

MIMXRT1052DVL6A



Images are for reference only.  
See Product Specifications for product details.  
**Buy MIMXRT1052DVL6A with confidence from Component-World.HK, 1 Year Warranty**

**Part Number:** [MIMXRT1052DVL6A](#)

**Manufacturer:** [NXP Semiconductors / Freescale](#)

**Description:** I.MXRT1050

**Data sheet:**  [I.MXRT1050 Features and Benefits](#)  
 [IMXRT1050 Consumer Datasheet](#)

**RoHs Status:**

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                              |                                  |                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MIMXRT1052DVL6A                                                              | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I.MXRT1050                                                                   | Lead Free Status / RoHS Status   |                                                                                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 18709 pcs                                                                    | Data sheet                       | <a href="#">I.MXRT1050 Features and Benefits</a><br><a href="#">IMXRT1050 Consumer 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          | 196-MAPBGA (10x10)                                                                               |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 600MHz                                                                       | Series                           | -                                                                                                |
| SATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                            | RAM Controllers                  | SDRAM                                                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tray                                                                         | Package / Case                   | 196-LFBGA                                                                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 568-13515<br>935351124557<br>MIMXRT1052DVL6A-ND                              | Operating Temperature            | 0°C ~ 95°C (TJ)                                                                                  |
| Number of Cores/Bus Width                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 Core, 32-Bit                                                               | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12 Weeks                                                                     | Graphics Acceleration            | Yes                                                                                              |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10/100 Mbps (1)                                                              | Display & Interface Controllers  | LCD                                                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ARM® Cortex®-M7 Microprocessor IC - 1 Core, 32-Bit 600MHz 196-MAPBGA (10x10) | Core Processor                   | ARM® Cortex®-M7                                                                                  |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                            |                                  |                                                                                                  |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 18709 pieces of NXP Semiconductors / Freescale MIMXRT1052DVL6A 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="#">MIMX31CSOMXR</a><br>Description: MODULE CARD I.MX31                  | Manufacturers: <a href="#">Logic PD, Inc.</a>                 | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMX8MQ5DVAJZAA</a><br>Description: I.MX 8M QUADLITE, ARM CORTEX-A53 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1052DVL6B</a><br>Description: I.MXRT1050 A1                    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1051CVL5A</a><br>Description: I.MXRT1050                       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1021CAF4A</a><br>Description: I.MXRT1020 100LQFP               | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1021DAF5A</a><br>Description: I.MXRT1020 100LQFP               | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMX8MQ6DVAJZAA</a><br>Description: I.MX 8MQUAD 17X17 NO LID         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMX8MQ6CVAHZAA</a><br>Description: I.MX 8MQUAD 17X17 NO LID         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1020-EVK</a><br>Description: EVAL BOARD FOR I.MX RT1020        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMX8MQ5CVAHZAA</a><br>Description: I.MX 8MQUAD LT 17X17 NOL         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1052CVL5A</a><br>Description: I.MXRT1050                       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMX8MD6CVAHZAA</a><br>Description: I.MX 8MDUAL 17X17 NO LID         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1052CVL5B</a><br>Description: I.MXRT1050 A1                    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1021DAG5A</a><br>Description: I.MXRT1020 144LQFP               | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1051CVL5B</a><br>Description: I.MXRT1050 A1                    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMX8MD6DVAJZAA</a><br>Description: I.MX 8MDUAL 17X17 NO LID         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1051DVL6A</a><br>Description: I.MXRT1050                       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1051DVL6B</a><br>Description: I.MXRT1050 A1                    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1050-EVK</a><br>Description: EVAL BOARD FOR I.MX RT1050        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MIMXRT1021CAG4A</a><br>Description: I.MXRT1020 144LQFP               | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |

| Related keywords for MIMXRT1052DVL6A |                                    |                                    |                              |
|--------------------------------------|------------------------------------|------------------------------------|------------------------------|
| NXP Semiconductors / Freescale       | MIMXRT1052DVL6A distributor        | MIMXRT1052DVL6A supplier           | MIMXRT1052DVL6A price        |
| MIMXRT1052DVL6A                      | MIMXRT1052DVL6A download datasheet | MIMXRT1052DVL6A datasheet          | MIMXRT1052DVL6A stock        |
| buy MIMXRT1052DVL6A                  | NXP Semiconductors / Freescale     | NXP Semiconductors MIMXRT1052DVL6A | Freescale MIMXRT1052DVL6A    |
|                                      | MIMXRT1052DVL6A                    | Freescale Semiconductor - NXP      | NXP USA Inc. MIMXRT1052DVL6A |
|                                      |                                    | MIMXRT1052DVL6A                    |                              |