

NXP Semiconductors / Freescale

MPC8548EPXAQGB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8548EPXAQGB                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC85XX 1.0GHZ 783FCBGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3404 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

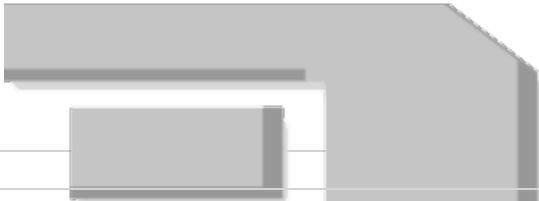
Specifications of MPC8548EPXAQGB

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8548EPXAQGB                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC85XX 1.0GHZ 783FCBGA                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| QUANTITY AVAILABLE               | 3404 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                                                                 |
| 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 (4)                                                            |
| 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                 | MPC8548                                                                         |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, PCI, RapidIO                                           |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MPC8548EPXAQGB               | MPC8548EPXAQGB Distributor        | MPC8548EPXAQGB Supplier  |
| MPC8548EPXAQGB Price         | MPC8548EPXAQGB Pictures           | MPC8548EPXAQGB Image     |
| MPC8548EPXAQGB PDF Datasheet | MPC8548EPXAQGB Download Datasheet | MPC8548EPXAQGB Datasheet |
| MPC8548EPXAQGB Stock         | Buy MPC8548EPXAQGB                | Buy MPC8548EPXAQGB       |
| MPC8548EPXAQGB               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                 |                                                                                      |                                                                                                                                 |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8548EPXAUJC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br>In stock: 5690 pcs<br><b>RFQ</b>  |  | <b>MPC8548EHXAQGB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 4256 pcs<br><b>RFQ</b>  |
|  | <b>MPC8548EPXATGB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA<br>In stock: 4994 pcs<br><b>RFQ</b>  |  | <b>MPC8548ECVTAUJD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br>In stock: 4979 pcs<br><b>RFQ</b> |
|  | <b>MPC8548ECVTAUJC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br>In stock: 4714 pcs<br><b>RFQ</b> |  | <b>MPC8548EPXAUJD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br>In stock: 2740 pcs<br><b>RFQ</b>  |
|  | <b>MPC8548EHXATG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA<br>In stock: 512 pcs<br><b>RFQ</b>    |  | <b>MPC8548EPXAUJB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br>In stock: 3363 pcs<br><b>RFQ</b>  |
|  | <b>MPC8548ECVUAQG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 530 pcs<br><b>RFQ</b>   |  | <b>MPC8548EPXAVHB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.5GHZ 783FCBGA<br>In stock: 2896 pcs<br><b>RFQ</b>  |
|  | <b>MPC8548EHXAUJ</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br>In stock: 4688 pcs<br><b>RFQ</b>   |  | <b>MPC8548EPXAQGD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 3181 pcs<br><b>RFQ</b>  |

