



NXP Semiconductors / Freescale

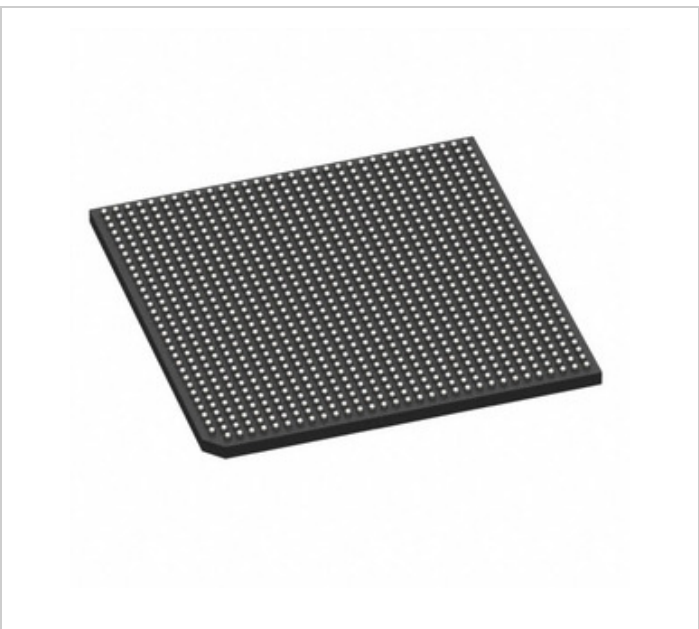


Image may be representation. See specifications for product details.

MC8641DTVU1000GE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC8641DTVU1000GE                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC86XX 1.0GHZ 1023FCCBGA                                                                             |
|                     | <a href="#">1.MC8641DTVU1000GE.pdf</a>                                                                       |
|                     | <a href="#">2.MC8641DTVU1000GE.pdf</a>                                                                       |
| Datasheets:         |                                                                                                              |
|                     |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

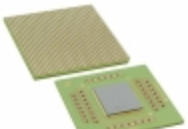
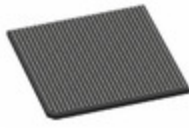
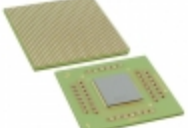
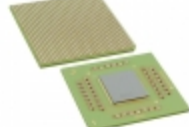
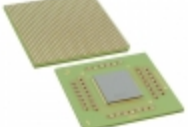
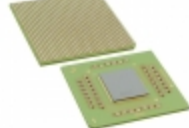
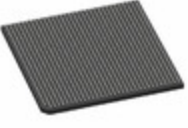
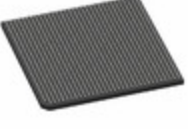
Specifications of MC8641DTVU1000GE

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | MC8641DTVU1000GE                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MPU MPC86XX 1.0GHZ 1023FCCBGA                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| DATA SHEET                       | <a href="#">1.MC8641DTVU1000GE.pdf</a><br><a href="#">2.MC8641DTVU1000GE.pdf</a> |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                 |
| USB                              | -                                                                                |
| SUPPLIER DEVICE PACKAGE          | 1023-FCCBGA (33x33)                                                              |
| SPEED                            | 1.0GHz                                                                           |
| SERIES                           | MPC86xx                                                                          |
| SECURITY FEATURES                | -                                                                                |
| SATA                             | -                                                                                |
| RAM CONTROLLERS                  | DDR, DDR2                                                                        |
| PACKAGING                        | Bulk                                                                             |
| PACKAGE / CASE                   | 1023-BCBGA, FCCBGA                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                               |
| NUMBER OF CORES/BUS WIDTH        | 2 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 2 Core, 32-Bit 1.0GHz 1023-FCCBGA (33x33) |
| CORE PROCESSOR                   | PowerPC e600                                                                     |
| CO-PROCESSORS/DSP                | -                                                                                |
| BASE PART NUMBER                 | MC8641                                                                           |
| ADDITIONAL INTERFACES            | DUART, HSSI, I <sup>2</sup> C, RapidIO                                           |

Related Tags

|                                                 |                                         |                                                     |
|-------------------------------------------------|-----------------------------------------|-----------------------------------------------------|
| NXP Semiconductors / Freescale MC8641DTVU1000GE | MC8641DTVU1000GE Distributor            | MC8641DTVU1000GE Supplier                           |
| MC8641DTVU1000GE Price                          | MC8641DTVU1000GE Pictures               | MC8641DTVU1000GE Image                              |
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| NXP Semiconductors / Freescale MC8641DTVU1000GE | NXP Semiconductors MC8641DTVU1000GE     | Freescale MC8641DTVU1000GE                          |
| Freescale Semiconductor - NXP MC8641DTVU1000GE  | NXP USA Inc. MC8641DTVU1000GE           |                                                     |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>MC8641DVJ1000NE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU E600 DUAL CORE 1023FCCBGA<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>MC8641DTHX1333JE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.333GHZ 1023BGA<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>MC8641DTVU1250HC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>MC8641DTHX1250HC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br/>In stock: Out stock</p> <p>RFQ</p>   |
|  <p><b>MC8641DTHX1250HE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>MC8641DTVU1000NC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>MC8641DTHX1333JC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.333GHZ 1023BGA<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>MC8641DTVU1333JC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.333GHZ 1023BGA<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>MC8641DTVU1333JE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.333GHZ 1023BGA<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>MC8641DTVU1000GC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>MC8641DTVJ1333JE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU E600 DUAL CORE 1023FCCBGA<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>MC8641DTVU1250HE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br/>In stock: Out stock</p> <p>RFQ</p>   |