

MCIMX6Y2DVM05AAR



Part Number: [MCIMX6Y2DVM05AAR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: I.MX 32-BIT MPU ARM CORTEX-A7 C

Data sheet:

RoHs Status:

Ship From: Hong Kong

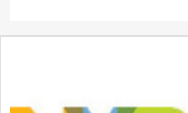
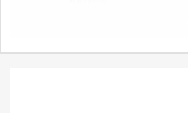
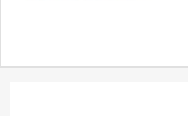
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| PRODUCT PARAMETER               |                                           |                                  |                                                               |
|---------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------|
| Part Number                     | MCIMX6Y2DVM05AAR                          | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                |
| Description                     | I.MX 32-BIT MPU ARM CORTEX-A7 C           | Lead Free Status / RoHS Status   |                                                               |
| Quantity Available              | 14953 pcs                                 | Data sheet                       |                                                               |
| Category                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - I/O                    | 1.8V, 2.8V, 3.3V                                              |
| USB                             | USB 2.0 OTG + PHY (2)                     | Speed                            | 528MHz                                                        |
| Series                          | i.MX6                                     | Security Features                | A-HAB, ARM TZ, CSU, SJC, SNVS                                 |
| SATA                            | -                                         | RAM Controllers                  | LPDDR2, DDR3, DDR3L                                           |
| Other Names                     | 935313074518                              | 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 528MHz |
| Core Processor                  | ARM® Cortex®-A7                           | Co-Processors/DSP                | Multimedia; NEON™ MPE                                         |

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|  | 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="#">MCIMX6Y1DVM05AB</a><br>Description: I.MX6ULL ROM PERF ENHAN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | 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="#">MCIMX6Y2DVM09AB</a><br>Description: I.MX6ULL ROM PERF ENHAN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MCIMX6Y2DVM09AA</a><br>Description: I.MX 6ULL 900 MHZ CONSUMER W/O E  | 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="#">MCIMX6Y7DVK05AB</a><br>Description: I.MX6ULL ROM PERF ENHAN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y1DVM05AA</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="#">MCIMX6Y2CVM08AA</a><br>Description: I.MX 6ULL 800 MHZ INDUSTRIAL      | 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="#">MCIMX6Y7DVK05AA</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="#">MCIMX6Y2CVM05AAR</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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