

MCIMX6Y2DVM09AA



Part Number: [MCIMX6Y2DVM09AA](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: I.MX 6ULL 900 MHZ CONSUMER W/O E

Data sheet:  [MCIMX6YxD Datasheet](#)

RoHs Status:

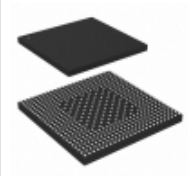
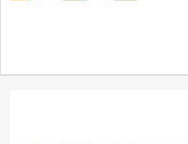
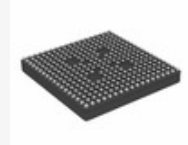
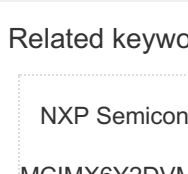
Ship From: Hong Kong

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                  |                                 |                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MCIMX6Y2DVM09AA                                                                  | Manufacturer                    | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | I.MX 6ULL 900 MHZ CONSUMER W/O E                                                 | Lead Free Status / RoHS Status  |                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5709 pcs                                                                         | Data sheet                      | <a href="#">MCIMX6YxD Datasheet</a>            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                        | Voltage - I/O                   | 1.8V, 2.8V, 3.3V                               |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USB 2.0 OTG + PHY (2)                                                            | Supplier Device Package         | 289-MAPBGA (14x14)                             |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 900MHz                                                                           | Series                          | i.MX6                                          |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A-HAB, ARM TZ, CSU, SJC, SNVS                                                    | SATA                            | -                                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LPDDR2, DDR3, DDR3L                                                              | Packaging                       | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 289-LFBGA                                                                        | Other Names                     | 568-13379<br>935346022557                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0°C ~ 95°C (TJ)                                                                  | Number of Cores/Bus Width       | 1 Core, 32-Bit                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                                                                    | Graphics Acceleration           | No                                             |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10/100 Mbps (2)                                                                  | Display & Interface Controllers | Electrophoretic, LCD                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ARM® Cortex®-A7 Microprocessor IC i.MX6 1 Core, 32-Bit 900MHz 289-MAPBGA (14x14) | Core Processor                  | ARM® Cortex®-A7                                |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Multimedia; NEON™ MPE                                                            |                                 |                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 5709 pieces of NXP Semiconductors / Freescale MCIMX6Y2DVM09AA in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                  |                                 |                                                |

| RELATED PRODUCTS                                                                   |                                                                                          |                                                               |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCIMX7D3DVK10SC</a><br>Description: NO EPDC, 2 ETH, NO CAN, 2 OTG 1   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y2DVK09AB</a><br>Description: I.MX6ULL ROM PERF ENHAN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y2CVM05AA</a><br>Description: I.MX 32-BIT MPU ARM CORTEX-A7 C   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D2DVK12SD</a><br>Description: MPU I.MX 7D 1.2GHZ 12X12 MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D2DVM12SD</a><br>Description: MPU I.MX 7D 1.2GHZ 19X19 MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y2CVM08AA</a><br>Description: I.MX 6ULL 800 MHZ INDUSTRIAL      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y2DVM09AB</a><br>Description: I.MX6ULL ROM PERF ENHAN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y2DVM05AA</a><br>Description: I.MX 32-BIT MPU, ARM CORTEX-A7 C  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y2DVM05AB</a><br>Description: I.MX6ULL ROM PERF ENHAN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y7DVM09AB</a><br>Description: I.MX6ULL ROM PERF ENHAN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y2CVM05AAR</a><br>Description: I.MX 32-BIT MPU, ARM CORTEX-A7 C | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y2CVM05AB</a><br>Description: I.MX6ULL ROM PERF ENHAN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D2DVM12SC</a><br>Description: I.MX 7D 1.2 GHZ 19X19 MAPBGA      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y7DVK05AB</a><br>Description: I.MX6ULL ROM PERF ENHAN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y7DVM09AA</a><br>Description: I.MX 6ULL 900 MHZ CONSUMER WITH   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y2CVK08AB</a><br>Description: I.MX6ULL ROM PERF ENHAN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D2DVK12SC</a><br>Description: I.MX 7D 1.2 GHZ 12X12 MAPBGA      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y2DVM05AAR</a><br>Description: I.MX 32-BIT MPU ARM CORTEX-A7 C  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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