

NXP Semiconductors / Freescale

KMPC8545EVUAQG

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | KMPC8545EVUAQG                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC85XX 1.0GHZ 783FCBGA                                                                                       |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 695 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of KMPC8545EVUAQG

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | KMPC8545EVUAQG                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MPU MPC85XX 1.0GHZ 783FCBGA                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                              |
| QUANTITY AVAILABLE               | 695 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) | 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 1.0GHz 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

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| KMPC8545EVUAQG               | KMPC8545EVUAQG Distributor        | KMPC8545EVUAQG Supplier  |
| KMPC8545EVUAQG Price         | KMPC8545EVUAQG Pictures           | KMPC8545EVUAQG Image     |
| KMPC8545EVUAQG PDF Datasheet | KMPC8545EVUAQG Download Datasheet | KMPC8545EVUAQG Datasheet |
| KMPC8545EVUAQG Stock         | Buy KMPC8545EVUAQG                | Buy KMPC8545EVUAQG       |
| KMPC8545EVUAQG               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                               |                                                                                      |                                                                                                                               |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|  | <b>KMPC8545EVUANJ</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 721 pcs<br><b>RFQ</b> |  | <b>KMPC8545VUANG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 673 pcs<br><b>RFQ</b>  |
|  | <b>KMPC8545EVUANG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 698 pcs<br><b>RFQ</b> |  | <b>KMPC8545VUAQG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 574 pcs<br><b>RFQ</b>  |
|  | <b>KMPC8545HXAQG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 632 pcs<br><b>RFQ</b>  |  | <b>KMPC8544EVTAG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 4711 pcs<br><b>RFQ</b> |
|  | <b>KMPC8545EHXATG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.2MHZ 783FCBGA<br>In stock: 569 pcs<br><b>RFQ</b> |  | <b>KMPC8545SHXATG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.2MHZ 783FCBGA<br>In stock: 610 pcs<br><b>RFQ</b> |
|  | <b>KMPC8545EHXAQG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br>In stock: 680 pcs<br><b>RFQ</b> |  | <b>KMPC8545EVUATG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.2MHZ 783FCBGA<br>In stock: 633 pcs<br><b>RFQ</b> |
|  | <b>KMPC8545EHXANG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 739 pcs<br><b>RFQ</b> |  | <b>KMPC8545SHXANG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br>In stock: 676 pcs<br><b>RFQ</b> |