



MPC8250AZUPIBC

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8250AZUPIBC                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC82XX 300MHZ 480TBGA                                                                                        |
| Datasheets:         |  <a href="#">MPC8250AZUPIBC.pdf</a> |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

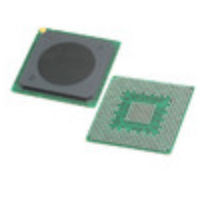
Specifications of MPC8250AZUPIBC

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8250AZUPIBC                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                         |
| DESCRIPTION                      | IC MPU MPC82XX 300MHZ 480TBGA                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                     |
| DATA SHEET                       |  <a href="#">MPC8250AZUPIBC.pdf</a> |
| VOLTAGE - I/O                    | 3.3V                                                                                                                   |
| USB                              | -                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 480-TBGA (37.5x37.5)                                                                                                   |
| SPEED                            | 300MHz                                                                                                                 |
| SERIES                           | MPC82xx                                                                                                                |
| SECURITY FEATURES                | -                                                                                                                      |
| SATA                             | -                                                                                                                      |
| RAM CONTROLLERS                  | DRAM, SDRAM                                                                                                            |
| PACKAGING                        | Tray                                                                                                                   |
| PACKAGE / CASE                   | 480-LBGA Exposed Pad                                                                                                   |
| OTHER NAMES                      | 935322725557                                                                                                           |
| OPERATING TEMPERATURE            | 0°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                         | 10/100 Mbps (3)                                                                                                        |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                      |
| DETAILED DESCRIPTION             | PowerPC G2 Microprocessor IC MPC82xx 1 Core, 32-Bit 300MHz 480-TBGA (37.5x37.5)                                        |
| CORE PROCESSOR                   | PowerPC G2                                                                                                             |
| CO-PROCESSORS/DSP                | Communications; RISC CPM                                                                                               |
| BASE PART NUMBER                 | MPC8250                                                                                                                |
| ADDITIONAL INTERFACES            | I <sup>2</sup> C, SCC, SMC, SPI, UART, USART                                                                           |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale MPC8250AZUPIBC | MPC8250AZUPIBC Distributor              | MPC8250AZUPIBC Supplier                           |
| MPC8250AZUPIBC Price                          | MPC8250AZUPIBC Pictures                 | MPC8250AZUPIBC Image                              |
| MPC8250AZUPIBC PDF Datasheet                  | MPC8250AZUPIBC Download Datasheet       | MPC8250AZUPIBC Datasheet                          |
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| NXP Semiconductors / Freescale MPC8250AZUPIBC | NXP Semiconductors MPC8250AZUPIBC       | Freescale MPC8250AZUPIBC                          |
| Freescale Semiconductor - NXP MPC8250AZUPIBC  | NXP USA Inc. MPC8250AZUPIBC             |                                                   |

Related Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MPC8255AVVPIBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 300MHZ 480TBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>MPC8255ACVVMHBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MPC8255ACZUMIBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MPC8250AZQIHBC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 200MHZ 516BGA<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>MPC8255ACZUMHBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>MPC8250AVVMHBC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>MPC8250AZUMHBC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>MPC8250ACZUMHBC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: 19 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MPC8250AVVPIBC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 300MHZ 480TBGA<br/>In stock: 16 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MPC8255ACVVMIBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>MPC8255AVVMHBB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 266MHZ 480TBGA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>MPC8250AVRIHBC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC82XX 200MHZ 516BGA<br/>In stock: Out stock</div> <div>RFQ</div>   |