

MPC8347CVVAGDB



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**Part Number:** [MPC8347CVVAGDB](#)

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

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

**Data sheet:**  [MPC8347\(E\) Ref Manual](#)

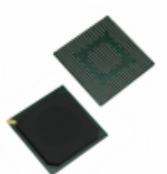
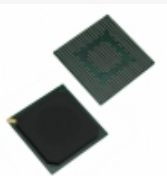
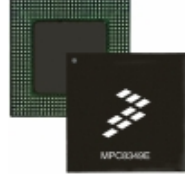
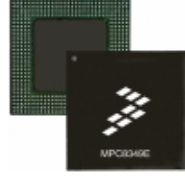
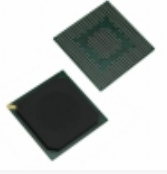
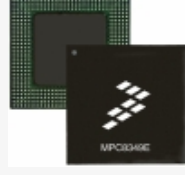
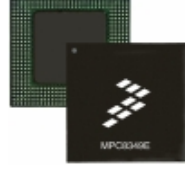
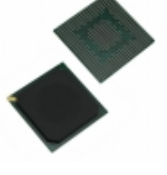
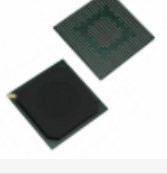
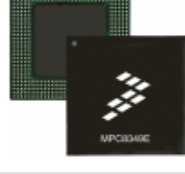
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                               |                                 |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MPC8347CVVAGDB                                                                | Manufacturer                    | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MPU MPC83XX 400MHZ 672TBGA                                                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1624 pcs                                                                      | Data sheet                      | <a href="#">MPC8347(E) Ref Manual</a>          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage - I/O                   | 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                                                                           | Packaging                       | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 672-LBGA                                                                      | Other Names                     | 935322718557                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 105°C (TA)                                                            | Number of Cores/Bus Width       | 1 Core, 32-Bit                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                                                                 | Manufacturer Standard Lead Time | 12 Weeks                                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS 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                | MPC8347                                        |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DUART, I <sup>2</sup> C, PCI, SPI                                             |                                 |                                                |
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