

NXP Semiconductors / Freescale



MC8641DVU1000NE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC8641DVU1000NE                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC86XX 1.0GHZ 1023FCCBGA                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5026 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

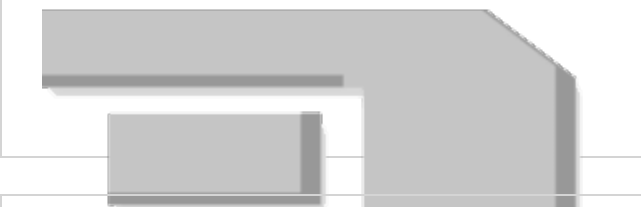
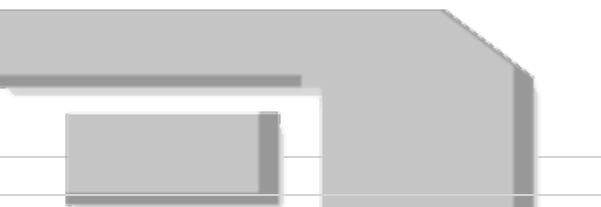
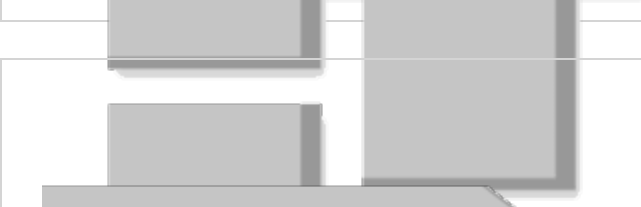
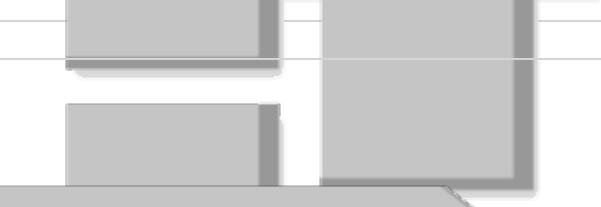
Specifications of MC8641DVU1000NE

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | MC8641DVU1000NE                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MPU MPC86XX 1.0GHZ 1023FCCBGA                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 5026 pcs                                                                         |
| DATA SHEET                       |                                                                                  |
| 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                        | Tray                                                                             |
| PACKAGE / CASE                   | 1023-BCBGA, FCCBGA                                                               |
| OPERATING TEMPERATURE            | 0°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

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MC8641DVU1000NE               | MC8641DVU1000NE Distributor        | MC8641DVU1000NE Supplier  |
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Related Products

|                                                                                    |                                                                                                                            |                                                                                      |                                                                                                                            |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC8641DVU1250HB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br>In stock: 2936 pcs<br>RFQ   |  | <b>MC8641DVU1000NC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br>In stock: 3400 pcs<br>RFQ |
|  | <b>MC8641DVU1000GE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br>In stock: 6112 pcs<br>RFQ |  | <b>MC8641DVU1000GC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br>In stock: 6644 pcs<br>RFQ |
|  | <b>MC8641DVU1000GB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br>In stock: 4354 pcs<br>RFQ |  | <b>MC8641DVU1500KB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.5GHZ 1023FCCBGA<br>In stock: 4774 pcs<br>RFQ |
|  | <b>MC8641DVJ1500KE</b><br>Manufacturers: NXP<br>Description: IC MPU E600 DUAL CORE 1023FCCBGA<br>In stock: 189 pcs<br>RFQ  |  | <b>MC8641DVU1000NB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br>In stock: 3959 pcs<br>RFQ |
|  | <b>MC8641DVU1333JB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.333GHZ 1023BGA<br>In stock: 2862 pcs<br>RFQ  |  | <b>MC8641DVU1250HC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br>In stock: 5298 pcs<br>RFQ   |
|  | <b>MC8641DVU1333JE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.333GHZ 1023BGA<br>In stock: 3648 pcs<br>RFQ  |  | <b>MC8641DVU1333JC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.333GHZ 1023BGA<br>In stock: 4203 pcs<br>RFQ  |

