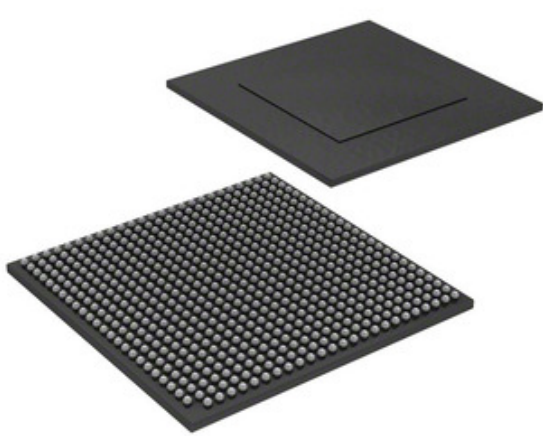




NXP Semiconductors / Freescale



MCIMX6QP5EYM1AA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX6QP5EYM1AA                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MX6QP 1GHZ 624FCBGA                                                                                 |
|                     | <a href="#">1.MCIMX6QP5EYM1AA.pdf</a>                                                                        |
|                     | <a href="#">2.MCIMX6QP5EYM1AA.pdf</a>                                                                        |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

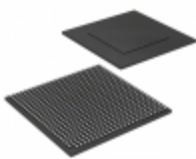
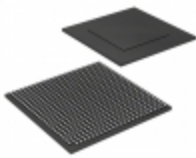
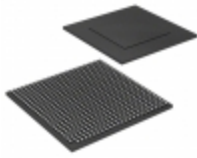
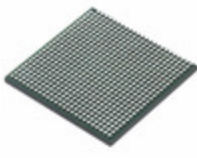
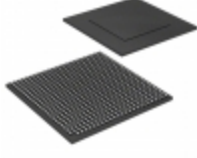
Specifications of MCIMX6QP5EYM1AA

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX6QP5EYM1AA                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                    |
| DESCRIPTION                      | IC MPU I.MX6QP 1GHZ 624FCBGA                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                        |
| DATA SHEET                       | <a href="#">1.MCIMX6QP5EYM1AA.pdf</a><br><a href="#">2.MCIMX6QP5EYM1AA.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)                                          |
| SUPPLIER DEVICE PACKAGE          | 624-FCBGA (21x21)                                                                 |
| SPEED                            | 1.0GHz                                                                            |
| SERIES                           | i.MX6QP                                                                           |
| SECURITY FEATURES                | ARM TZ, A-HAB, CAAM, CSU, SJC, SNVS                                               |
| SATA                             | SATA 3Gbps (1)                                                                    |
| RAM CONTROLLERS                  | LPDDR2, DDR3L, DDR3                                                               |
| PACKAGING                        | Tray                                                                              |
| PACKAGE / CASE                   | 624-LFBGA, FCBGA                                                                  |
| OTHER NAMES                      | 935316001557                                                                      |
| OPERATING TEMPERATURE            | -20°C ~ 105°C (TJ)                                                                |
| NUMBER OF CORES/BUS WIDTH        | 4 Core, 32-Bit                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                     |
| MANUFACTURER STANDARD LEAD TIME  | 15 Weeks                                                                          |
| 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.MX6QP 4 Core, 32-Bit 1.0GHz 624-FCBGA (21x21) |
| CORE PROCESSOR                   | ARM® Cortex®-A9                                                                   |
| CO-PROCESSORS/DSP                | Multimedia; NEON™ SIMD                                                            |
| ADDITIONAL INTERFACES            | CAN, EBI/EMI, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, S/PDIF, UART                  |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MCIMX6QP5EYM1AA | MCIMX6QP5EYM1AA Distributor             | MCIMX6QP5EYM1AA Supplier                           |
| MCIMX6QP5EYM1AA Price                          | MCIMX6QP5EYM1AA Pictures                | MCIMX6QP5EYM1AA Image                              |
| MCIMX6QP5EYM1AA PDF Datasheet                  | MCIMX6QP5EYM1AA Download Datasheet      | MCIMX6QP5EYM1AA Datasheet                          |
| MCIMX6QP5EYM1AA Stock                          | Buy MCIMX6QP5EYM1AA                     | Buy NXP Semiconductors / Freescale MCIMX6QP5EYM1AA |
| NXP Semiconductors / Freescale MCIMX6QP5EYM1AA | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor         |
| NXP Semiconductors / Freescale MCIMX6QP5EYM1AA | NXP Semiconductors MCIMX6QP5EYM1AA      | Freescale MCIMX6QP5EYM1AA                          |
| Freescale Semiconductor - NXP MCIMX6QP5EYM1AA  | NXP USA Inc. MCIMX6QP5EYM1AA            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MCIMX6QP6AVT8AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6QP ROM PERF ENHAN<br/>In stock: Out stock<br/><div>RFQ</div></div>         | <div></div> <div><b>MCIMX6QP6AVT1AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6QP 1GHZ 624FCBGA<br/>In stock: 747 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>MCIMX6QP5EVT2AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6QUADPLUS MPU 4X ARM CORTE<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MCIMX6QP6AVT8AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6QP 852MHZ 624FCBGA<br/>In stock: 60 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>MCIMX6QP4AVT8AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6QP 852MHZ 624FCBGA<br/>In stock: 60 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MCIMX6QP6AVT1AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6QP ROM PERF ENHAN<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
| <div></div> <div><b>MCIMX6QP5EYM1AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6QP ENHAN 624FCBGA<br/>In stock: 67 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MCIMX6QP4AVT1AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6QP ROM PERF ENHAN<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
| <div></div> <div><b>MCIMX6QP4AVT8AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6QP ROM PERF ENHAN<br/>In stock: Out stock<br/><div>RFQ</div></div>         | <div></div> <div><b>MCIMX6QP5EVT2AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6QP ROM PERF ENHAN<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
| <div></div> <div><b>MCIMX6QP4AVT1AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6QP 1GHZ 624FCBGA<br/>In stock: 87 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>MCIMX6QP6AVT1AAR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6 SERIES 32-BIT MPU QUAD A<br/>In stock: Out stock<br/><div>RFQ</div></div> |