

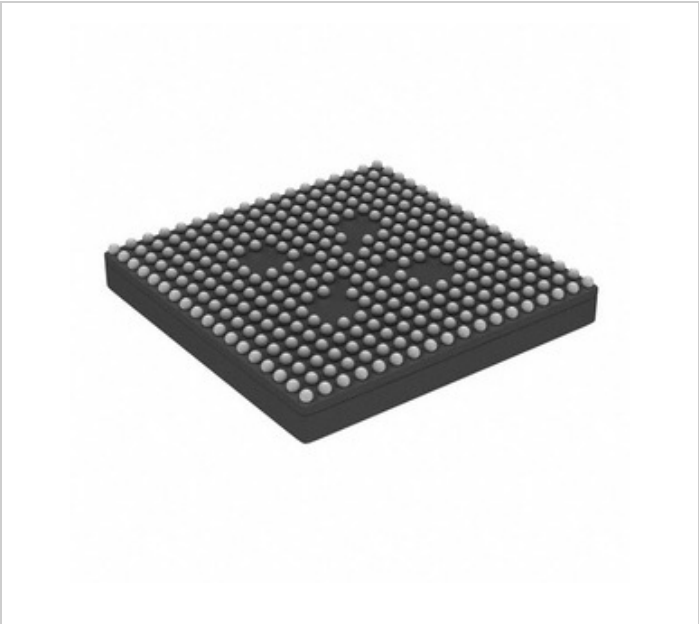


Image may be representation. See specifications for product details.

MCIMX6G2CVK05AA

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX6G2CVK05AA                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                        |
| Product description | IC MPU I.MC6UL 528MHZ 272BGA                                                                                          |
| Datasheets:         |  <a href="#">MCIMX6G2CVK05AA.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

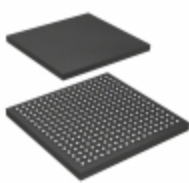
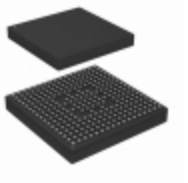
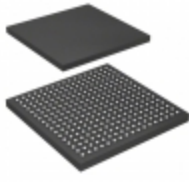
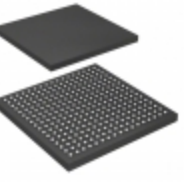
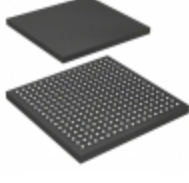
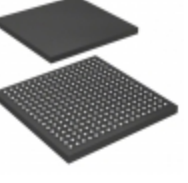
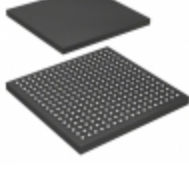
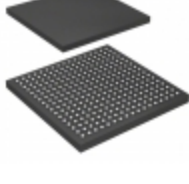
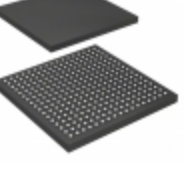
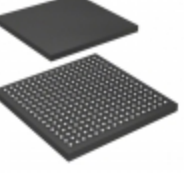
Specifications of MCIMX6G2CVK05AA

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX6G2CVK05AA                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                          |
| DESCRIPTION                      | IC MPU I.MC6UL 528MHZ 272BGA                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       |  <a href="#">MCIMX6G2CVK05AA.pdf</a> |
| 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          | 272-MAPBGA (9x9)                                                                                                        |
| 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                   | 272-LFBGA                                                                                                               |
| OTHER NAMES                      | 935322295557                                                                                                            |
| 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 272-MAPBGA (9x9)                                        |
| 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

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MCIMX6G2CVK05AA | MCIMX6G2CVK05AA Distributor             | MCIMX6G2CVK05AA Supplier                           |
| MCIMX6G2CVK05AA Price                          | MCIMX6G2CVK05AA Pictures                | MCIMX6G2CVK05AA Image                              |
| MCIMX6G2CVK05AA PDF Datasheet                  | MCIMX6G2CVK05AA Download Datasheet      | MCIMX6G2CVK05AA Datasheet                          |
| MCIMX6G2CVK05AA Stock                          | Buy MCIMX6G2CVK05AA                     | Buy NXP Semiconductors / Freescale MCIMX6G2CVK05AA |
| NXP Semiconductors / Freescale MCIMX6G2CVK05AA | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor         |
| NXP Semiconductors / Freescale MCIMX6G2CVK05AA | NXP Semiconductors MCIMX6G2CVK05AA      | Freescale MCIMX6G2CVK05AA                          |
| Freescale Semiconductor - NXP MCIMX6G2CVK05AA  | NXP USA Inc. MCIMX6G2CVK05AA            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MCIMX6G2AVM07AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MC6UL 696MHZ 289BGA<br/>In stock: 20 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MCIMX6G2DVK05AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MC6UL 528MHZ 272BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MCIMX6G2CVM05AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MC6UL 528MHZ 289BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MCIMX6G2DVM05AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MC6UL 528MHZ 289BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MCIMX6G2AVM05AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MC6UL 528MHZ 289BGA<br/>In stock: 891 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MCIMX6G1CVM05ABR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 32-BIT MPU ARM CORTEX-A7 C<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCIMX6G1CVM05AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6UL 289BGA<br/>In stock: 142 pcs<br/><div>RFQ</div></div>          | <div></div> <div><b>MCIMX6G2CVK05AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MC6UL 528MHZ 289BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MCIMX6G2AVM05AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MC6UL 528MHZ 289BGA<br/>In stock: 142 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MCIMX6G2AVM07AA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MC6UL 696MHZ 289BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MCIMX6G2DVK05AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MC6UL 528MHZ 272BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MCIMX6G2CVM05AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6UL 289BGA<br/>In stock: 644 pcs<br/><div>RFQ</div></div>              |