

MPC850CZQ66BU



Part Number: [MPC850CZQ66BU](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC8XX 66MHZ 256BGA

Data sheet:  [MPC850 PowerQUICC](#)

RoHs Status: Contains lead / RoHS non-compliant

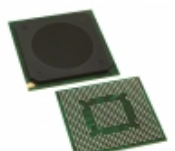
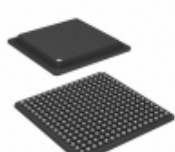
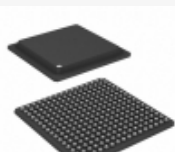
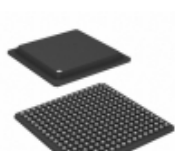
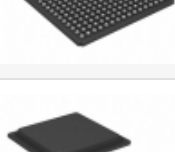
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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                       |                                  |                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MPC850CZQ66BU                                                         | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MPU MPC8XX 66MHZ 256BGA                                            | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5884 pcs                                                              | Data sheet                       | <a href="#">MPC850 PowerQUICC</a>              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage - I/O                    | 3.3V                                           |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | USB 1.x (1)                                                           | Supplier Device Package          | 256-PBGA (23x23)                               |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 66MHz                                                                 | Series                           | MPC8xx                                         |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                     | SATA                             | -                                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DRAM                                                                  | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 256-BBGA                                                              | Operating Temperature            | -40°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  | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MPC8xx Microprocessor IC MPC8xx 1 Core, 32-Bit 66MHz 256-PBGA (23x23) | Core Processor                   | MPC8xx                                         |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Communications; CPM                                                   | Base Part Number                 | MPC850                                         |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | HDLC/SDLC, I <sup>2</sup> C, IrDA, PCMCIA-ATA, TDM, UART/USART        |                                  |                                                |
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| RELATED PRODUCTS                                                                   |                                             |                                                               |     |
|------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|-----|
|  | Part#: <a href="#">MPC850CVR66BU</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 66MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC8379VRAJFA</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC83XX 533MHZ 689TEBGA |                                                               |     |
|  | Part#: <a href="#">MPC850DECVR50BU</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC850CVR50BUR2</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC850DEV66BUR2</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 66MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC850DEV50BU</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC8379VRALGA</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |     |
|  | Part#: <a href="#">MPC850DECVR66BU</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 66MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC850DEZQ50BU</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC850CZQ50BUR2</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC850DECZQ66BU</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 66MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC850DECZQ50BU</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC8379VRALG</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC83XX 667MHZ 689TEBGA |                                                               |     |
|  | Part#: <a href="#">MPC850DEV66BU</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 66MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC850CZQ50BU</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC837XE-MDS-PB</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: BOARD PROCESSOR FOR MDS S      |                                                               |     |
|  | Part#: <a href="#">MPC8379VRANG</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC83XX 800MHZ 689TEBGA |                                                               |     |
|  | Part#: <a href="#">MPC850CVR50BU</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC850DEV50BUR2</a>      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA     |                                                               |     |
|  | Part#: <a href="#">MPC850DEV80BU</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 80MHZ 256BGA     |                                                               |     |

| Related keywords for MPC850CZQ66BU |                                  |                                             |                            |
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