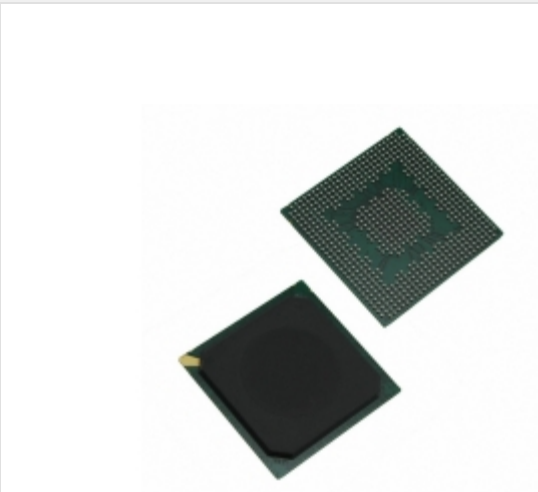


MPC8343EVRAGDB



Part Number: [MPC8343EVRAGDB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC83XX 400MHZ 620BGA

Data sheet:  [MPC8343\(E\) Ref Manual](#)

RoHs Status: Lead free / RoHS Compliant

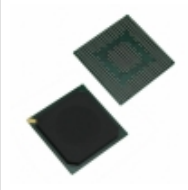
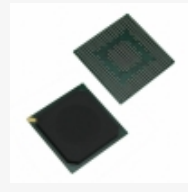
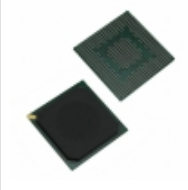
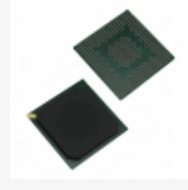
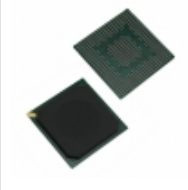
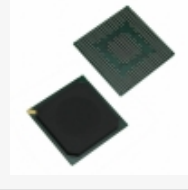
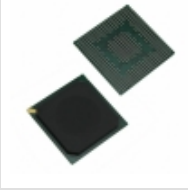
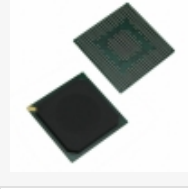
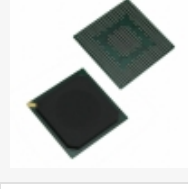
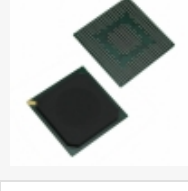
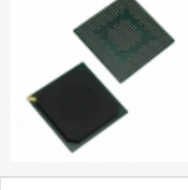
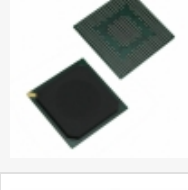
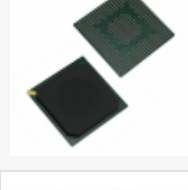
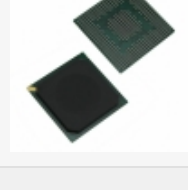
Ship From: Hong Kong

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

Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MPC8343EVRAGDB                            | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MPU MPC83XX 400MHZ 620BGA              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1486 pcs                                  | Data sheet                     | <a href="#">MPC8343(E) Ref Manual</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        | 620-PBGA (29x29)                                                              |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 400MHz                                    | Series                         | MPC83xx                                                                       |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cryptography, Random Number Generator     | SATA                           | -                                                                             |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | DDR, DDR2                                 | Packaging                      | Tray                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 620-BBGA Exposed Pad                      | Other Names                    | 935325275557                                                                  |
| 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 | Lead free / RoHS Compliant                                                    |
| Graphics Acceleration                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No                                        | Ethernet                       | 10/100/1000 Mbps (3)                                                          |
| Display & Interface Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Detailed Description           | PowerPC e300 Microprocessor IC MPC83xx 1 Core, 32-Bit 400MHz 620-PBGA (29x29) |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PowerPC e300                              | Co-Processors/DSP              | Security; SEC                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MPC8343                                   | Additional Interfaces          | DUART, I²C, PCI, SPI                                                          |
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|  | Part#: <a href="#">MPC8343ECVRADDB</a><br>Description: IC MPU MPC83XX 266MHZ 620BGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8343EZQADD</a><br>Description: IC MPU MPC83XX 266MHZ 620BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8343EZQAGDB</a><br>Description: IC MPU MPC83XX 400MHZ 620BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8343EVRADDB</a><br>Description: IC MPU MPC83XX 266MHZ 620BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8343VRADD</a><br>Description: IC MPU MPC83XX 266MHZ 620BGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MPC8343ZQADD</a><br>Description: IC MPU MPC83XX 266MHZ 620BGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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