

NXP Semiconductors / Freescale

MCIMX503EVM8B

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX503EVM8B                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MX50 800MHZ 400MAPBGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5640 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

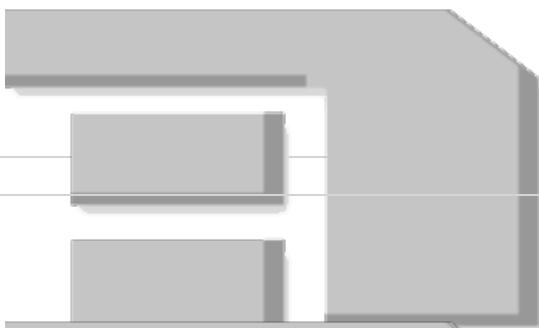
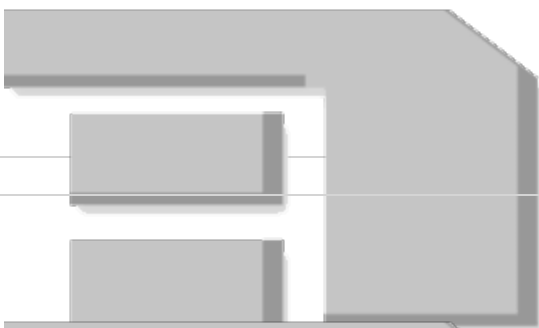
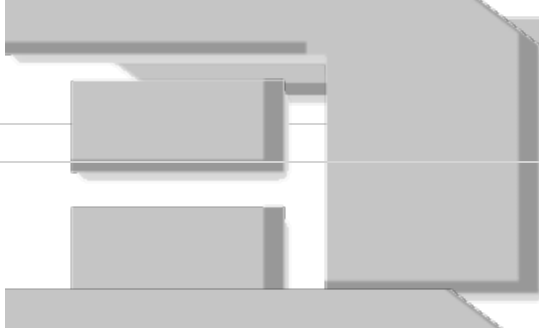
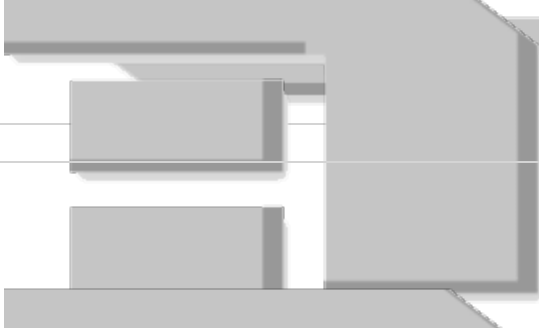
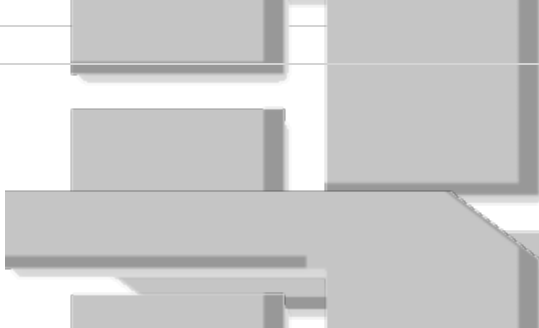
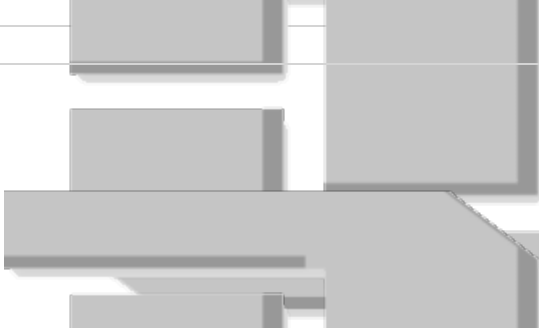
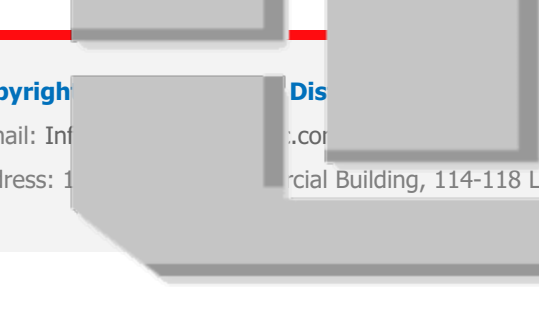
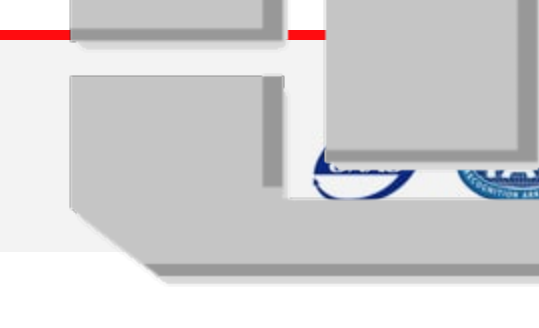
Specifications of MCIMX503EVM8B

