



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

KMPC8545VUATG

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | KMPC8545VUATG                                                                                                        |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC85XX 1.2MHZ 783FCBGA                                                                                       |
|                     | <a href="#">PDF</a> 1.KMPC8545VUATG.pdf                                                                              |
|                     | <a href="#">PDF</a> 2.KMPC8545VUATG.pdf                                                                              |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

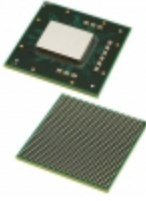
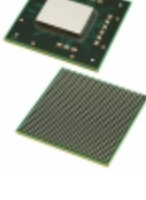
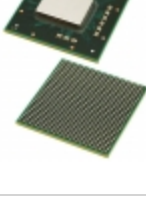
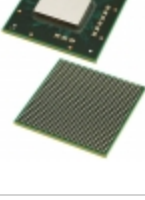
Specifications of KMPC8545VUATG

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | KMPC8545VUATG                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | IC MPU MPC85XX 1.2MHZ 783FCBGA                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                 |
| DATA SHEET                       | <a href="#">PDF</a> 1.KMPC8545VUATG.pdf<br><a href="#">PDF</a> 2.KMPC8545VUATG.pdf |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                   |
| USB                              | -                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 783-FCBGA (29x29)                                                                  |
| SPEED                            | 1.2GHz                                                                             |
| SERIES                           | MPC85xx                                                                            |
| SECURITY FEATURES                | -                                                                                  |
| 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 1.2GHz 783-FCBGA (29x29)     |
| CORE PROCESSOR                   | PowerPC e500                                                                       |
| CO-PROCESSORS/DSP                | Signal Processing; SPE                                                             |
| BASE PART NUMBER                 | MPC8545                                                                            |
| ADDITIONAL INTERFACES            | DUART, I <sup>2</sup> C, PCI, RapidIO                                              |

Related Tags

|                                              |                                         |                                                  |
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| NXP Semiconductors / Freescale KMPC8545VUATG | KMPC8545VUATG Distributor               | KMPC8545VUATG Supplier                           |
| KMPC8545VUATG Price                          | KMPC8545VUATG Pictures                  | KMPC8545VUATG Image                              |
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Related Products

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
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|  <div><b>KMPC8547EHXAQG</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>KMPC8547EVUAUJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>KMPC8545HXAQG</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>KMPC8545HXATG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.2MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
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|  <div><b>KMPC8545VUANG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 800MHZ 783FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |  <div><b>KMPC8545VUAQG</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>  |
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