

NXP Semiconductors / Freescale

XPC823ZT75B2T

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XPC823ZT75B2T                                                                                                        |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC8XX 75MHZ 256BGA                                                                                           |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 4567 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

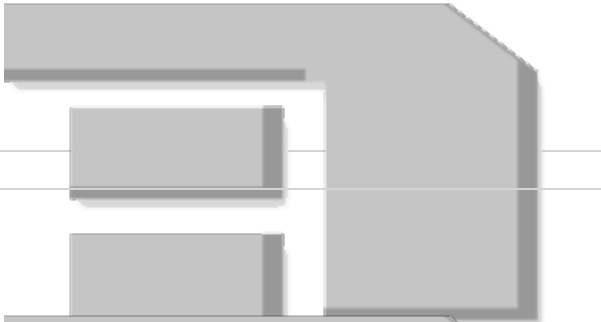
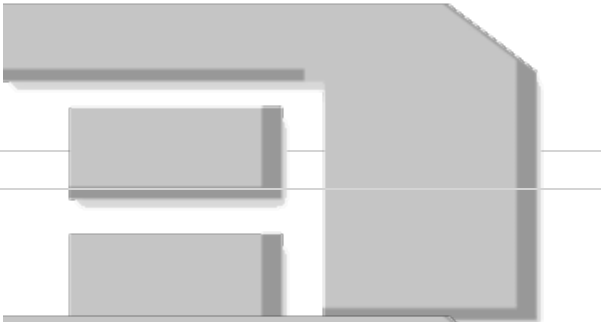
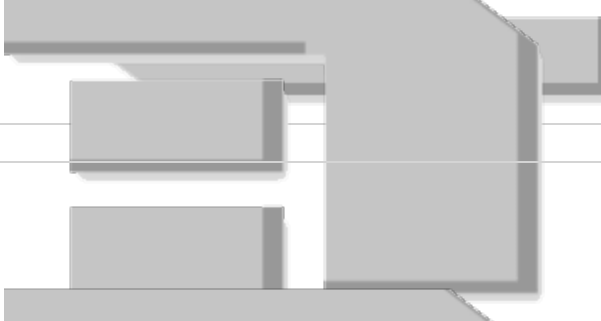
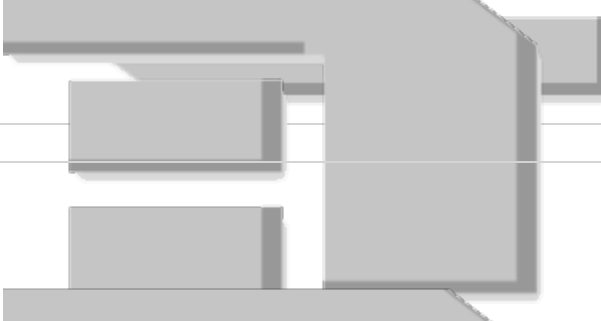
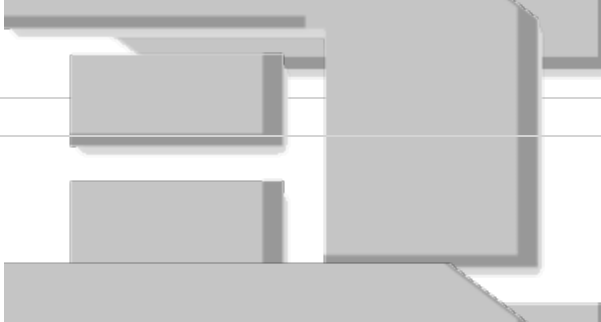
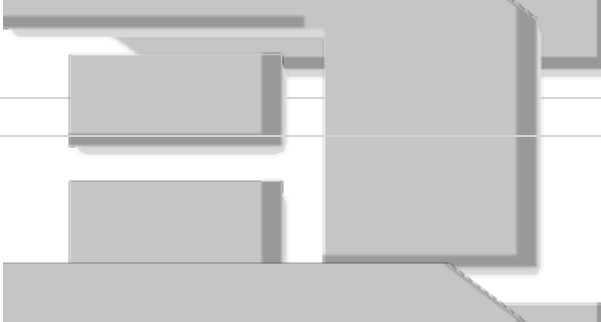
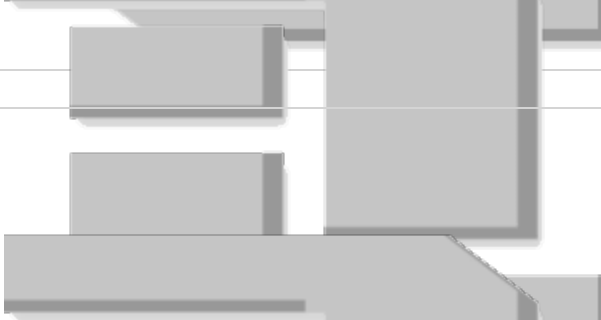
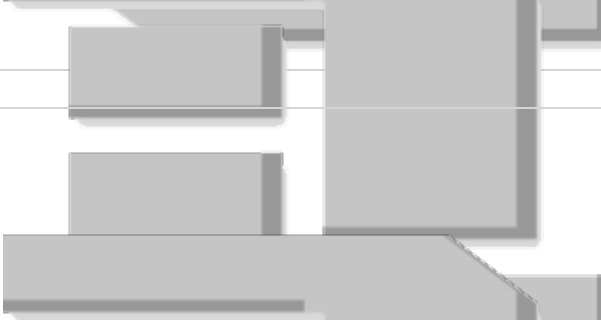
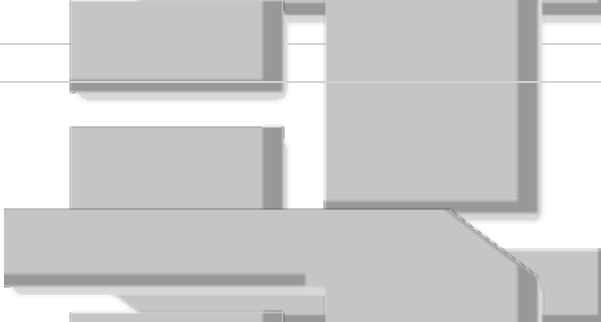
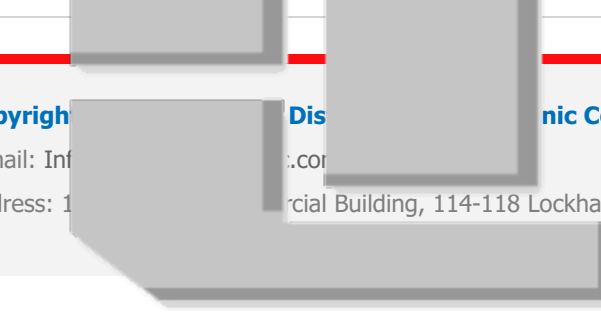
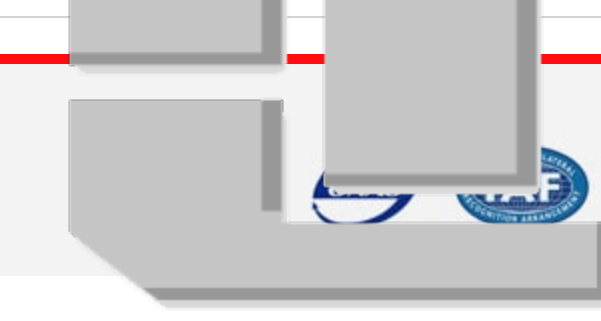
Specifications of XPC823ZT75B2T

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| PART NUMBER                      | XPC823ZT75B2T                                                          |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                         |
| DESCRIPTION                      | IC MPU MPC8XX 75MHZ 256BGA                                             |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                     |
| QUANTITY AVAILABLE               | 4567 pcs                                                               |
| DATA SHEET                       |                                                                        |
| VOLTAGE - I/O                    | 3.3V                                                                   |
| USB                              | USB 1.x (1)                                                            |
| SUPPLIER DEVICE PACKAGE          | 256-PBGA (23x23)                                                       |
| SPEED                            | 75MHz                                                                  |
| SERIES                           | MPC8xx                                                                 |
| SECURITY FEATURES                | -                                                                      |
| SATA                             | -                                                                      |
| RAM CONTROLLERS                  | DRAM                                                                   |
| PACKAGING                        | Tray                                                                   |
| PACKAGE / CASE                   | 256-BGA                                                                |
| OPERATING TEMPERATURE            | 0°C ~ 95°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                         | 10 Mbps (1)                                                            |
| DISPLAY & INTERFACE CONTROLLERS  | LCD, Video                                                             |
| DETAILED DESCRIPTION             | PowerPC Microprocessor IC MPC8xx 1 Core, 32-Bit 75MHz 256-PBGA (23x23) |
| CORE PROCESSOR                   | PowerPC                                                                |
| CO-PROCESSORS/DSP                | Communications; RISC CPM                                               |
| BASE PART NUMBER                 | PC823                                                                  |
| ADDITIONAL INTERFACES            | I <sup>2</sup> C, SMC, SCC, SPI, UART                                  |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| XPC823ZT75B2T               | XPC823ZT75B2T Distributor        | XPC823ZT75B2T Supplier  |
| XPC823ZT75B2T Price         | XPC823ZT75B2T Pictures           | XPC823ZT75B2T Image     |
| XPC823ZT75B2T PDF Datasheet | XPC823ZT75B2T Download Datasheet | XPC823ZT75B2T Datasheet |
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| XPC823ZT75B2T               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                         |                                                                                      |                                                                                                                                         |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>XPC823VR75B2T</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC8XX 75MHZ 256BGA<br/>In stock: 2002 pcs</p> <p>RFQ</p>     |  | <p><b>XPC8255CVVIFBC</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 200MHZ 480TBGA<br/>In stock: 4974 pcs</p> <p>RFQ</p> |
|  | <p><b>XPC823EVR75B2</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC8XX 75MHZ 256BGA<br/>In stock: 7042 pcs</p> <p>RFQ</p>     |  | <p><b>XPC823ZT81B2T</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC8XX 81MHZ 256BGA<br/>In stock: 5134 pcs</p> <p>RFQ</p>     |
|  | <p><b>XPC823VR81B2T</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC8XX 81MHZ 256BGA<br/>In stock: 1808 pcs</p> <p>RFQ</p>     |  | <p><b>XPC8240LZU200E</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 200MHZ 352TBGA<br/>In stock: 3982 pcs</p> <p>RFQ</p> |
|  | <p><b>XPC8240RZU250E</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 250MHZ 352TBGA<br/>In stock: 4669 pcs</p> <p>RFQ</p> |  | <p><b>XPC823VR66B2T</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC8XX 66MHZ 256BGA<br/>In stock: 2506 pcs</p> <p>RFQ</p>     |
|  | <p><b>XPC823EVR66B2</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC8XX 66MHZ 256BGA<br/>In stock: 6810 pcs</p> <p>RFQ</p>     |  | <p><b>XPC823ZT66B2T</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC8XX 66MHZ 256BGA<br/>In stock: 3794 pcs</p> <p>RFQ</p>     |
|  | <p><b>XPC8240RVV250E</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 250MHZ 352TBGA<br/>In stock: 5922 pcs</p> <p>RFQ</p> |  | <p><b>XPC8240LVV200E</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC82XX 200MHZ 352TBGA<br/>In stock: 7039 pcs</p> <p>RFQ</p> |