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX503EVM8B                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                    |
| DESCRIPTION                      | IC MPU I.MX50 800MHZ 400MAPBGA                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| QUANTITY AVAILABLE               | 5640 pcs                                                                          |
| DATA SHEET                       |                                                                                   |
| 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                        | Tray                                                                              |
| PACKAGE / CASE                   | 400-LFBGA                                                                         |
| OPERATING TEMPERATURE            | -20°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

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MCIMX503EVM8B               | MCIMX503EVM8B Distributor        | MCIMX503EVM8B Supplier  |
| MCIMX503EVM8B Price         | MCIMX503EVM8B Pictures           | MCIMX503EVM8B Image     |
| MCIMX503EVM8B PDF Datasheet | MCIMX503EVM8B Download Datasheet | MCIMX503EVM8B Datasheet |
| MCIMX503EVM8B Stock         | Buy MCIMX503EVM8B                | Buy MCIMX503EVM8B       |
| MCIMX503EVM8B               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                 |                                                                                      |                                                                                                                                 |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MCIMX507CVM8B</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br>In stock: 5475 pcs<br><b>RFQ</b>   |  | <b>MCIMX507CVM1B</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br>In stock: 4489 pcs<br><b>RFQ</b>   |
|  | <b>MCIMX503CVK8BR2</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX50 800MHZ 416MAPBGA<br>In stock: 3690 pcs<br><b>RFQ</b> |  | <b>MCIMX502EVM8B</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br>In stock: 5969 pcs<br><b>RFQ</b>   |
|  | <b>MCIMX508CVK1B</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX50 1.0GHZ 416MAPBGA<br>In stock: 5732 pcs<br><b>RFQ</b>   |  | <b>MCIMX507CVK8BR2</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX50 800MHZ 416MAPBGA<br>In stock: 7606 pcs<br><b>RFQ</b> |
|  | <b>MCIMX507CVK8B</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX50 800MHZ 416MAPBGA<br>In stock: 5719 pcs<br><b>RFQ</b>   |  | <b>MCIMX502CVM8B</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br>In stock: 8555 pcs<br><b>RFQ</b>   |
|  | <b>MCIMX503CVM8BR2</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br>In stock: 6822 pcs<br><b>RFQ</b> |  | <b>MCIMX503CVM8B</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br>In stock: 7002 pcs<br><b>RFQ</b>   |
|  | <b>MCIMX507CVM1BR2</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX50 800MHZ 400MAPBGA<br>In stock: 6954 pcs<br><b>RFQ</b> |  | <b>MCIMX503CVK8B</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX50 800MHZ 416MAPBGA<br>In stock: 6672 pcs<br><b>RFQ</b>   |