



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MC8610TPX800GB

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC8610TPX800GB                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC86XX 800MHZ 783FCBGA                                                                                       |
|                     |  1.MC8610TPX800GB.pdf               |
|                     |  2.MC8610TPX800GB.pdf               |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MC8610TPX800GB

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC8610TPX800GB                                                                                                                                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                       |
| DESCRIPTION                      | IC MPU MPC86XX 800MHZ 783FCBGA                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| DATA SHEET                       |  1.MC8610TPX800GB.pdf<br> 2.MC8610TPX800GB.pdf |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                                                                                                                                                     |
| USB                              | -                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 783-FCBGA (29x29)                                                                                                                                                                                                    |
| SPEED                            | 800MHz                                                                                                                                                                                                               |
| SERIES                           | MPC86xx                                                                                                                                                                                                              |
| SECURITY FEATURES                | -                                                                                                                                                                                                                    |
| SATA                             | -                                                                                                                                                                                                                    |
| RAM CONTROLLERS                  | DDR, DDR2                                                                                                                                                                                                            |
| PACKAGING                        | Tray                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 783-BBGA, FCBGA                                                                                                                                                                                                      |
| OTHER NAMES                      | 935310018557                                                                                                                                                                                                         |
| 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   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| GRAPHICS ACCELERATION            | No                                                                                                                                                                                                                   |
| ETHERNET                         | -                                                                                                                                                                                                                    |
| DISPLAY & INTERFACE CONTROLLERS  | DIU, LCD                                                                                                                                                                                                             |
| DETAILED DESCRIPTION             | PowerPC e600 Microprocessor IC MPC86xx 1 Core, 32-Bit 800MHz 783-FCBGA (29x29)                                                                                                                                       |
| CORE PROCESSOR                   | PowerPC e600                                                                                                                                                                                                         |
| CO-PROCESSORS/DSP                | -                                                                                                                                                                                                                    |
| BASE PART NUMBER                 | MC8610                                                                                                                                                                                                               |
| ADDITIONAL INTERFACES            | AC97, DUART, HSSI, I <sup>2</sup> C, I <sup>2</sup> S, IrDA, PCI, SPI                                                                                                                                                |

Related Tags

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Related Products



**MC8610PX1066JB**

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU MPC86XX 1.066GHZ 783BGA

In stock: Out stock

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**MC8610VT800GB**

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU MPC86XX 800MHZ 783FCBGA

In stock: Out stock

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**MC8640DHJ1067NE**

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU MPC86XX 1.067GHZ 1023BGA

In stock: Out stock

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**MC860SRCVR50D4R2**

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU MPC8XX 50MHZ 357BGA

In stock: Out stock

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**MC8610VT1066JB**

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU MPC86XX 1.066GHZ 783BGA

In stock: Out stock

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**MC8610TPX1066JB**

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU MPC86XX 1.066GHZ 783BGA

In stock: Out stock

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**MC8610PX1333JB**

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU MPC86XX 1.333GHZ 783BGA

In stock: Out stock

RFQ



**MC8610TVT800GB**

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU MPC86XX 800MHZ 783FCBGA

In stock: Out stock

RFQ



**MC8610VT1333JB**

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU MPC86XX 1.333GHZ 783BGA

In stock: Out stock

RFQ



**MC860ENCZQ50D4R2**

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU MPC8XX 50MHZ 357BGA

In stock: Out stock

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**MC860SRCZQ50D4R2**

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU MPC8XX 50MHZ 357BGA

In stock: Out stock

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**MC8610TVT1066JB**

Manufacturers: NXP Semiconductors / Freescale

Description: IC MPU MPC86XX 1.066GHZ 783BGA

In stock: Out stock

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