

## MC8641DHX1000NE



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IC MPU MPC86XX 1.0GHZ 1023FCCBGA

Contains lead / RoHS non-compliant

Integrated Circuits (ICs)

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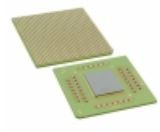
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### Specifications

|   |  |
|---|--|
| <b>Voltage - I/O:</b>                       | 1.8V, 2.5V, 3.3V                       |
| <b>USB:</b>                                 | -                                      |
| <b>Supplier Device Package:</b>             | 1023-FCCBGA (33x33)                    |
| <b>Speed:</b>                               | 1.0GHz                                 |
| <b>Series:</b>                              | MPC86xx                                |
| <b>Security Features:</b>                   | -                                      |
| <b>SATA:</b>                                | -                                      |
| <b>RAM Controllers:</b>                     | DDR, DDR2                              |
| <b>Packaging:</b>                           | Tray                                   |
| <b>Package / Case:</b>                      | 1023-BCBGA, FCCBGA                     |
| <b>Operating Temperature:</b>               | 0°C ~ 105°C (TA)                       |
| <b>Number of Cores/Bus Width:</b>           | 2 Core, 32-Bit                         |
| <b>Graphics Acceleration:</b>               | No                                     |
| <b>Ethernet:</b>                            | 10/100/1000 Mbps (4)                   |
| <b>Display &amp; Interface Controllers:</b> | -                                      |
| <b>Core Processor:</b>                      | PowerPC e600                           |
| <b>Co-Processors/DSP:</b>                   | -                                      |
| <b>Additional Interfaces:</b>               | DUART, HSSI, I <sup>2</sup> C, RapidIO |

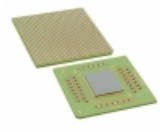
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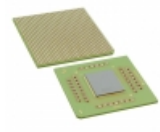
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**MC8641DHX1250HC**

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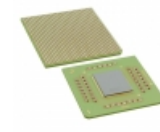
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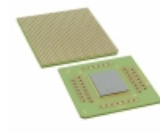
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**MC8641DHX1000NB**

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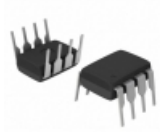
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