

KMPC8547HXAUJ



Part Number: [KMPC8547HXAUJ](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC85XX 1.333GHZ 783BGA

Data sheet:  [MPC8548E DataSheet](#)

RoHs Status: Contains lead / RoHS non-compliant

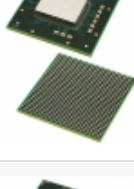
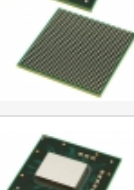
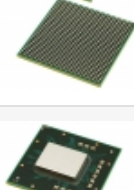
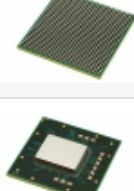
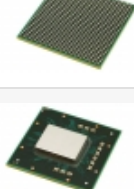
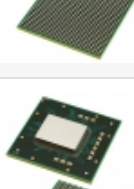
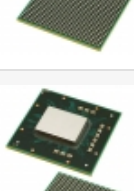
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                   |                                  |                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | KMPC8547HXAUJ                                                                     | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MPU MPC85XX 1.333GHZ 783BGA                                                    | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 532 pcs                                                                           | Data sheet                       | <a href="#">MPC8548E DataSheet</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                         | Voltage - I/O                    | 1.8V, 2.5V, 3.3V                               |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                                 | Supplier Device Package          | 783-FCPBGA (29x29)                             |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.333GHz                                                                          | 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 1.333GHz 783-FCPBGA (29x29) | Core Processor                   | PowerPC e500                                   |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                      | Signal Processing; SPE                                                            | Base Part Number                 | MPC8547                                        |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                  | DUART, I <sup>2</sup> C, PCI, RapidIO                                             |                                  |                                                |
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|  | Part#: <a href="#">KMPC8547VUATG</a><br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMPC8547EHXAQG</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
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