



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MCIMX6DP4AVT8AAR

|                     |                                          |
|---------------------|------------------------------------------|
| Part Number:        | MCIMX6DP4AVT8AAR                         |
| Manufacturer/Brand: | NXP Semiconductors / Freescale           |
| Product description | I.MX 6 SERIES 32-BIT MPU DUAL A          |
| Datasheets:         | <a href="#">PDF MCIMX6DP4AVT8AAR.pdf</a> |
| Ship From           | Hong Kong                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                    |

REQUEST FOR QUOTATION

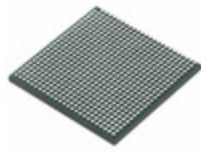
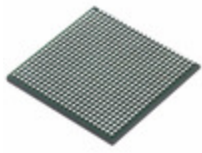
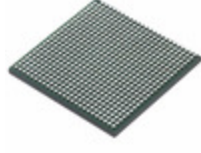
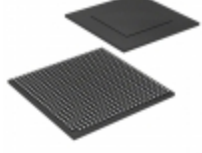
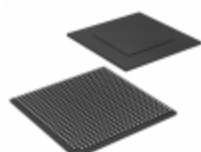
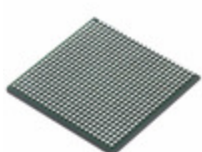
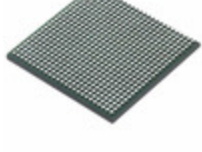
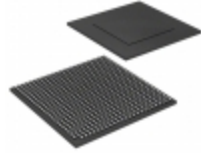
Specifications of MCIMX6DP4AVT8AAR

|                                 |                                                                 |
|---------------------------------|-----------------------------------------------------------------|
| PART NUMBER                     | MCIMX6DP4AVT8AAR                                                |
| MANUFACTURER                    | NXP Semiconductors / Freescale                                  |
| DESCRIPTION                     | I.MX 6 SERIES 32-BIT MPU DUAL A                                 |
| LEAD FREE STATUS / ROHS STATUS  |                                                                 |
| DATA SHEET                      | <a href="#">PDF MCIMX6DP4AVT8AAR.pdf</a>                        |
| VOLTAGE - I/O                   | 1.8V, 2.5V, 2.8V, 3.3V                                          |
| USB                             | USB 2.0 + PHY (3), USB 2.0 OTG + PHY (1)                        |
| SPEED                           | 852MHZ                                                          |
| SERIES                          | i.MX6DP                                                         |
| SECURITY FEATURES               | ARM TZ, A-HAB, CAAM, CSU, SJC, SNVS                             |
| SATA                            | SATA 3Gbps (1)                                                  |
| RAM CONTROLLERS                 | LPDDR2, DDR3L, DDR3                                             |
| OTHER NAMES                     | 935322521518                                                    |
| OPERATING TEMPERATURE           | -40°C ~ 125°C (TJ)                                              |
| NUMBER OF CORES/BUS WIDTH       | 2 Core, 32-Bit                                                  |
| 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 |
| CORE PROCESSOR                  | ARM® Cortex®-A9                                                 |
| CO-PROCESSORS/DSP               | Multimedia; NEON™ SIMD                                          |

Related Tags

|                                                 |                                         |                                                     |
|-------------------------------------------------|-----------------------------------------|-----------------------------------------------------|
| NXP Semiconductors / Freescale MCIMX6DP4AVT8AAR | MCIMX6DP4AVT8AAR Distributor            | MCIMX6DP4AVT8AAR Supplier                           |
| MCIMX6DP4AVT8AAR Price                          | MCIMX6DP4AVT8AAR Pictures               | MCIMX6DP4AVT8AAR Image                              |
| MCIMX6DP4AVT8AAR PDF Datasheet                  | MCIMX6DP4AVT8AAR Download Datasheet     | MCIMX6DP4AVT8AAR Datasheet                          |
| MCIMX6DP4AVT8AAR Stock                          | Buy MCIMX6DP4AVT8AAR                    | Buy NXP Semiconductors / Freescale MCIMX6DP4AVT8AAR |
| NXP Semiconductors / Freescale MCIMX6DP4AVT8AAR | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor          |
| NXP Semiconductors / Freescale MCIMX6DP4AVT8AAR | NXP Semiconductors MCIMX6DP4AVT8AAR     | Freescale MCIMX6DP4AVT8AAR                          |
| Freescale Semiconductor - NXP MCIMX6DP4AVT8AAR  | NXP USA Inc. MCIMX6DP4AVT8AAR           |                                                     |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MCIMX6DP4AVT8ABR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6DP ENHAN 624FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>   |  <div><b>MCIMX6DP4AVT1AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6DP ENHAN 624FCBGA<br/>In stock: 50 pcs<br/><a href="#">RFQ</a></div>      |
|  <div><b>MCIMX6DP5EYM1AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6DP ENHAN 624FCBGA<br/>In stock: 60 pcs<br/><a href="#">RFQ</a></div>       |  <div><b>MCIMX6DP4AVT8AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6DP 852MHZ 624FCBGA<br/>In stock: 76 pcs<br/><a href="#">RFQ</a></div>     |
|  <div><b>MCIMX6DP5EVT2AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6QP ROM PERF ENHAN<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>          |  <div><b>MCIMX6DP5EVT2AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6DUALPLUS MPU 2X ARM CORTE<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>MCIMX6DP4AVT1AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6DP 1GHZ 624FCBGA<br/>In stock: 60 pcs<br/><a href="#">RFQ</a></div>        |  <div><b>MCIMX6DP4AVT8AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6DP ENHAN 624FCBGA<br/>In stock: 60 pcs<br/><a href="#">RFQ</a></div>      |
|  <div><b>MCIMX6DP4AVT1AAR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6 SERIES 32-BIT MPU DUAL A<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>MCIMX6DP4AVT1ABR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6DP ENHAN 624FCBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>  |
|  <div><b>MCIMX6DP5EYM1AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6DP 1GHZ 624FCBGA<br/>In stock: 68 pcs<br/><a href="#">RFQ</a></div>        |  <div><b>MCIMX6DL-SDP</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KIT EVAL SABRE FOR I.MX6DL<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>         |