

NXP Semiconductors / Freescale



### MC8641DVU1000GE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC8641DVU1000GE                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC86XX 1.0GHZ 1023FCCBGA                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6112 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

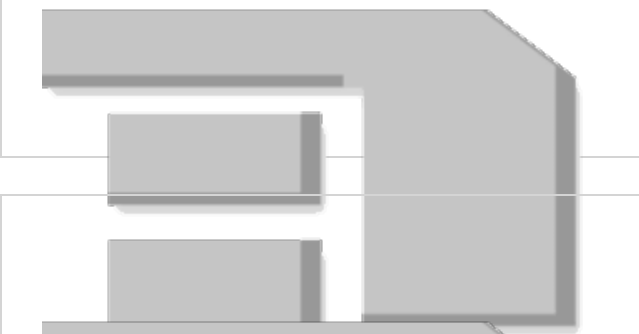
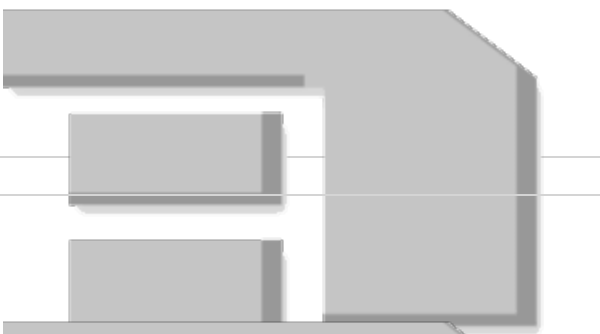
#### Specifications of MC8641DVU1000GE

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | MC8641DVU1000GE                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MPU MPC86XX 1.0GHZ 1023FCCBGA                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 6112 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

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MC8641DVU1000GE               | MC8641DVU1000GE Distributor        | MC8641DVU1000GE Supplier  |
| MC8641DVU1000GE Price         | MC8641DVU1000GE Pictures           | MC8641DVU1000GE Image     |
| MC8641DVU1000GE PDF Datasheet | MC8641DVU1000GE Download Datasheet | MC8641DVU1000GE Datasheet |
| MC8641DVU1000GE Stock         | Buy MC8641DVU1000GE                | Buy MC8641DVU1000GE       |
| MC8641DVU1000GE               | Supplier                           | Distributor               |

#### Related Products

|                                                                                    |                                                                                                                                       |                                                                                      |                                                                                                                                       |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC8641DVJ1000NE</b><br>Manufacturers: NXP<br>Description: IC MPU E600 DUAL CORE 1023FCCBGA<br>In stock: 212 pcs<br><div>RFQ</div>  |  | <b>MC8641DVU1000NE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br>In stock: 5026 pcs<br><div>RFQ</div> |
|  | <b>MC8641DVU1000GB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br>In stock: 4354 pcs<br><div>RFQ</div> |  | <b>MC8641DVU1250HB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br>In stock: 2936 pcs<br><div>RFQ</div>   |
|  | <b>MC8641DVU1000GC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br>In stock: 6644 pcs<br><div>RFQ</div> |  | <b>MC8641DVU1000NB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br>In stock: 3959 pcs<br><div>RFQ</div> |
|  | <b>MC8641DVU1333JB</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.333GHZ 1023BGA<br>In stock: 2862 pcs<br><div>RFQ</div>  |  | <b>MC8641DVJ1500KE</b><br>Manufacturers: NXP<br>Description: IC MPU E600 DUAL CORE 1023FCCBGA<br>In stock: 189 pcs<br><div>RFQ</div>  |
|  | <b>MC8641DVU1250HC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br>In stock: 5298 pcs<br><div>RFQ</div>   |  | <b>MC8641DVU1000NC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br>In stock: 3400 pcs<br><div>RFQ</div> |
|  | <b>MC8641DVJ1333JE</b><br>Manufacturers: NXP<br>Description: IC MPU E600 DUAL CORE 1023FCCBGA<br>In stock: 185 pcs<br><div>RFQ</div>  |  | <b>MC8641DTVU1333JE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.333GHZ 1023BGA<br>In stock: 2841 pcs<br><div>RFQ</div> |

