

NXP Semiconductors / Freescale

MIMXRT1052CVL5A

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | MIMXRT1052CVL5A                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | I.MXRT1050                     |
| Datasheets:         |                                |
| Stock Condition     | 15948 pcs stock                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

Specifications of MIMXRT1052CVL5A

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| PART NUMBER                      | MIMXRT1052CVL5A                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                               |
| DESCRIPTION                      | I.MXRT1050                                                                   |
| LEAD FREE STATUS / ROHS STATUS   |                                                                              |
| QUANTITY AVAILABLE               | 15948 pcs                                                                    |
| DATA SHEET                       |                                                                              |
| VOLTAGE - I/O                    | 1.8V, 2.8V, 3.3V                                                             |
| USB                              | USB 2.0 OTG + PHY (2)                                                        |
| SUPPLIER DEVICE PACKAGE          | 196-MAPBGA (10x10)                                                           |
| SPEED                            | 528MHz                                                                       |
| SERIES                           | -                                                                            |
| SATA                             | -                                                                            |
| RAM CONTROLLERS                  | SDRAM                                                                        |
| PACKAGING                        | Tray                                                                         |
| PACKAGE / CASE                   | 196-LFBGA                                                                    |
| OTHER NAMES                      | 568-13516<br>935351123557<br>MIMXRT1052CVL5A-ND                              |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TJ)                                                           |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                |
| GRAPHICS ACCELERATION            | Yes                                                                          |
| ETHERNET                         | 10/100 Mbps (1)                                                              |
| DISPLAY & INTERFACE CONTROLLERS  | LCD                                                                          |
| DETAILED DESCRIPTION             | ARM® Cortex®-M7 Microprocessor IC - 1 Core, 32-Bit 528MHz 196-MAPBGA (10x10) |
| CORE PROCESSOR                   | ARM® Cortex®-M7                                                              |
| CO-PROCESSORS/DSP                | -                                                                            |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MIMXRT1052CVL5A               | MIMXRT1052CVL5A Distributor        | MIMXRT1052CVL5A Supplier  |
| MIMXRT1052CVL5A Price         | MIMXRT1052CVL5A Pictures           | MIMXRT1052CVL5A Image     |
| MIMXRT1052CVL5A PDF Datasheet | MIMXRT1052CVL5A Download Datasheet | MIMXRT1052CVL5A Datasheet |
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| MIMXRT1052CVL5A               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                               |                                                                                      |                                                                                                                    |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
|  | <b>MIMXRT1021DAF5A</b><br>Manufacturers: NXP<br>Description: I.MXRT1020 100LQFP<br>In stock: 12314 pcs<br>RFQ |  | <b>MIMXRT1052DVL6B</b><br>Manufacturers: NXP<br>Description: I.MXRT1050 A1<br>In stock: 10558 pcs<br>RFQ           |
|  | <b>MIMXRT1051DVL6A</b><br>Manufacturers: NXP<br>Description: I.MXRT1050<br>In stock: 8721 pcs<br>RFQ          |  | <b>MIMXRT1050-EVK</b><br>Manufacturers: NXP<br>Description: EVAL BOARD FOR I.MX RT1050<br>In stock: 994 pcs<br>RFQ |
|  | <b>MIMXRT1051CVL5A</b><br>Manufacturers: NXP<br>Description: I.MXRT1050<br>In stock: 8888 pcs<br>RFQ          |  | <b>MIMXRT1021DAG5A</b><br>Manufacturers: NXP<br>Description: I.MXRT1020 144LQFP<br>In stock: 12195 pcs<br>RFQ      |
|  | <b>MIMXRT1051DVL6B</b><br>Manufacturers: NXP<br>Description: I.MXRT1050 A1<br>In stock: 10474 pcs<br>RFQ      |  | <b>MIMXRT1021CAF4A</b><br>Manufacturers: NXP<br>Description: I.MXRT1020 100LQFP<br>In stock: 11960 pcs<br>RFQ      |
|  | <b>MIMXRT1051CVL5B</b><br>Manufacturers: NXP<br>Description: I.MXRT1050 A1<br>In stock: 9137 pcs<br>RFQ       |  | <b>MIMXRT1052CVL5B</b><br>Manufacturers: NXP<br>Description: I.MXRT1050 A1<br>In stock: 9506 pcs<br>RFQ            |
|  | <b>MIMXRT1021CAG4A</b><br>Manufacturers: NXP<br>Description: I.MXRT1020 144LQFP<br>In stock: 10877 pcs<br>RFQ |  | <b>MIMXRT1052DVL6A</b><br>Manufacturers: NXP<br>Description: I.MXRT1050<br>In stock: 15277 pcs<br>RFQ              |