

NXP Semiconductors / Freescale



MCIMX6DP4AVT8AB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX6DP4AVT8AB                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MX6DP ENHAN 624FCBGA                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1623 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

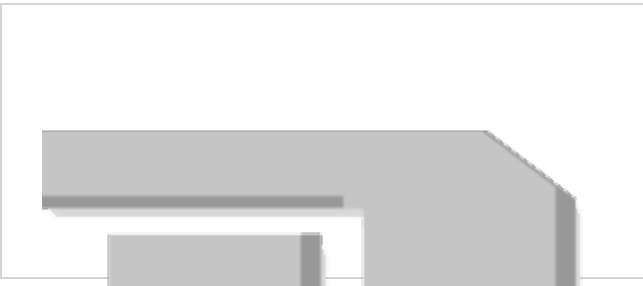
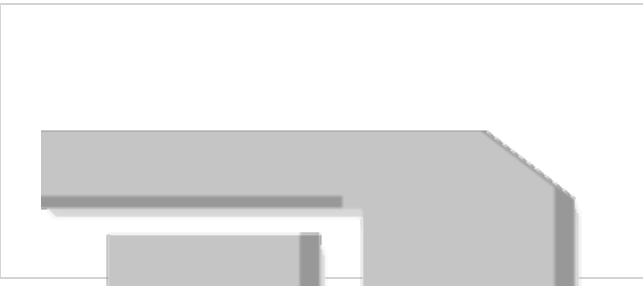
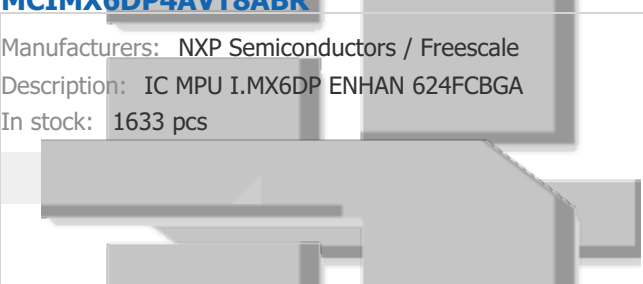
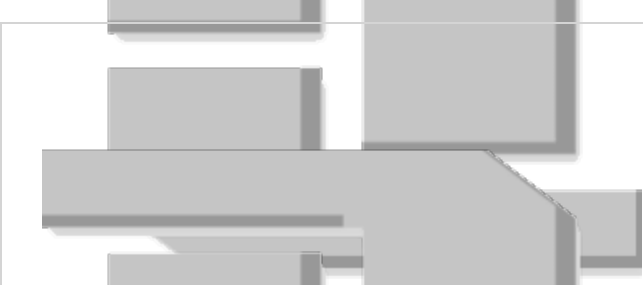
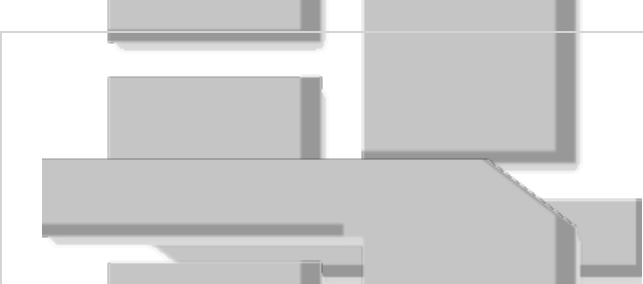
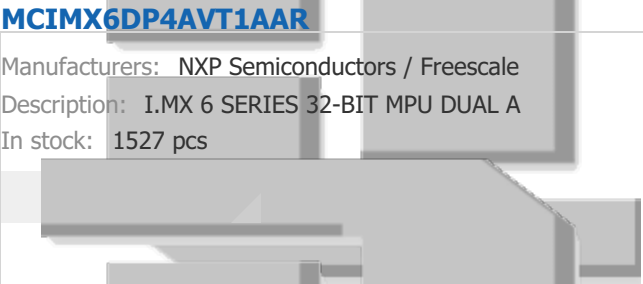
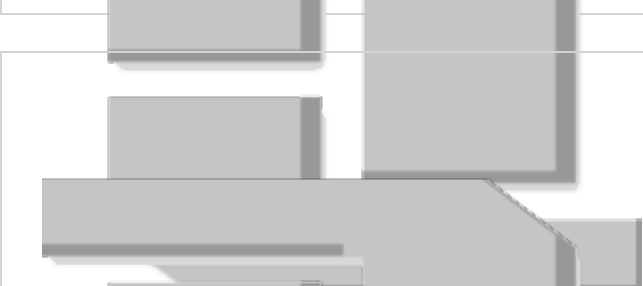
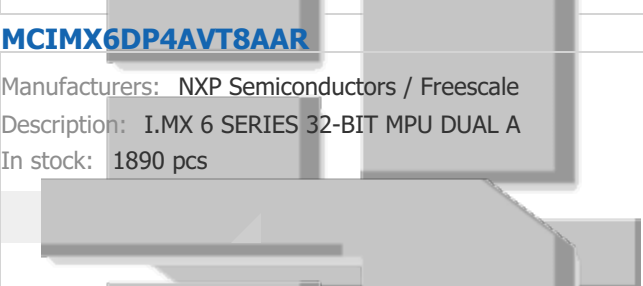
Specifications of MCIMX6DP4AVT8AB

