

MPC8360E

EVVADDH



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NXP

Part Number:

MPC8360E

Manufacturer

NXP Semiconductors / Freescale

Description

IC MPU MPC83XX 266MHZ 740TBGA

Data sheet:

 [MPC8360E/MPC8358E](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

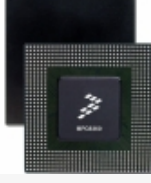
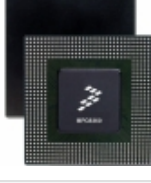
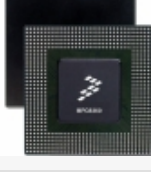
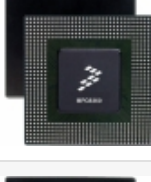
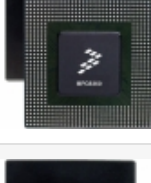
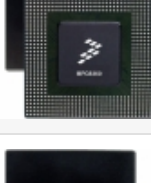
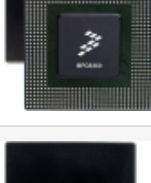
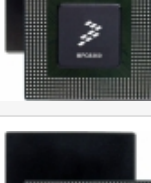
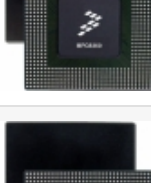
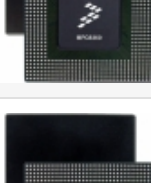
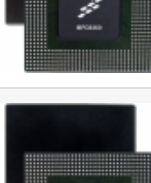
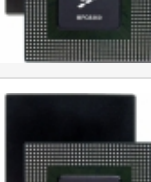
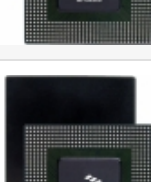
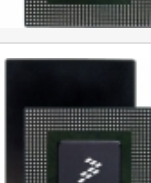
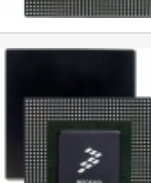
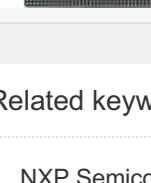
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Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   |                                  |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MPC8360E                                                                          | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC MPU MPC83XX 266MHZ 740TBGA                                                     | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4119 pcs                                                                          | Data sheet                       | <a href="#">MPC8360E/MPC8358E</a>              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                                         | Voltage - I/O                    | 1.8V, 2.5V, 3.3V                               |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | USB 1.x (1)                                                                       | Supplier Device Package          | 740-TBGA (37.5x37.5)                           |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 266MHz                                                                            | Series                           | MPC83xx                                        |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Cryptography, Random Number Generator                                             | SATA                             | -                                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DDR, DDR2                                                                         | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 740-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                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                                                        | Graphics Acceleration            | No                                             |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10/100/1000 Mbps (1)                                                              | Display & Interface Controllers  | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PowerPC e300 Microprocessor IC MPC83xx 1 Core, 32-Bit 266MHz 740-TBGA (37.5x37.5) | Core Processor                   | PowerPC e300                                   |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Communications; QUICC Engine, Security; SEC                                       | Base Part Number                 | MPC8360                                        |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DUART, HDLC, I²C, PCI, SPI, UART                                                  |                                  |                                                |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                               |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">MPC8360EVVALFH</a><br>Description: IC MPU MPC83XX 667MHZ 740TBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8360EVVAJDG</a><br>Description: IC MPU MPC83XX 533MHZ 740TBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8360ECZUAJDGA</a><br>Description: IC MPU MPC83XX 533MHZ 740TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8360ECZUAGDGA</a><br>Description: IC MPU MPC83XX 400MHZ 740TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MPC8360ECZUAJDGA</a><br>Description: IC MPU MPC83XX 533MHZ 740TBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MPC8360ECZUADDH</a><br>Description: IC MPU MPC83XX 266MHZ 740TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MPC8360EVVAGDGA</a><br>Description: IC MPU MPC83XX 400MHZ 740TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MPC8360EVVALFHA</a><br>Description: IC MPU MPC83XX 667MHZ 740TBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|                                |                                |                               |                       |
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|                                |                                | MPC8360E                      |                       |