 pcs<br><b>RFQ</b>    |  | <b>MPC8535EAVTANG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 4517 pcs<br><b>RFQ</b>  |
|  | <b>MPC8535EAVTAKG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 600MHZ 783FCBGA<br>In stock: 4807 pcs<br><b>RFQ</b>   |  | <b>MPC8535CVTAQGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 4901 pcs<br><b>RFQ</b>  |
|  | <b>MPC8535EAVTATHA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.25GHZ 783FCBGA<br>In stock: 5942 pcs<br><b>RFQ</b> |  | <b>MPC8535EAVTAQGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 6207 pcs<br><b>RFQ</b> |