

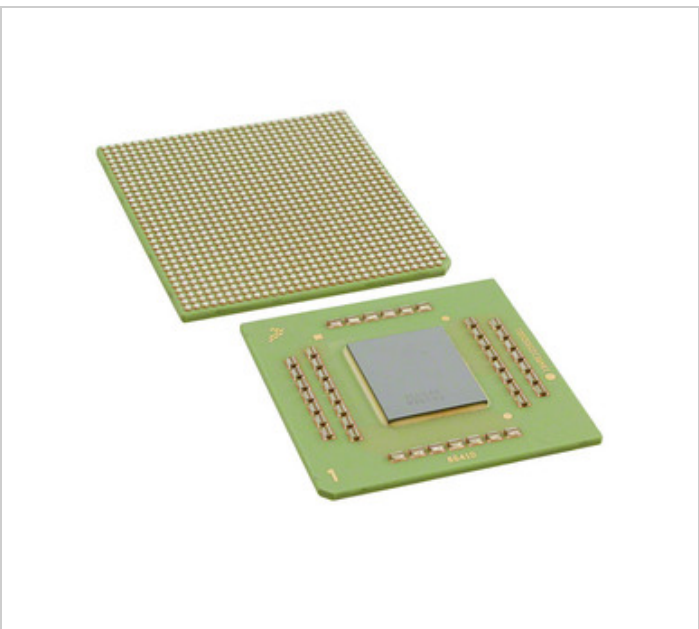


Image may be representation. See specifications for product details.

### MC8641DHX1250HC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC8641DHX1250HC                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC86XX 1.25GHZ 1023BGA                                                                               |
|                     |  1.MC8641DHX1250HC.pdf      |
|                     |  2.MC8641DHX1250HC.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

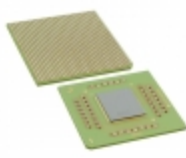
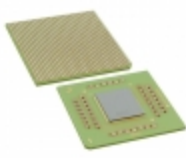
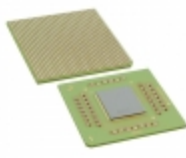
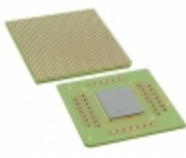
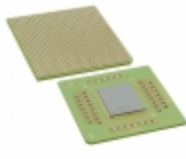
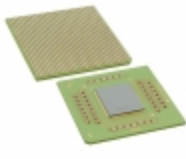
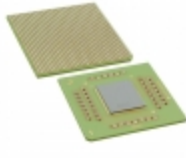
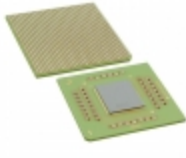
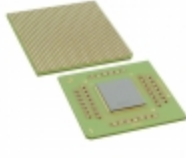
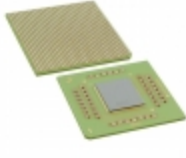
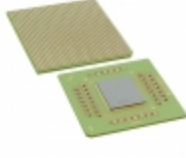
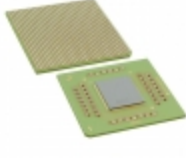
#### Specifications of MC8641DHX1250HC

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC8641DHX1250HC                                                                                                                                                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                         |
| DESCRIPTION                      | IC MPU MPC86XX 1.25GHZ 1023BGA                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.MC8641DHX1250HC.pdf<br> 2.MC8641DHX1250HC.pdf |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                                                                                                                                                       |
| USB                              | -                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 1023-FCCBGA (33x33)                                                                                                                                                                                                    |
| SPEED                            | 1.25GHz                                                                                                                                                                                                                |
| SERIES                           | MPC86xx                                                                                                                                                                                                                |
| SECURITY FEATURES                | -                                                                                                                                                                                                                      |
| SATA                             | -                                                                                                                                                                                                                      |
| RAM CONTROLLERS                  | DDR, DDR2                                                                                                                                                                                                              |
| PACKAGING                        | Bulk                                                                                                                                                                                                                   |
| 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) | 1 (Unlimited)                                                                                                                                                                                                          |
| 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 1.25GHz 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 MC8641DHX1250HC | MC8641DHX1250HC Distributor             | MC8641DHX1250HC Supplier                           |
| MC8641DHX1250HC Price                          | MC8641DHX1250HC Pictures                | MC8641DHX1250HC Image                              |
| MC8641DHX1250HC PDF Datasheet                  | MC8641DHX1250HC Download Datasheet      | MC8641DHX1250HC Datasheet                          |
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| NXP Semiconductors / Freescale MC8641DHX1250HC | NXP Semiconductors MC8641DHX1250HC      | Freescale MC8641DHX1250HC                          |
| Freescale Semiconductor - NXP MC8641DHX1250HC  | NXP USA Inc. MC8641DHX1250HC            |                                                    |

#### Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC8641DHX1500KC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.5GHZ 1023FCCBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MC8641DHX1333JB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.333GHZ 1023BGA<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MC8641DHX1333JC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.333GHZ 1023BGA<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MC8641DHX1333JE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.333GHZ 1023BGA<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>MC8641DHX1000GC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MC8641DHX1250HB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MC8641DHX1250HE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MC8641DHX1500KB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.5GHZ 1023FCCBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MC8641DHX1000NB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MC8641DHX1000GE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MC8641DHX1000NC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MC8641DHX1000NE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br/>In stock: Out stock<br/>RFQ</div> |