

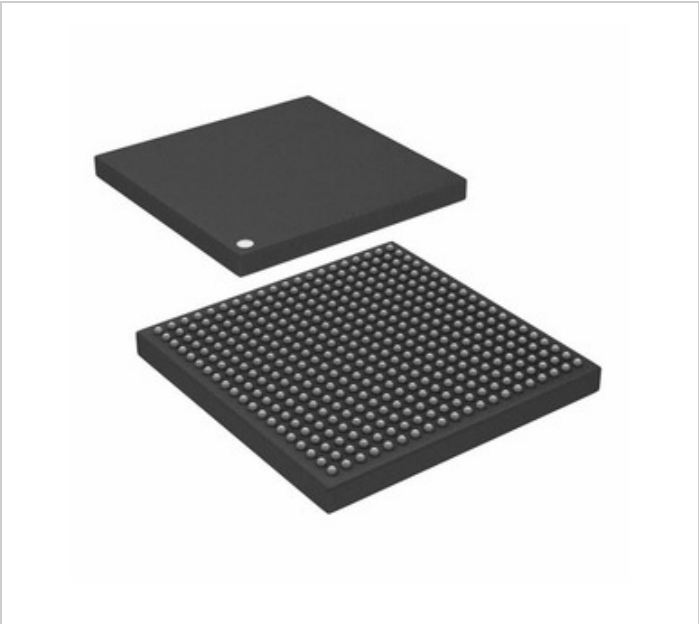


Image may be representation. See specifications for product details.

MCIMX503CVM8BR2

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX503CVM8BR2                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MX50 800MHZ 400MAPBGA                                                                               |
|                     |  1.MCIMX503CVM8BR2.pdf      |
|                     |  2.MCIMX503CVM8BR2.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

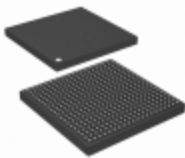
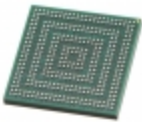
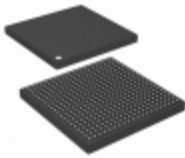
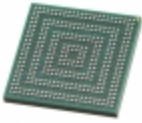
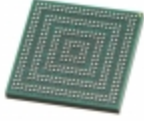
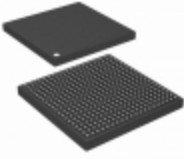
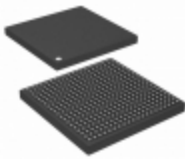
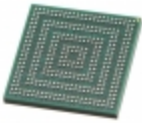
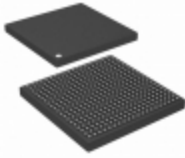
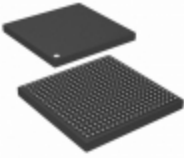
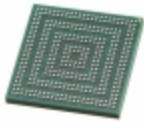
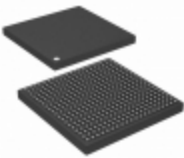
Specifications of MCIMX503CVM8BR2

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX503CVM8BR2                                                                                                                                                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                         |
| DESCRIPTION                      | IC MPU I.MX50 800MHZ 400MAPBGA                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                             |
| DATA SHEET                       |  1.MCIMX503CVM8BR2.pdf<br> 2.MCIMX503CVM8BR2.pdf |
| VOLTAGE - I/O                    | 1.2V, 1.875V, 2.775V, 3.0V                                                                                                                                                                                             |
| USB                              | USB 2.0 + PHY (2)                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 400-MAPBGA (17x17)                                                                                                                                                                                                     |
| SPEED                            | 800MHz                                                                                                                                                                                                                 |
| SERIES                           | i.MX50                                                                                                                                                                                                                 |
| SECURITY FEATURES                | Boot Security, Cryptography, Secure JTAG                                                                                                                                                                               |
| SATA                             | -                                                                                                                                                                                                                      |
| RAM CONTROLLERS                  | LPDDR, LPDDR2, DDR2                                                                                                                                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 400-LFBGA                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | 0°C ~ 70°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            | Yes                                                                                                                                                                                                                    |
| ETHERNET                         | 10/100 Mbps (1)                                                                                                                                                                                                        |
| DISPLAY & INTERFACE CONTROLLERS  | LCD                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | ARM® Cortex®-A8 Microprocessor IC i.MX50 1 Core, 32-Bit 800MHz 400-MAPBGA (17x17)                                                                                                                                      |
| CORE PROCESSOR                   | ARM® Cortex®-A8                                                                                                                                                                                                        |
| CO-PROCESSORS/DSP                | Multimedia; NEON™ SIMD                                                                                                                                                                                                 |
| BASE PART NUMBER                 | MCIMX503                                                                                                                                                                                                               |
| ADDITIONAL INTERFACES            | 1-Wire, AC'97, I²C, I²S, MMC/SD, SPI, SSI, UART                                                                                                                                                                        |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MCIMX503CVM8BR2 | MCIMX503CVM8BR2 Distributor             | MCIMX503CVM8BR2 Supplier                           |
| MCIMX503CVM8BR2 Price                          | MCIMX503CVM8BR2 Pictures                | MCIMX503CVM8BR2 Image                              |
| MCIMX503CVM8BR2 PDF Datasheet                  | MCIMX503CVM8BR2 Download Datasheet      | MCIMX503CVM8BR2 Datasheet                          |
| MCIMX503CVM8BR2 Stock                          | Buy MCIMX503CVM8BR2                     | Buy NXP Semiconductors / Freescale MCIMX503CVM8BR2 |
| NXP Semiconductors / Freescale MCIMX503CVM8BR2 | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor         |
| NXP Semiconductors / Freescale MCIMX503CVM8BR2 | NXP Semiconductors MCIMX503CVM8BR2      | Freescale MCIMX503CVM8BR2                          |
| Freescale Semiconductor - NXP MCIMX503CVM8BR2  | NXP USA Inc. MCIMX503CVM8BR2            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCIMX507CVM1BR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MCIMX507CVK8B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX50 800MHZ 416MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>MCIMX507CVM8B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br/>In stock: 450 pcs<br/><div>RFQ</div></div>     |  <div><b>MCIMX503CVK8BR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX50 800MHZ 416MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MCIMX507CVK8BR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX50 800MHZ 416MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MCIMX507CVM1B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>MCIMX502EVM8B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MCIMX502CVK8B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX50 800MHZ 416MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>MCIMX503EVM8B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MCIMX503CVM8B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>MCIMX503CVK8B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX50 800MHZ 416MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MCIMX502CVM8B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |