**NXP Semiconductors / Freescale**

Image may be representation. See specifications for product details.

# MCIMX6QP5EYM1AA

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|---|---|
| Part Number: | MCIMX6QP5EYM1AA |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | IC MPU I.MX6QP 1GHZ 624FCBGA |
| Datasheets: | |
| RoHs Status | Lead free / RoHS Compliant |
| Stock Condition | 1399 pcs stock |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

**REQUEST FOR QUOTATION**

## Specifications of MCIMX6QP5EYM1AA

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|---|---|
| PART NUMBER | MCIMX6QP5EYM1AA |
| MANUFACTURER | NXP Semiconductors / Freescale |
| DESCRIPTION | IC MPU I.MX6QP 1GHZ 624FCBGA |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 1399 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 | 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) |
| 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

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## Related Products

**MCIMX6QP4AVT1AB**
Manufacturers: NXP
Description: I.MX 6QP ROM PERF ENHAN
In stock: 1117 pcs
RFQ

**MCIMX6QP6AVT8AB**
Manufacturers: NXP
Description: I.MX 6QP ROM PERF ENHAN
In stock: 1180 pcs
RFQ

**MCIMX6QP4AVT8AB**
Manufacturers: NXP
Description: I.MX 6QP ROM PERF ENHAN
In stock: 1218 pcs
RFQ

**MCIMX6QP5EYM1AB**
Manufacturers: NXP
Description: IC MPU I.MX6QP ENHAN 624FCBGA
In stock: 1452 pcs
RFQ

**MCIMX6QP5EVT2AB**
Manufacturers: NXP
Description: I.MX 6QP ROM PERF ENHAN
In stock: 1358 pcs
RFQ

**MCIMX6QP6AVT8AA**
Manufacturers: NXP
Description: IC MPU I.MX6QP 852MHZ 624FCBGA
In stock: 1190 pcs
RFQ

**MCIMX6QP6AVT1AA**
Manufacturers: NXP
Description: IC MPU I.MX6QP 1GHZ 624FCBGA
In stock: 1123 pcs
RFQ

**MCIMX6QP4AVT8AA**
Manufacturers: NXP
Description: IC MPU I.MX6QP 852MHZ 624FCBGA
In stock: 1185 pcs
RFQ

**MCIMX6QP6AVT1AB**
Manufacturers: NXP
Description: I.MX 6QP ROM PERF ENHAN
In stock: 1065 pcs
RFQ

**MCIMX6QP4AVT1AA**
Manufacturers: NXP
Description: IC MPU I.MX6QP 1GHZ 624FCBGA
In stock: 1197 pcs
RFQ

**MCIMX6QP5EVT2AA**
Manufacturers: NXP
Description: I.MX 6QUADPLUS MPU 4X ARM CORTE
In stock: 1316 pcs
RFQ

**MCIMX6QP6AVT1AAR**
Manufacturers: NXP Semiconductors / Freescale
Description: I.MX 6 SERIES 32-BIT MPU QUAD A
In stock: 1278 pcs
RFQ