

NXP Semiconductors / Freescale

MCIMX6G0DVM05AB

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX6G0DVM05AB                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MX6UL 289BGA                                                                                        |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 10911 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

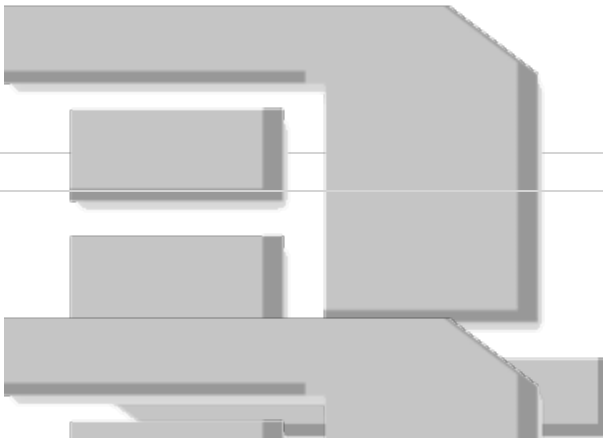
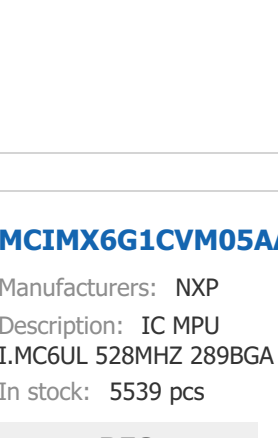
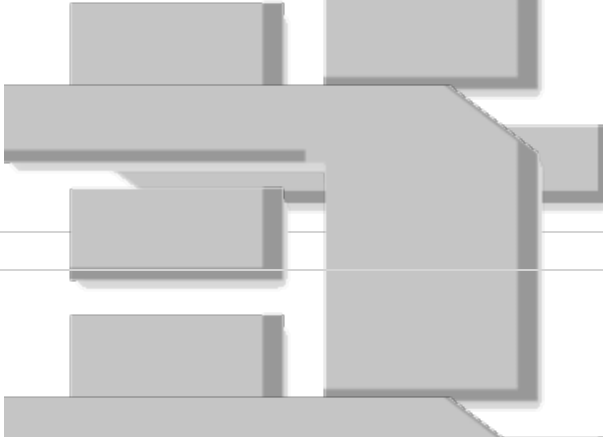
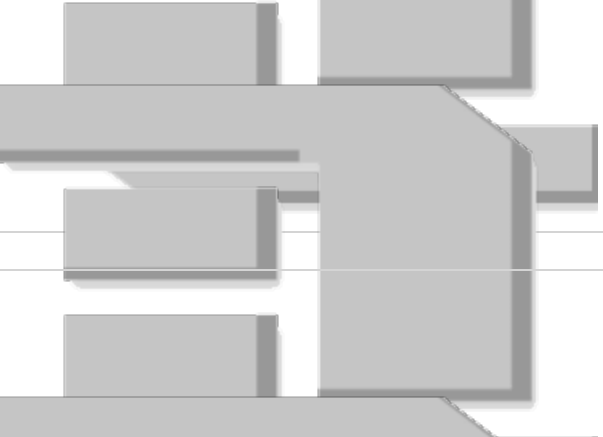
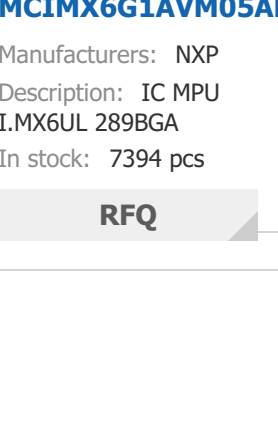
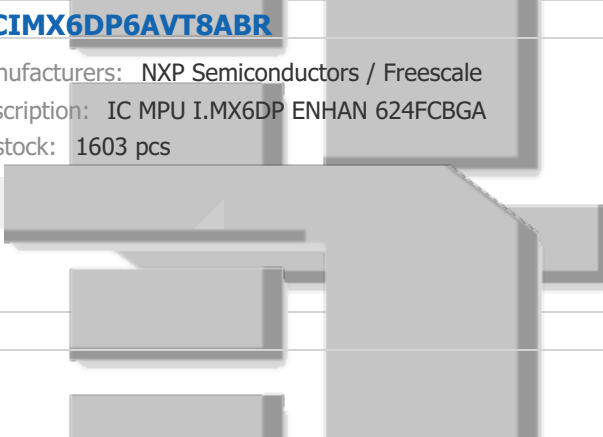
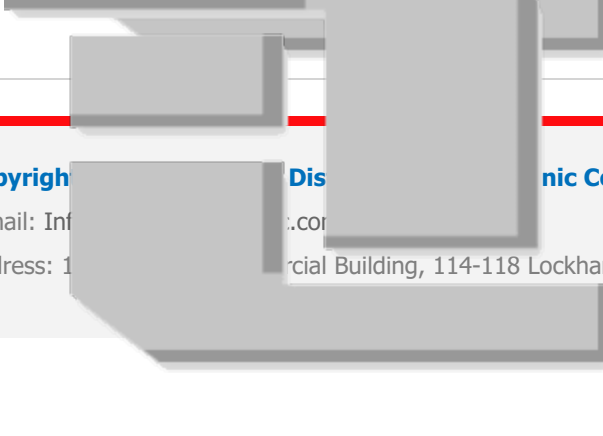
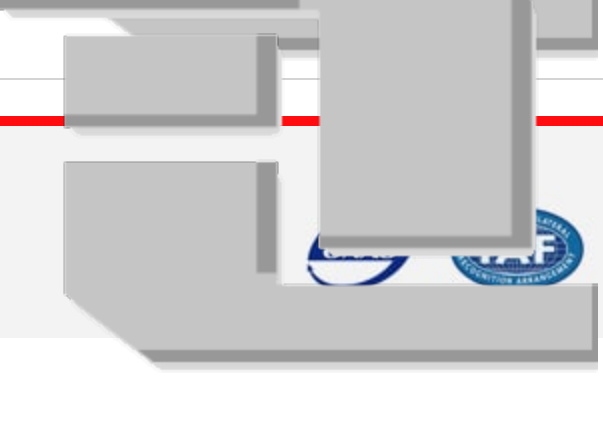
Specifications of MCIMX6G0DVM05AB

