

MPC8349ZUAGD



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See Product Specifications for product details.  
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**Part Number:** [MPC8349ZUAGD](#)

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

**Description:** IC MPU MPC83XX 400MHZ 672TBGA

**Data sheet:**  [MPC8349EA](#)

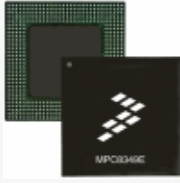
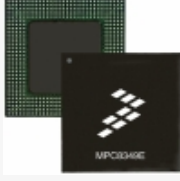
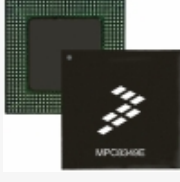
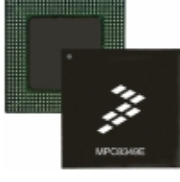
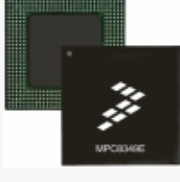
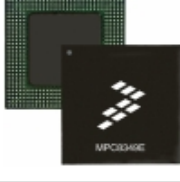
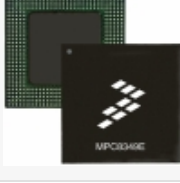
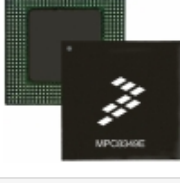
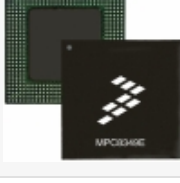
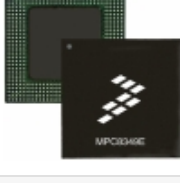
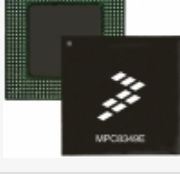
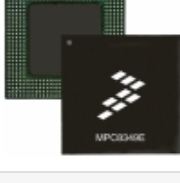
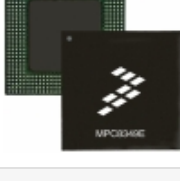
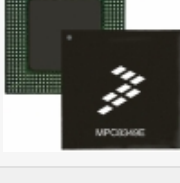
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                               |                                  |                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MPC8349ZUAGD                                                                  | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MPU MPC83XX 400MHZ 672TBGA                                                 | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4580 pcs                                                                      | Data sheet                       | <a href="#">MPC8349EA</a>                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage - I/O                    | 1.8V, 2.5V, 3.3V                               |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | USB 2.0 + PHY (2)                                                             | Supplier Device Package          | 672-TBGA (35x35)                               |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 400MHz                                                                        | Series                           | MPC83xx                                        |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                             | SATA                             | -                                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | DDR, DDR2                                                                     | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 672-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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10/100/1000 Mbps (2)                                                          | Display & Interface Controllers  | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PowerPC e300 Microprocessor IC MPC83xx 1 Core, 32-Bit 400MHz 672-TBGA (35x35) | Core Processor                   | PowerPC e300                                   |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                                                             | Base Part Number                 | MPC8349                                        |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DUART, I <sup>2</sup> C, PCI, SPI                                             |                                  |                                                |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                               |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MPC8349VVAJD</a><br>Description: IC MPU MPC83XX 533MHZ 672TBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8358CVRAGDGA</a><br>Description: IC MPU MPC83XX 400MHZ 668BGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8349VVALFB</a><br>Description: IC MPU MPC83XX 667MHZ 672TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8349ZUAJF</a><br>Description: IC MPU MPC83XX 533MHZ 672TBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8358CVRADDDA</a><br>Description: IC MPU MPC83XX 266MHZ 668BGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8349EZUAJDB</a><br>Description: IC MPU MPC83XX 533MHZ 672TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8358CVRAGDDA</a><br>Description: IC MPU MPC83XX 400MHZ 668BGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8349VVAJFB</a><br>Description: IC MPU MPC83XX 533MHZ 672TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8349VVAJF</a><br>Description: IC MPU MPC83XX 533MHZ 672TBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8349ZUALFB</a><br>Description: IC MPU MPC83XX 667MHZ 672TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MPC8349ZUAJDB</a><br>Description: IC MPU MPC83XX 533MHZ 672TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8349ZUAJD</a><br>Description: IC MPU MPC83XX 533MHZ 672TBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8349VVAGDB</a><br>Description: IC MPU MPC83XX 400MHZ 672TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8349EZUALFB</a><br>Description: IC MPU MPC83XX 667MHZ 672TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8349ZUAGDB</a><br>Description: IC MPU MPC83XX 400MHZ 672TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MPC8358CVVADDE</a><br>Description: IC MPU MPC83XX 266MHZ 740TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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