

KMPC8548HXAQG



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See Product Specifications for product details.  
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**Part Number:** [KMPC8548HXAQG](#)

**Manufacturer:** [NXP Semiconductors / Freescale](#)

**Description:** IC MPU MPC85XX 1.0GHZ 783FCBGA

**Data sheet:**  [MPIC Double Interrupt Errata](#)  
 [MPC8548E DataSheet](#)

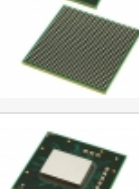
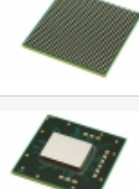
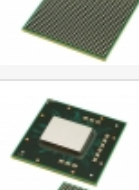
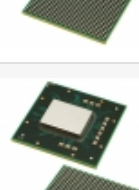
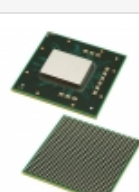
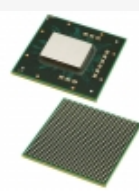
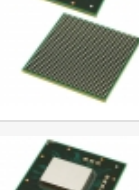
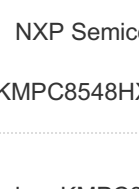
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                 |                                  |                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | KMPC8548HXAQG                                                                   | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MPU MPC85XX 1.0GHZ 783FCBGA                                                  | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 592 pcs                                                                         | Data sheet                       | <a href="#">MPIC Double Interrupt Errata</a><br><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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1.0GHz                                                                          | 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 1.0GHz 783-FCPBGA (29x29) | Core Processor                   | PowerPC e500                                                                       |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Signal Processing; SPE                                                          | Base Part Number                 | MPC8548                                                                            |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DUART, I²C, PCI, RapidIO                                                        |                                  |                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 592 pieces of NXP Semiconductors / Freescale KMPC8548HXAQG in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                 |                                  |                                                                                    |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                               |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">KMPC8555EPXAPF</a><br>Description: IC MPU MPC85XX 833MHZ 783FCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMPC8548EHXAQG</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMPC8547VUAUJ</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMPC8555EPXALF</a><br>Description: IC MPU MPC85XX 667MHZ 783FCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMPC8548VUATG</a><br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMPC8548HXAUJ</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMPC8555EVTAPF</a><br>Description: IC MPU MPC85XX 833MHZ 783FCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMPC8547VUAQG</a><br>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">KMPC8548VUAUJ</a><br>Description: IC MPU MPC85XX 1.333GHZ 783BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
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