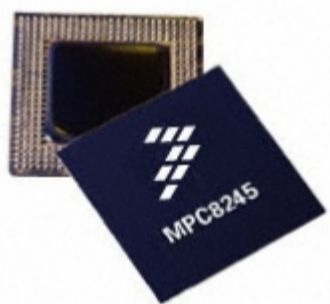


KMPC8245LZU300D



Part Number: [KMPC8245LZU300D](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC82XX 300MHZ 352TBGA

Data sheet:  [MPC8245](#)

RoHs Status: Contains lead / RoHS non-compliant

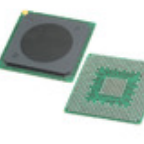
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                               |                                  |                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | KMPC8245LZU300D                                                               | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MPU MPC82XX 300MHZ 352TBGA                                                 | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5533 pcs                                                                      | Data sheet                       | <a href="#">MPC8245</a>                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage - I/O                    | 3.3V                                           |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                             | Supplier Device Package          | 352-TBGA (35x35)                               |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 300MHz                                                                        | Series                           | MPC82xx                                        |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                             | SATA                             | -                                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SDRAM                                                                         | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 352-LBGA                                                                      | Operating Temperature            | 0°C ~ 105°C (TA)                               |
| Number of Cores/Bus Width                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 Core, 32-Bit                                                                | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Contains lead / RoHS non-compliant                                            | Graphics Acceleration            | No                                             |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                             | Display & Interface Controllers  | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PowerPC 603e Microprocessor IC MPC82xx 1 Core, 32-Bit 300MHz 352-TBGA (35x35) | Core Processor                   | PowerPC 603e                                   |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                             | Base Part Number                 | MPC8245                                        |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | I <sup>2</sup> C, I <sup>2</sup> O, PCI, UART                                 |                                  |                                                |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                               |     |
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|  | Part#: <a href="#">KMPC8247VRTIEA</a><br>Description: IC MPU MPC82XX 400MHZ 516BGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8245LVV350D</a><br>Description: IC MPU MPC82XX 350MHZ 352TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8245LZU333D</a><br>Description: IC MPU MPC82XX 333MHZ 352TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8245LVV266D</a><br>Description: IC MPU MPC82XX 266MHZ 352TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8245ARZU400D</a><br>Description: IC MPU MPC82XX 400MHZ 352TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8245LVV300D</a><br>Description: IC MPU MPC82XX 300MHZ 352TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8245TVV333D</a><br>Description: IC MPU MPC82XX 333MHZ 352TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8241TZQ200D</a><br>Description: IC MPU MPC82XX 200MHZ 357BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8241TZQ166D</a><br>Description: IC MPU MPC82XX 166MHZ 357BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8245TZU333D</a><br>Description: IC MPU MPC82XX 333MHZ 352TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8245TZU350D</a><br>Description: IC MPU MPC82XX 350MHZ 352TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8245LZU266D</a><br>Description: IC MPU MPC82XX 266MHZ 352TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8245ARVV400D</a><br>Description: IC MPU MPC82XX 400MHZ 352TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8245LVV333D</a><br>Description: IC MPU MPC82XX 333MHZ 352TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8247CZQTIEA</a><br>Description: IC MPU MPC82XX 400MHZ 516BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8241TVR200D</a><br>Description: IC MPU MPC82XX 200MHZ 357BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8247CVRTIEA</a><br>Description: IC MPU MPC82XX 400MHZ 516BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8245LZU350D</a><br>Description: IC MPU MPC82XX 350MHZ 352TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|  | Part#: <a href="#">KMPC8247VRTMFA</a><br>Description: IC MPU MPC82XX 400MHZ 516BGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |

| Related keywords for KMPC8245LZU300D              |                                                   |                                                                                        |                                                           |
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