

NXP Semiconductors / Freescale

MCIMX6U8DVM10AC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX6U8DVM10AC                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MX6DL 1.0GHZ 624MAPBGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 2229 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

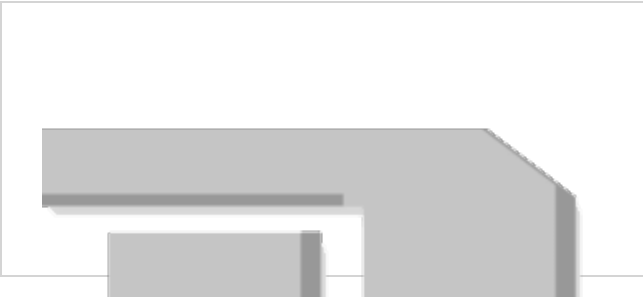
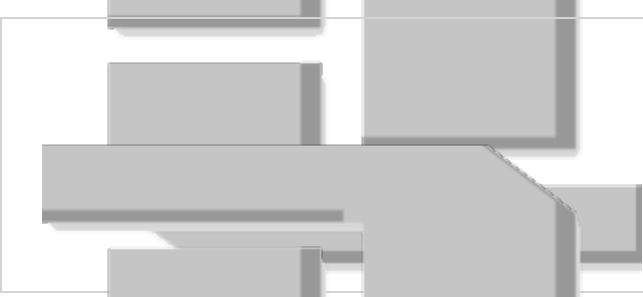
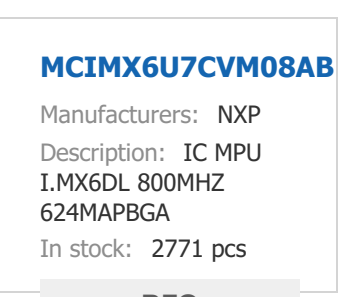
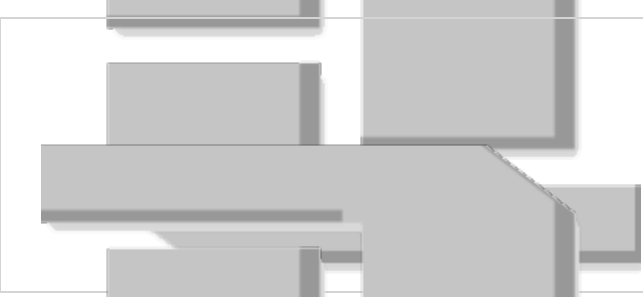
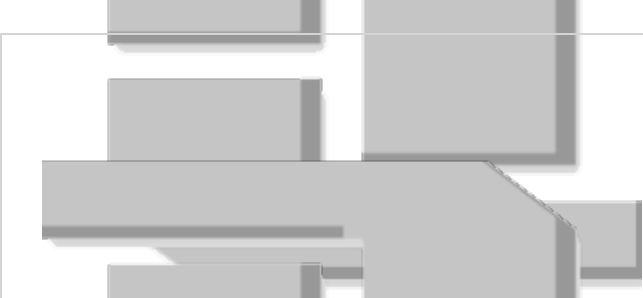
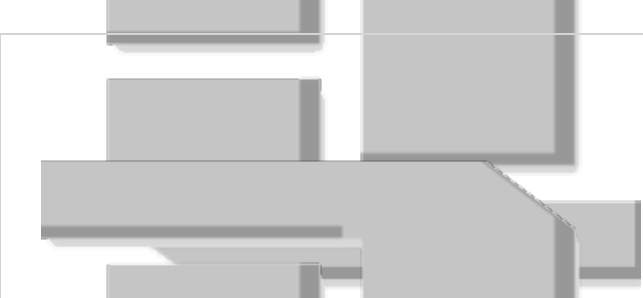
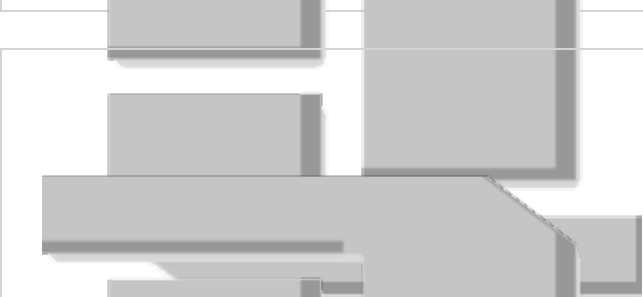
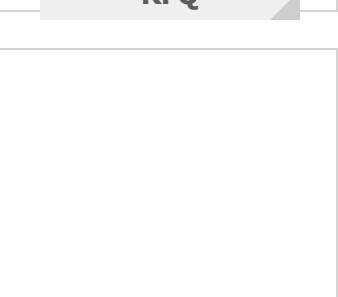
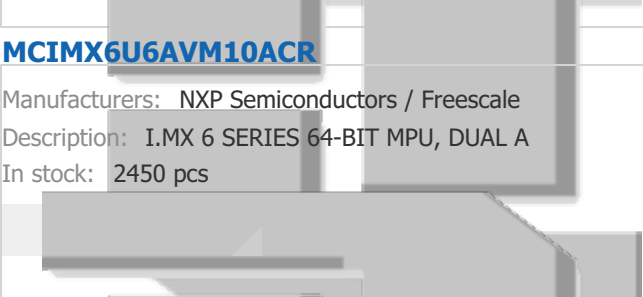
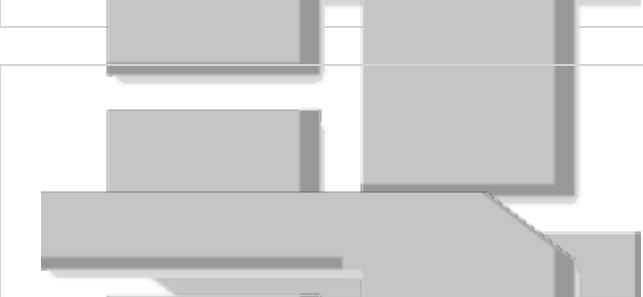
Specifications of MCIMX6U8DVM10AC

