

MPC8540PXAQFC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8540PXAQFC                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC85XX 1.0GHZ 783FCBGA                                                                               |
|                     | <a href="#">PDF</a> 1.MPC8540PXAQFC.pdf                                                                      |
|                     | <a href="#">PDF</a> 2.MPC8540PXAQFC.pdf                                                                      |
|                     | <a href="#">PDF</a> 3.MPC8540PXAQFC.pdf                                                                      |
|                     | <a href="#">PDF</a> 4.MPC8540PXAQFC.pdf                                                                      |
| Datasheets:         |                                                                                                              |
| 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.

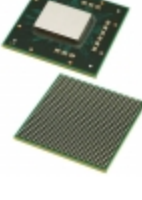
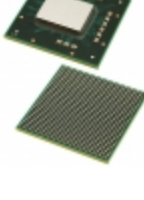
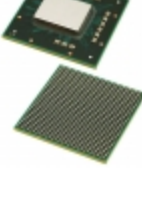
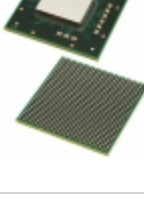
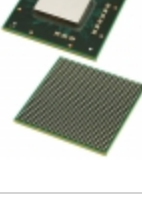
Specifications of MPC8540PXAQFC

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8540PXAQFC                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                 |
| DESCRIPTION                      | IC MPU MPC85XX 1.0GHZ 783FCBGA                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                     |
| DATA SHEET                       | <a href="#">PDF</a> 1.MPC8540PXAQFC.pdf                                        |
|                                  | <a href="#">PDF</a> 2.MPC8540PXAQFC.pdf                                        |
|                                  | <a href="#">PDF</a> 3.MPC8540PXAQFC.pdf                                        |
|                                  | <a href="#">PDF</a> 4.MPC8540PXAQFC.pdf                                        |
| VOLTAGE - I/O                    | 2.5V, 3.3V                                                                     |
| USB                              | -                                                                              |
| SUPPLIER DEVICE PACKAGE          | 783-FCBGA (29x29)                                                              |
| SPEED                            | 1.0GHz                                                                         |
| SERIES                           | MPC85xx                                                                        |
| SECURITY FEATURES                | -                                                                              |
| SATA                             | -                                                                              |
| RAM CONTROLLERS                  | DDR, SDRAM                                                                     |
| PACKAGING                        | Tray                                                                           |
| PACKAGE / CASE                   | 784-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 Mbps (1), 10/100/1000 Mbps (2)                                          |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                              |
| DETAILED DESCRIPTION             | PowerPC e500 Microprocessor IC MPC85xx 1 Core, 32-Bit 1.0GHz 783-FCBGA (29x29) |
| CORE PROCESSOR                   | PowerPC e500                                                                   |
| CO-PROCESSORS/DSP                | -                                                                              |
| BASE PART NUMBER                 | MPC8540                                                                        |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, PCI, RapidIO                                          |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| NXP Semiconductors / Freescale MPC8540PXAQFC | MPC8540PXAQFC Distributor               | MPC8540PXAQFC Supplier                           |
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| Freescale Semiconductor - NXP MPC8540PXAQFC  | NXP USA Inc. MPC8540PXAQFC              |                                                  |

Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MPC8540VT667LC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8540VT533JB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 533MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MPC8540PX833LB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 833MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8540PX833LC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 833MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MPC8540VT833LB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 833MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8540PX667LB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MPC8540PX667LC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8540VT833LC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 833MHZ 783FCBGA<br/>In stock: 14 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>MPC8540PX533JB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 533MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8540PXAQFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>MPC8540VT667LB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MPC8540VTAQFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |