



Image may be representation. See specifications for product details.

### MPC862PZQ50B

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC862PZQ50B                                                                                                         |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC8XX 50MHZ 357BGA                                                                                           |
| Datasheets:         |  <a href="#">MPC862PZQ50B.pdf</a>   |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

#### Specifications of MPC862PZQ50B

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC862PZQ50B                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                       |
| DESCRIPTION                      | IC MPU MPC8XX 50MHZ 357BGA                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                   |
| DATA SHEET                       |  <a href="#">MPC862PZQ50B.pdf</a> |
| VOLTAGE - I/O                    | 3.3V                                                                                                                 |
| USB                              | -                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 357-PBGA (25x25)                                                                                                     |
| SPEED                            | 50MHz                                                                                                                |
| SERIES                           | MPC8xx                                                                                                               |
| SECURITY FEATURES                | -                                                                                                                    |
| SATA                             | -                                                                                                                    |
| RAM CONTROLLERS                  | DRAM                                                                                                                 |
| PACKAGING                        | Tray                                                                                                                 |
| PACKAGE / CASE                   | 357-BBGA                                                                                                             |
| OTHER NAMES                      | 935316797557                                                                                                         |
| 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 Mbps (4), 10/100 Mbps (1)                                                                                         |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                    |
| DETAILED DESCRIPTION             | MPC8xx Microprocessor IC MPC8xx 1 Core, 32-Bit 50MHz 357-PBGA (25x25)                                                |
| CORE PROCESSOR                   | MPC8xx                                                                                                               |
| CO-PROCESSORS/DSP                | Communications; CPM                                                                                                  |
| BASE PART NUMBER                 | MPC862                                                                                                               |
| ADDITIONAL INTERFACES            | HDLC/SDLC, I²C, IrDA, PCMCIA, SPI, TDM, UART/USART                                                                   |

#### Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| NXP Semiconductors / Freescale MPC862PZQ50B | MPC862PZQ50B Distributor                | MPC862PZQ50B Supplier                           |
| MPC862PZQ50B Price                          | MPC862PZQ50B Pictures                   | MPC862PZQ50B Image                              |
| MPC862PZQ50B PDF Datasheet                  | MPC862PZQ50B Download Datasheet         | MPC862PZQ50B Datasheet                          |
| MPC862PZQ50B Stock                          | Buy MPC862PZQ50B                        | Buy NXP Semiconductors / Freescale MPC862PZQ50B |
| NXP Semiconductors / Freescale MPC862PZQ50B | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor      |
| NXP Semiconductors / Freescale MPC862PZQ50B | NXP Semiconductors MPC862PZQ50B         | Freescale MPC862PZQ50B                          |
| Freescale Semiconductor - NXP MPC862PZQ50B  | NXP USA Inc. MPC862PZQ50B               |                                                 |

#### Related Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MPC862PZQ100B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 100MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MPC862TCVR80B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 80MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
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