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX6U8DVM10AC                                                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                      |
| DESCRIPTION                      | IC MPU I.MX6DL 1.0GHZ 624MAPBGA                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 2229 pcs                                                                                                            |
| DATA SHEET                       |                                                                                                                     |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 2.8V, 3.3V                                                                                              |
| USB                              | USB 2.0 + PHY (4)                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 624-MAPBGA (21x21)                                                                                                  |
| SPEED                            | 1.0GHz                                                                                                              |
| SERIES                           | i.MX6DL                                                                                                             |
| SECURITY FEATURES                | ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection |
| SATA                             | -                                                                                                                   |
| RAM CONTROLLERS                  | LPDDR2, LVDDR3, DDR3                                                                                                |
| PACKAGING                        | Tray                                                                                                                |
| PACKAGE / CASE                   | 624-LFBGA                                                                                                           |
| OTHER NAMES                      | 568-13737<br>935315821557<br>MCIMX6U8DVM10AC-ND                                                                     |
| OPERATING TEMPERATURE            | 0°C ~ 95°C (TJ)                                                                                                     |
| NUMBER OF CORES/BUS WIDTH        | 2 Core, 32-Bit                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| GRAPHICS ACCELERATION            | Yes                                                                                                                 |
| ETHERNET                         | 10/100/1000 Mbps (1)                                                                                                |
| DISPLAY & INTERFACE CONTROLLERS  | Keypad, LCD                                                                                                         |
| DETAILED DESCRIPTION             | ARM® Cortex®-A9 Microprocessor IC i.MX6DL 2 Core, 32-Bit 1.0GHz 624-MAPBGA (21x21)                                  |
| CORE PROCESSOR                   | ARM® Cortex®-A9                                                                                                     |
| CO-PROCESSORS/DSP                | Multimedia; NEON™ SIMD                                                                                              |
| BASE PART NUMBER                 | MCIMX6                                                                                                              |
| ADDITIONAL INTERFACES            | CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, UART                                                                     |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MCIMX6U8DVM10AC               | MCIMX6U8DVM10AC Distributor        | MCIMX6U8DVM10AC Supplier  |
| MCIMX6U8DVM10AC Price         | MCIMX6U8DVM10AC Pictures           | MCIMX6U8DVM10AC Image     |
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| MCIMX6U8DVM10AC Stock         | Buy MCIMX6U8DVM10AC                | Buy MCIMX6U8DVM10AC       |
| MCIMX6U8DVM10AC               | Supplier                           | Distributor               |

Related Products

|                                                                                                                                                                                                                                       |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>MCIMX6U8DVM10AC</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX6DL 1.0GHZ 624MAPBGA<br>In stock: 3571 pcs<br><b>RFQ</b>                | <br><b>MCIMX6ULL-EVK</b><br>Manufacturers: NXP<br>Description: EVAL KIT FOR I.MX6ULL<br>In stock: 555 pcs<br><b>RFQ</b>              | <br><b>MCIMX6U8DVM10AB</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX6DL 1.0GHZ 624MAPBGA<br>In stock: 3571 pcs<br><b>RFQ</b>                    |
| <br><b>MCIMX6U7CVM08AB</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX6DL 800MHZ 624MAPBGA<br>In stock: 2771 pcs<br><b>RFQ</b>                | <br><b>MCIMX6U7CVM08AD</b><br>Manufacturers: NXP<br>Description: I.MX6 DUALLITE R PERFEN<br>In stock: 2898 pcs<br><b>RFQ</b>         | <br><b>MCIMX6V7DVN10AB</b><br>Manufacturers: NXP<br>Description: I.MX 6 32BIT MPU 1GHZ 432MAPBGA<br>In stock: 7082 pcs<br><b>RFQ</b>                    |
| <br><b>MCIMX6V2CVM08AB</b><br>Manufacturers: NXP<br>Description: I.MX6 32BIT MPU 800MHZ 400MAPBGA<br>In stock: 6598 pcs<br><b>RFQ</b>               |                                                                                                                                                                                                                         | <br><b>MCIMX6U7CVM08AC</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX6DL 800MHZ 624MAPBGA<br>In stock: 2417 pcs<br><b>RFQ</b>                    |
| <br><b>MCIMX6U6AVM10ACR</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: I.MX 6 SERIES 64-BIT MPU, DUAL A<br>In stock: 2450 pcs | <br><b>MCIMX6U6AVM10AD</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX6DL 1.0GHZ 624MAPBGA<br>In stock: 1980 pcs<br><b>RFQ</b> | <br><b>MCIMX6UL-EVK</b><br>Manufacturers: NXP<br>Description: CPU/BASE BOARD MCIMX6UL<br>In stock: 4680 pcs<br><b>RFQ</b>                               |
| <br><b>MCIMX6UL-EVKB</b><br>Manufacturers: NXP<br>Description: CPU/BASE BOARD MCIMX6UL W/ACC<br>In stock: 549 pcs<br><b>RFQ</b>                     |                                                                                                                                                                                                                         | <br><b>MCIMX6U8DVM10AD</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: I.MX 6DL ROM PERF ENHAN<br>In stock: 2769 pcs<br><b>RFQ</b> |