

KMPC850SRCVR66BU



Part Number: [KMPC850SRCVR66BU](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC8XX 66MHZ 256BGA

Data sheet:  [MPC850 PowerQUICC](#)

RoHs Status: Lead free / RoHS Compliant

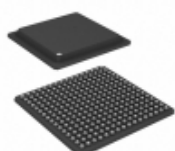
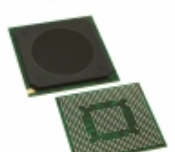
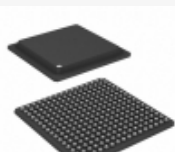
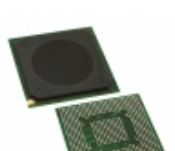
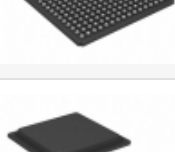
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                       |                                  |                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | KMPC850SRCVR66BU                                                      | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MPU MPC8XX 66MHZ 256BGA                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 4216 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                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS 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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