

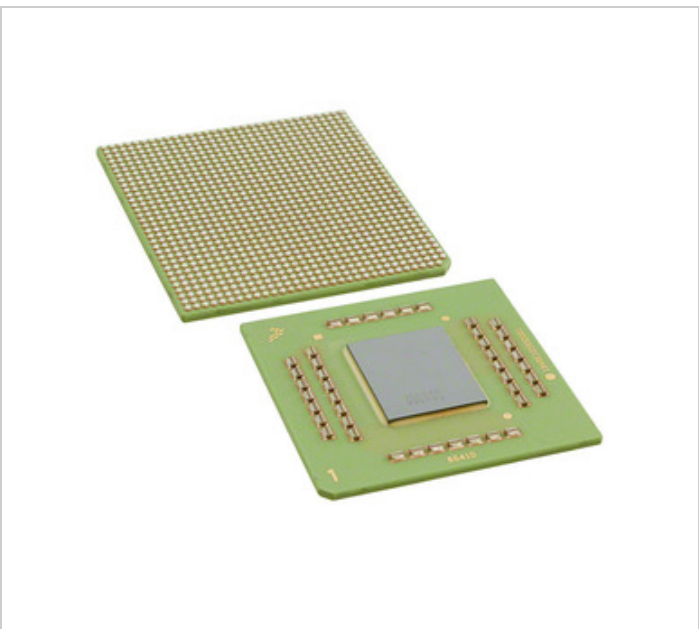


Image may be representation. See specifications for product details.

## MC8640DHX1250HE

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC8640DHX1250HE                                                                                                      |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC86XX 1.25GHZ 1023BGA                                                                                       |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

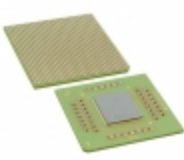
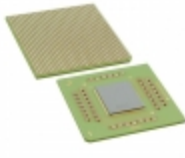
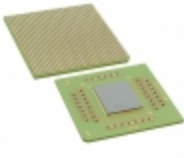
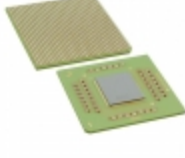
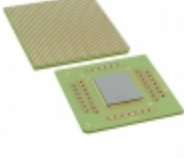
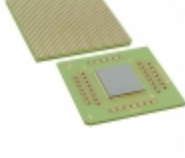
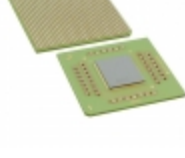
### Specifications of MC8640DHX1250HE

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | MC8640DHX1250HE                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                    |
| DESCRIPTION                      | IC MPU MPC86XX 1.25GHZ 1023BGA                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                |
| DATA SHEET                       |                                                                                   |
| 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                        | Tray                                                                              |
| PACKAGE / CASE                   | 1023-BCBGA, FCCBGA                                                                |
| OTHER NAMES                      | 935324318557                                                                      |
| 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   | Contains lead / RoHS non-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                 | MC8640                                                                            |
| ADDITIONAL INTERFACES            | DUART, HSSI, I <sup>2</sup> C, RapidIO                                            |

### Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MC8640DHX1250HE | MC8640DHX1250HE Distributor             | MC8640DHX1250HE Supplier                           |
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| NXP Semiconductors / Freescale MC8640DHX1250HE | NXP Semiconductors MC8640DHX1250HE      | Freescale MC8640DHX1250HE                          |
| Freescale Semiconductor - NXP MC8640DHX1250HE  | NXP USA Inc. MC8640DHX1250HE            |                                                    |

### Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MC8640DTHJ1067NE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.067GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>MC8640DTHX1000NC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MC8640DHX1250HC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div>    | <div></div> <div><b>MC8640DHX1067NE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.067GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>MC8640DTHX1067NC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.067GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>MC8640DTHX1000HC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MC8640DHX1067NC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.067GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>MC8640DHX1000HC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>MC8640DHX1000HE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>MC8640DTHJ1250HE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>MC8640DTHX1000HE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MC8640DHJ1250HE</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC86XX 1.25GHZ 1023BGA<br/>In stock: Out stock</div> <div>RFQ</div>    |