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX6DP4AVT8AB                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                    |
| DESCRIPTION                      | IC MPU I.MX6DP ENHAN 624FCBGA                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| QUANTITY AVAILABLE               | 1623 pcs                                                                          |
| DATA SHEET                       |                                                                                   |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 2.8V, 3.3V                                                            |
| USB                              | USB 2.0 + PHY (3), USB 2.0 OTG + PHY (1)                                          |
| SUPPLIER DEVICE PACKAGE          | 624-FCBGA (21x21)                                                                 |
| SPEED                            | 852MHZ                                                                            |
| SERIES                           | i.MX6DP                                                                           |
| SECURITY FEATURES                | ARM TZ, A-HAB, CAAM, CSU, SJC, SNVS                                               |
| SATA                             | SATA 3Gbps (1)                                                                    |
| RAM CONTROLLERS                  | LPDDR2, DDR3L, DDR3                                                               |
| PACKAGING                        | Tray                                                                              |
| PACKAGE / CASE                   | 624-FBGA, FCBGA                                                                   |
| OTHER NAMES                      | 568-13537<br>935357858557                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°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  | HDMI, Keypad, LCD, LVDS, MIPI/DSI, Parallel                                       |
| DETAILED DESCRIPTION             | ARM® Cortex®-A9 Microprocessor IC i.MX6DP 2 Core, 32-Bit 852MHZ 624-FCBGA (21x21) |
| CORE PROCESSOR                   | ARM® Cortex®-A9                                                                   |
| CO-PROCESSORS/DSP                | Multimedia; NEON™ SIMD                                                            |

Related Tags

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Related Products

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>MCIMX6DP5EVT2AB</b><br/>Manufacturers: NXP<br/>Description: I.MX 6QP ROM PERF ENHAN<br/>In stock: 1625 pcs</p> <p>RFQ</p>        |  <p><b>MCIMX6DP4AVT8ABR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6DP ENHAN 624FCBGA<br/>In stock: 1633 pcs</p>   |
|  <p><b>MCIMX6DP4AVT1AB</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX6DP ENHAN 624FCBGA<br/>In stock: 1077 pcs</p> <p>RFQ</p>  |  <p><b>MCIMX6DP4AVT1ABR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6DP ENHAN 624FCBGA<br/>In stock: 1423 pcs</p>   |
|  <p><b>MCIMX6DP5EYM1AA</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX6DP 1GHZ 624FCBGA<br/>In stock: 1727 pcs</p> <p>RFQ</p>   |  <p><b>MCIMX6DP4AVT1AAR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6 SERIES 32-BIT MPU DUAL A<br/>In stock: 1527 pcs</p> |
|  <p><b>MCIMX6DP4AVT8AA</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX6DP 852MHZ 624FCBGA<br/>In stock: 1407 pcs</p> <p>RFQ</p> |  <p><b>MCIMX6DP5EVT2AA</b><br/>Manufacturers: NXP<br/>Description: I.MX 6DUALPLUS MPU 2X ARM CORTE<br/>In stock: 1472 pcs</p> <p>RFQ</p>                  |
|  <p><b>MCIMX6DP6AVT1AA</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX6DP 1GHZ 624FCBGA<br/>In stock: 1133 pcs</p> <p>RFQ</p>   |  <p><b>MCIMX6DP4AVT8AAR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6 SERIES 32-BIT MPU DUAL A<br/>In stock: 1890 pcs</p> |
|  <p><b>MCIMX6DP5EYM1AB</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX6DP ENHAN 624FCBGA<br/>In stock: 1500 pcs</p> <p>RFQ</p>  |  <p><b>MCIMX6DP4AVT1AA</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX6DP 1GHZ 624FCBGA<br/>In stock: 1435 pcs</p> <p>RFQ</p>                     |

