



NXP Semiconductors / Freescale



MC9328MXSCVP10R2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9328MXSCVP10R2                                                                                             |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MXS 100MHZ 225MAPBGA                                                                                |
|                     |  1.MC9328MXSCVP10R2.pdf     |
|                     |  2.MC9328MXSCVP10R2.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

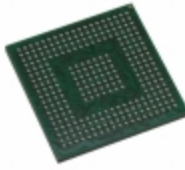
Specifications of MC9328MXSCVP10R2

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9328MXSCVP10R2                                                                                                                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                           |
| DESCRIPTION                      | IC MPU I.MXS 100MHZ 225MAPBGA                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       |  1.MC9328MXSCVP10R2.pdf<br> 2.MC9328MXSCVP10R2.pdf |
| VOLTAGE - I/O                    | 1.8V, 3.0V                                                                                                                                                                                                               |
| USB                              | USB 1.x (1)                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 225-MAPBGA (13x13)                                                                                                                                                                                                       |
| SPEED                            | 100MHz                                                                                                                                                                                                                   |
| SERIES                           | i.MXS                                                                                                                                                                                                                    |
| SECURITY FEATURES                | -                                                                                                                                                                                                                        |
| SATA                             | -                                                                                                                                                                                                                        |
| RAM CONTROLLERS                  | SDRAM                                                                                                                                                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 225-LFBGA                                                                                                                                                                                                                |
| OTHER NAMES                      | 935309457518                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°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                         | -                                                                                                                                                                                                                        |
| DISPLAY & INTERFACE CONTROLLERS  | LCD                                                                                                                                                                                                                      |
| DETAILED DESCRIPTION             | ARM920T Microprocessor IC i.MXS 1 Core, 32-Bit 100MHz 225-MAPBGA (13x13)                                                                                                                                                 |
| CORE PROCESSOR                   | ARM920T                                                                                                                                                                                                                  |
| CO-PROCESSORS/DSP                | -                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | MC9328MXS                                                                                                                                                                                                                |
| ADDITIONAL INTERFACES            | I <sup>2</sup> C, I <sup>2</sup> S, SPI, SSI, UART                                                                                                                                                                       |

Related Tags

|                                                 |                                         |                                                     |
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| NXP Semiconductors / Freescale MC9328MXSCVP10R2 | MC9328MXSCVP10R2 Distributor            | MC9328MXSCVP10R2 Supplier                           |
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| NXP Semiconductors / Freescale MC9328MXSCVP10R2 | NXP Semiconductors MC9328MXSCVP10R2     | Freescale MC9328MXSCVP10R2                          |
| Freescale Semiconductor - NXP MC9328MXSCVP10R2  | NXP USA Inc. MC9328MXSCVP10R2           |                                                     |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                        |
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|  <div><b>MC9328MXLVP15</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MXL 150MHZ 225MAPBGA<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MC9328MXLVP15R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MXL 150MHZ 225MAPBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MC94MX21DVKN3</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX21 350MHZ 289MAPBGA<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>MC9328MXSVP10</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MXS 100MHZ 225MAPBGA<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MC9328MXLVP20</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MXL 200MHZ 225MAPBGA<br/>In stock: Out stock<br/>RFQ</div>    |  <div><b>MC9328MXSVP10</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MXS 100MHZ 225MAPBGA<br/>In stock: Out stock<br/>RFQ</div>   |
|  <div><b>MC9328MXLVP20R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MXL 200MHZ 225MAPBGA<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>MC9328MXLVM20R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MXL 200MHZ 256MAPBGA<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MC94MX21DVKN3R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX21 350MHZ 289MAPBGA<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MC9RS08KA1CDBR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 1KB FLASH 6QFN<br/>In stock: Out stock<br/>RFQ</div>     |
|  <div><b>MC9RS08KA1CDB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 8BIT 1KB FLASH 6QFN<br/>In stock: 21 pcs<br/>RFQ</div>          |  <div><b>MC9328MXSVP10R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MXS 100MHZ 225MAPBGA<br/>In stock: Out stock<br/>RFQ</div> |