

NXP Semiconductors / Freescale

MCIMX6G3CVM05AA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX6G3CVM05AA                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MC6UL 528MHZ 289BGA                                                                                 |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5420 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

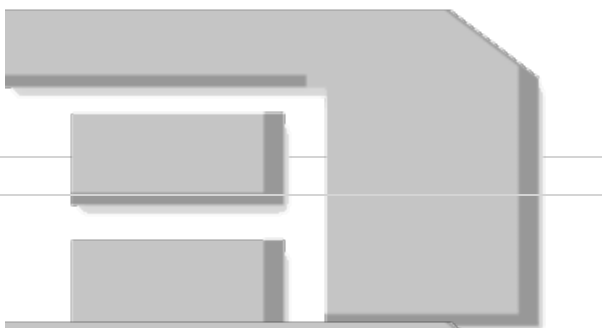
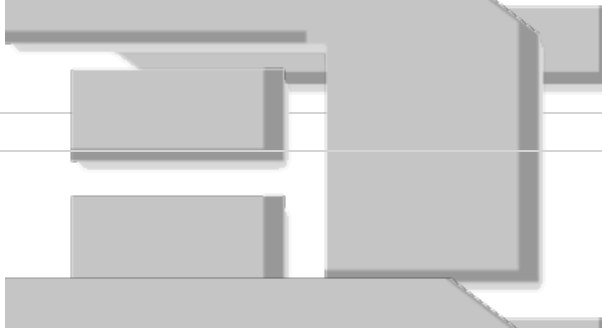
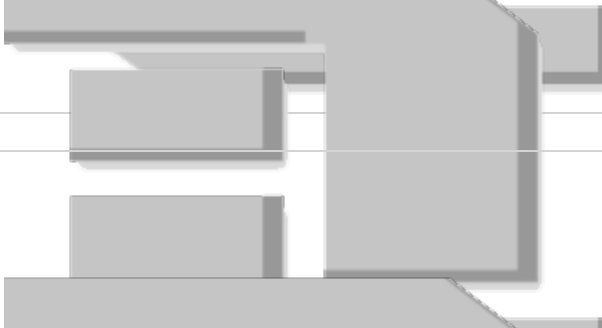
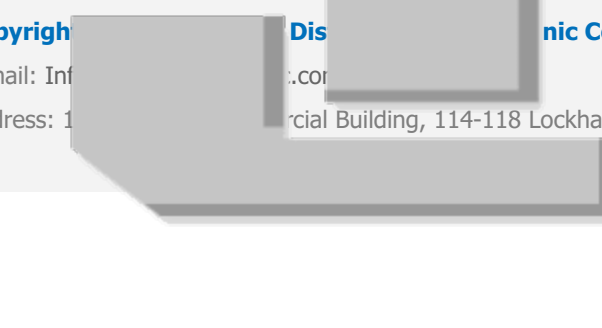
Specifications of MCIMX6G3CVM05AA

