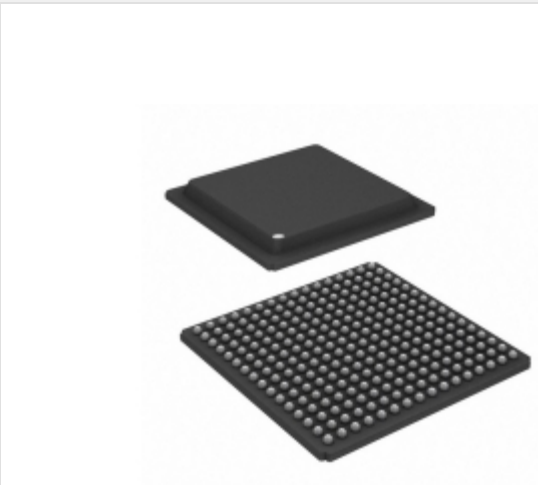


MPC850SRCVR50BU



Part Number: [MPC850SRCVR50BU](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC8XX 50MHZ 256BGA

Data sheet:  [MPC850 PowerQUICC](#)

RoHs Status: Lead free / RoHS Compliant

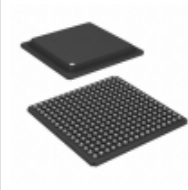
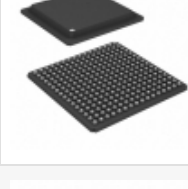
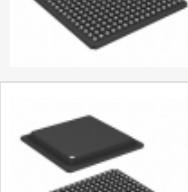
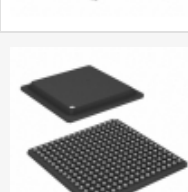
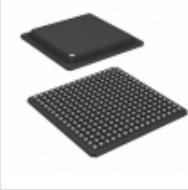
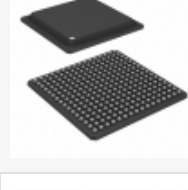
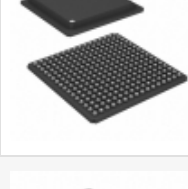
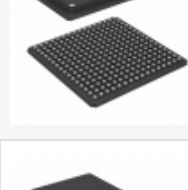
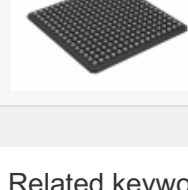
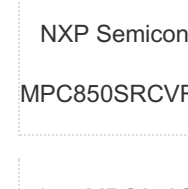
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                |                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MPC850SRCVR50BU                           | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MPU MPC8XX 50MHZ 256BGA                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1830 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 50MHz                                     | Series                         | MPC8xx                                                                |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | SATA                           | -                                                                     |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DRAM                                      | Packaging                      | Tray                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 256-BBGA                                  | Other Names                    | 935316759557                                                          |
| 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 | Lead free / RoHS Compliant                                            |
| Graphics Acceleration                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No                                        | Ethernet                       | 10 Mbps (1)                                                           |
| Display & Interface Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                         | Detailed Description           | MPC8xx Microprocessor IC MPC8xx 1 Core, 32-Bit 50MHz 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="#">MPC850DSLVR50BU</a>  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850SRVR80BU</a>   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 80MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850DEZQ50BU</a>   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850SRZQ66BU</a>   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 66MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850DSLVR50BU</a>  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850SRCVR66BU</a>  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 66MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850SRCZQ66BU</a>  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 66MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850VR50BU</a>     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850SRZQ80BU</a>   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 80MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850DEVVR80BU</a>  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 80MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850SRCZQ50BU</a>  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850DEZQ66BUR2</a> | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 66MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850DSLZQ50BU</a>  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850DSLZQ50BU</a>  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850DEZQ50BUR2</a> | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850DEZQ66BU</a>   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 66MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850SRVR50BU</a>   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850SRZQ50BU</a>   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 50MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850DEZQ80BU</a>   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 80MHZ 256BGA |                                                               |     |
|  | Part#: <a href="#">MPC850SRVR66BU</a>   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | RFQ |
|                                                                                    | Description: IC MPU MPC8XX 66MHZ 256BGA |                                                               |     |

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