

MPC859TZP100A

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC859TZP100A                                                                                                        |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC8XX 100MHZ 357BGA                                                                                          |
| Datasheets:         |  <a href="#">MPC859TZP100A.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 MPC859TZP100A

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC859TZP100A                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                        |
| DESCRIPTION                      | IC MPU MPC8XX 100MHZ 357BGA                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                    |
| DATA SHEET                       |  <a href="#">MPC859TZP100A.pdf</a> |
| VOLTAGE - I/O                    | 3.3V                                                                                                                  |
| USB                              | -                                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 357-PBGA (25x25)                                                                                                      |
| SPEED                            | 100MHz                                                                                                                |
| SERIES                           | MPC8xx                                                                                                                |
| SECURITY FEATURES                | -                                                                                                                     |
| SATA                             | -                                                                                                                     |
| RAM CONTROLLERS                  | DRAM                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                  |
| PACKAGE / CASE                   | 357-BBGA                                                                                                              |
| OPERATING TEMPERATURE            | 0°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), 10/100 Mbps (1)                                                                                          |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                     |
| DETAILED DESCRIPTION             | MPC8xx Microprocessor IC MPC8xx 1 Core, 32-Bit 100MHz 357-PBGA (25x25)                                                |
| CORE PROCESSOR                   | MPC8xx                                                                                                                |
| CO-PROCESSORS/DSP                | Communications; CPM                                                                                                   |
| BASE PART NUMBER                 | MPC859                                                                                                                |
| ADDITIONAL INTERFACES            | HDLC/SDLC, I <sup>2</sup> C, IrDA, PCMCIA, SPI, TDM, UART/USART                                                       |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| NXP Semiconductors / Freescale MPC859TZP100A | MPC859TZP100A Distributor               | MPC859TZP100A Supplier                           |
| MPC859TZP100A Price                          | MPC859TZP100A Pictures                  | MPC859TZP100A Image                              |
| MPC859TZP100A PDF Datasheet                  | MPC859TZP100A Download Datasheet        | MPC859TZP100A Datasheet                          |
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| NXP Semiconductors / Freescale MPC859TZP100A | NXP Semiconductors MPC859TZP100A        | Freescale MPC859TZP100A                          |
| Freescale Semiconductor - NXP MPC859TZP100A  | NXP USA Inc. MPC859TZP100A              |                                                  |

Related Products

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|  <div><b>MPC859PZP133A</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 133MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MPC859TVR133A</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 133MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MPC859TZP133A</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 133MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MPC860DEVR50D4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 50MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MPC860DECZQ50D4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 50MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPC860DECVR50D4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 50MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MPC859TCZP100A</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 100MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPC860DECVR66D4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 66MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MPC860DECZQ66D4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 66MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MPC859TCVR100A</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC8XX 100MHZ 357BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
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