

MC8640TVJ1250HE



Part Number: [MC8640TVJ1250HE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU E600 SGL CORE 994FCCBGA

Data sheet:

RoHs Status: Lead free / RoHS Compliant

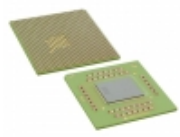
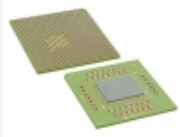
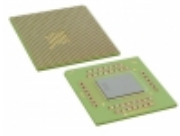
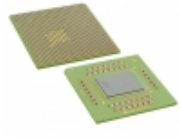
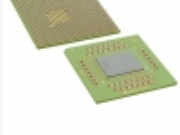
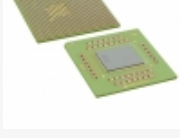
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | MC8640TVJ1250HE                           | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MPU E600 SGL CORE 994FCCBGA            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 135 pcs                                   | Data sheet                     |                                                                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - I/O                  | 1.8V, 2.5V, 3.3V                                                                 |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Supplier Device Package        | 994-FCCBGA (33x33)                                                               |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.25GHz                                   | Series                         | MPC86xx                                                                          |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | SATA                           | -                                                                                |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                          | DDR, DDR2                                 | Packaging                      | Tray                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 994-BCBGA, FCCBGA                         | Other Names                    | 935323517557                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                    | -40°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 (4)                                                             |
| Display & Interface Controllers                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Detailed Description           | PowerPC e600 Microprocessor IC MPC86xx 1 Core, 32-Bit 1.25GHz 994-FCCBGA (33x33) |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                           | PowerPC e600                              | Co-Processors/DSP              | -                                                                                |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                    | DUART, HSSI, I <sup>2</sup> C, RapidIO    |                                |                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                               |                |
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|  | Part#: <a href="#">MC8640THX1000HC</a><br>Description: IC MPU MPC86XX 1.0GHZ 994FCCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC8640HX1250HE</a><br>Description: IC MPU MPC86XX 1.25GHZ 994FCCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC8640VU1000HC</a><br>Description: IC MPU MPC86XX 1.0GHZ 994FCCBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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