

NXP Semiconductors / Freescale

MC8640THX1250HE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC8640THX1250HE                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU MPC86XX 1.25GHZ 994FCCBGA                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6041 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC8640THX1250HE

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | MC8640THX1250HE                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MPU MPC86XX 1.25GHZ 994FCCBGA                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 6041 pcs                                                                         |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                 |
| USB                              | -                                                                                |
| SUPPLIER DEVICE PACKAGE          | 994-FCCBGA (33x33)                                                               |
| SPEED                            | 1.25GHz                                                                          |
| SERIES                           | MPC86xx                                                                          |
| SECURITY FEATURES                | -                                                                                |
| SATA                             | -                                                                                |
| RAM CONTROLLERS                  | DDR, DDR2                                                                        |
| PACKAGING                        | Tray                                                                             |
| PACKAGE / CASE                   | 994-BCBGA, FCCBGA                                                                |
| OTHER NAMES                      | 935314246557                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                               |
| NUMBER OF CORES/BUS WIDTH        | 1 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 1 Core, 32-Bit 1.25GHz 994-FCCBGA (33x33) |
| CORE PROCESSOR                   | PowerPC e600                                                                     |
| CO-PROCESSORS/DSP                | -                                                                                |
| BASE PART NUMBER                 | MC8640                                                                           |
| ADDITIONAL INTERFACES            | DUART, HSSI, I²C, RapidIO                                                        |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MC8640THX1250HE               | MC8640THX1250HE Distributor        | MC8640THX1250HE Supplier  |
| MC8640THX1250HE Price         | MC8640THX1250HE Pictures           | MC8640THX1250HE Image     |
| MC8640THX1250HE PDF Datasheet | MC8640THX1250HE Download Datasheet | MC8640THX1250HE Datasheet |
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| MC8640THX1250HE               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                  |                                                                                      |                                                                                                                                   |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC8640TVJ1250HE</b><br>Manufacturers: NXP<br>Description: IC MPU E600 SGL CORE 994FCCBGA<br>In stock: 156 pcs<br><b>RFQ</b>   |  | <b>MC8640THX1000HC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 994FCCBGA<br>In stock: 7085 pcs<br><b>RFQ</b>  |
|  | <b>MC8640THX1067NC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.067GHZ 994BGA<br>In stock: 3220 pcs<br><b>RFQ</b>  |  | <b>MC8640THJ1250HE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.25GHZ 994FCCBGA<br>In stock: 173 pcs<br><b>RFQ</b>  |
|  | <b>MC8640TVU1067NE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.067GHZ 994BGA<br>In stock: 4049 pcs<br><b>RFQ</b>  |  | <b>MC8640THX1067NE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.067GHZ 994BGA<br>In stock: 3804 pcs<br><b>RFQ</b>   |
|  | <b>MC8640THX1000NC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 994FCCBGA<br>In stock: 4383 pcs<br><b>RFQ</b> |  | <b>MC8640TVJ1067NE</b><br>Manufacturers: NXP<br>Description: IC MPU E600 SGL CORE 994FCCBGA<br>In stock: 260 pcs<br><b>RFQ</b>    |
|  | <b>MC8640TVU1067NC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.067GHZ 994BGA<br>In stock: 6863 pcs<br><b>RFQ</b>  |  | <b>MC8640TVU1000NC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 994FCCBGA<br>In stock: 5905 pcs<br><b>RFQ</b>  |
|  | <b>MC8640TVU1000HC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.0GHZ 994FCCBGA<br>In stock: 2969 pcs<br><b>RFQ</b> |  | <b>MC8640THX1250HC</b><br>Manufacturers: NXP<br>Description: IC MPU MPC86XX 1.25GHZ 994FCCBGA<br>In stock: 3110 pcs<br><b>RFQ</b> |