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX6G3CVM05AA                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | IC MPU I.MC6UL 528MHZ 289BGA                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| QUANTITY AVAILABLE               | 5420 pcs                                                                           |
| DATA SHEET                       |                                                                                    |
| VOLTAGE - I/O                    | 1.2V, 1.35V, 1.5V, 1.8V, 2.5V, 2.8V, 3.3V                                          |
| USB                              | USB 2.0 + PHY (2)                                                                  |
| SUPPLIER DEVICE PACKAGE          | 289-MAPBGA (14x14)                                                                 |
| SPEED                            | 528MHz                                                                             |
| SERIES                           | i.MX6UL                                                                            |
| SECURITY FEATURES                | ARM TZ, A-HAB, CAAM, CSU, SJC, SNVS                                                |
| SATA                             | -                                                                                  |
| RAM CONTROLLERS                  | LPDDR2, DDR3, DDR3L                                                                |
| PACKAGING                        | Tray                                                                               |
| PACKAGE / CASE                   | 289-LFBGA                                                                          |
| OTHER NAMES                      | 935312036557                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TJ)                                                                 |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| GRAPHICS ACCELERATION            | No                                                                                 |
| ETHERNET                         | 10/100 Mbps (2)                                                                    |
| DISPLAY & INTERFACE CONTROLLERS  | LCD, LVDS                                                                          |
| DETAILED DESCRIPTION             | ARM® Cortex®-A7 Microprocessor IC i.MX6UL 1 Core, 32-Bit 528MHz 289-MAPBGA (14x14) |
| CORE PROCESSOR                   | ARM® Cortex®-A7                                                                    |
| CO-PROCESSORS/DSP                | Multimedia; NEON™ SIMD                                                             |
| ADDITIONAL INTERFACES            | CAN, EBI/EMI, I²C, I²S, MMC/SD/SDIO, QSPI, SAI, SPI, SSI, S/PDIF, UART             |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MCIMX6G3CVM05AA               | MCIMX6G3CVM05AA Distributor        | MCIMX6G3CVM05AA Supplier  |
| MCIMX6G3CVM05AA Price         | MCIMX6G3CVM05AA Pictures           | MCIMX6G3CVM05AA Image     |
| MCIMX6G3CVM05AA PDF Datasheet | MCIMX6G3CVM05AA Download Datasheet | MCIMX6G3CVM05AA Datasheet |
| MCIMX6G3CVM05AA Stock         | Buy MCIMX6G3CVM05AA                | Buy MCIMX6G3CVM05AA       |
| MCIMX6G3CVM05AA               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                           |                                                                                      |                                                                                                                        |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
|  | <b>MCIMX6G3DVM05AB</b><br>Manufacturers: NXP<br>Description: IC MPU I.MC6UL 528MHZ 289BGA<br>In stock: 5795 pcs<br>RFQ    |  | <b>MCIMX6G2DVK05AB</b><br>Manufacturers: NXP<br>Description: IC MPU I.MC6UL 528MHZ 272BGA<br>In stock: 8383 pcs<br>RFQ |
|  | <b>MCIMX6G3DVK05AB</b><br>Manufacturers: NXP<br>Description: IC MPU I.MC6UL 528MHZ 272BGA<br>In stock: 7529 pcs<br>RFQ    |  | <b>MCIMX6G2DVK05AA</b><br>Manufacturers: NXP<br>Description: IC MPU I.MC6UL 528MHZ 272BGA<br>In stock: 4448 pcs<br>RFQ |
|  | <b>MCIMX6L2DVN10AA</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX6SL 1.0GHZ 432MAPBGA<br>In stock: 4468 pcs<br>RFQ |  | <b>MCIMX6G2DVM05AA</b><br>Manufacturers: NXP<br>Description: IC MPU I.MC6UL 528MHZ 289BGA<br>In stock: 6274 pcs<br>RFQ |
|  | <b>MCIMX6G3DVM05AA</b><br>Manufacturers: NXP<br>Description: IC MPU I.MC6UL 528MHZ 289BGA<br>In stock: 5988 pcs<br>RFQ    |  | <b>MCIMX6G2DVM05AB</b><br>Manufacturers: NXP<br>Description: IC MPU I.MC6UL 528MHZ 289BGA<br>In stock: 6253 pcs<br>RFQ |
|  | <b>MCIMX6G3CVK05AA</b><br>Manufacturers: NXP<br>Description: IC MPU I.MC6UL 528MHZ 272BGA<br>In stock: 6525 pcs<br>RFQ    |  | <b>MCIMX6G3CVM05AB</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX6UL 289BGA<br>In stock: 6102 pcs<br>RFQ        |
|  | <b>MCIMX6G3DVK05AA</b><br>Manufacturers: NXP<br>Description: IC MPU I.MC6UL 528MHZ 272BGA<br>In stock: 5604 pcs<br>RFQ    |  | <b>MCIMX6G3CVK05AB</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX6UL 272BGA<br>In stock: 7214 pcs<br>RFQ        |