

NXP Semiconductors / Freescale

MPC8545EHXANG

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8545EHXANG                                                                                                        |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC85XX 800MHZ 783FCBGA                                                                                       |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 641 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

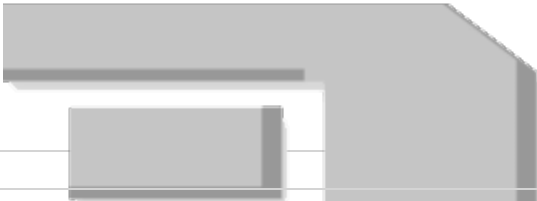
Specifications of MPC8545EHXANG

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8545EHXANG                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC85XX 800MHZ 783FCBGA                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                              |
| QUANTITY AVAILABLE               | 641 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                | 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) | 1 (Unlimited)                                                                   |
| 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, Security; SEC                                           |
| BASE PART NUMBER                 | MPC8545                                                                         |
| ADDITIONAL INTERFACES            | DUART, I²C, PCI, RapidIO                                                        |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MPC8545EHXANG               | MPC8545EHXANG Distributor        | MPC8545EHXANG Supplier  |
| MPC8545EHXANG Price         | MPC8545EHXANG Pictures           | MPC8545EHXANG Image     |
| MPC8545EHXANG PDF Datasheet | MPC8545EHXANG Download Datasheet | MPC8545EHXANG Datasheet |
| MPC8545EHXANG Stock         | Buy MPC8545EHXANG                | Buy MPC8545EHXANG       |
| MPC8545EHXANG               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                         |                                                                                      |                                                                                                                         |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8545EPXAQGB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 6185 pcs<br>RFQ |  | <b>MPC8545EPXATGB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.2GHZ 689TEBGA<br>In stock: 5457 pcs<br>RFQ |
|  | <b>MPC8544VTAQGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 4295 pcs<br>RFQ  |  | <b>MPC8545EHXATG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA<br>In stock: 6464 pcs<br>RFQ  |
|  | <b>MPC8544VTAQGG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 6989 pcs<br>RFQ  |  | <b>MPC8544VTANGA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 4118 pcs<br>RFQ  |
|  | <b>MPC8544VTARJ</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.067GHZ 783BGA<br>In stock: 739 pcs<br>RFQ    |  | <b>MPC8544VTANG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 713 pcs<br>RFQ    |
|  | <b>MPC8545EHXAQGG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 5443 pcs<br>RFQ |  | <b>MPC8544VTARJA</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.067GHZ 783BGA<br>In stock: 5527 pcs<br>RFQ  |
|  | <b>MPC8545EPXANGB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 5462 pcs<br>RFQ |  | <b>MPC8545EPXANGD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 4495 pcs<br>RFQ |