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| PART NUMBER                      | MCIMX6G0DVM05AB                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                    |
| DESCRIPTION                      | IC MPU I.MX6UL 289BGA                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                        |
| QUANTITY AVAILABLE               | 10911 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 (1)                                                 |
| SPEED                            | 528MHz                                                            |
| SERIES                           | i.MX6UL                                                           |
| SECURITY FEATURES                | ARM TZ, A-HAB, CAAM, CSU, SJC, SNVS                               |
| SATA                             | -                                                                 |
| RAM CONTROLLERS                  | LPDDR2, DDR3, DDR3L                                               |
| OTHER NAMES                      | 935346149557                                                      |
| OPERATING TEMPERATURE            | 0°C ~ 95°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 (1)                                                   |
| DISPLAY & INTERFACE CONTROLLERS  | LVDS                                                              |
| DETAILED DESCRIPTION             | ARM® Cortex®-A7 Microprocessor IC i.MX6UL 1 Core, 32-Bit 528MHz   |
| CORE PROCESSOR                   | ARM® Cortex®-A7                                                   |
| CO-PROCESSORS/DSP                | Multimedia; NEON™ SIMD                                            |
| ADDITIONAL INTERFACES            | EBI/EMI, I²C, I²S, MMC/SD/SDIO, QSPI, SAI, SPI, SSI, S/PDIF, UART |

Related Tags

|                               |                                    |                           |
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| MCIMX6G0DVM05AB               | MCIMX6G0DVM05AB Distributor        | MCIMX6G0DVM05AB Supplier  |
| MCIMX6G0DVM05AB Price         | MCIMX6G0DVM05AB Pictures           | MCIMX6G0DVM05AB Image     |
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Related Products

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                |                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>MCIMX6G1AVM07AB</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX6UL 289BGA<br/>In stock: 7623 pcs</p> <p>RFQ</p>                          |  <p><b>MCIMX6DP6AVT8AAR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6 SERIES 32-BIT MPU DUAL A<br/>In stock: 1658 pcs</p>  |  <p><b>MCIMX6G1CVM05AA</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MC6UL 528MHZ 289BGA<br/>In stock: 5539 pcs</p> <p>RFQ</p> |
|  <p><b>MCIMX6DP6AVT8AB</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX6DP ENHAN 624FCBGA<br/>In stock: 1247 pcs</p> <p>RFQ</p>                  |  <p><b>MCIMX6G0DVM05ABR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 32-BIT MPU ARM CORTEX-A7 C<br/>In stock: 15176 pcs</p> |  <p><b>MCIMX6G1AVM05AB</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX6UL 289BGA<br/>In stock: 5539 pcs</p> <p>RFQ</p>        |
|  <p><b>MCIMX6DP6AVT8ABR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6DP ENHAN 624FCBGA<br/>In stock: 1603 pcs</p> |  <p><b>MCIMX6G0DVM05AA</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MC6UL 528MHZ 289BGA<br/>In stock: 3382 pcs</p> <p>RFQ</p>                       |  <p><b>MCIMX6G1AVM05AA</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MC6UL 528MHZ 289BGA<br/>In stock: 3190 pcs</p> <p>RFQ</p> |
|  <p><b>MCIMX6DP7CVT8AA</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX6DP 800MHZ 624FCBGA<br/>In stock: 1491 pcs</p> <p>RFQ</p>                 |  <p><b>MCIMX6DP7CVT8AB</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX6DP ENHAN 624FCBGA<br/>In stock: 1412 pcs</p> <p>RFQ</p>                     |                                                                                                                                                                                                                            |