



### MIMXRT1052CVL5A

Part Number: **MIMXRT1052CVL5A**  
 Product Description: I.MXRT1050  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

Manufacturer/Brand: NXP Semiconductors / Freescale  
 Ship From: Hong Kong  
 Datasheets: [1.MIMXRT1052CVL5A.pdf](#)  
[2.MIMXRT1052CVL5A.pdf](#)

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#### Product details

<b>Part Number</b>	MIMXRT1052CVL5A	<b>Manufacturer</b>	NXP Semiconductors / Freescale
<b>Description</b>	I.MXRT1050	<b>Lead Free Status / RoHS Status</b>	
<b>Data sheet</b>	1.MIMXRT1052CVL5A.pdf2.MIMXRT1052CVL5A.pdf		
<b>Voltage - I/O</b>	1.8V, 2.8V, 3.3V	<b>USB</b>	USB 2.0 OTG + PHY (2)
<b>Supplier Device Package</b>	196-MAPBGA (10x10)	<b>Speed</b>	528MHz
<b>Series</b>	-	<b>SATA</b>	-
<b>RAM Controllers</b>	SDRAM	<b>Packaging</b>	Tray
<b>Package / Case</b>	196-LFBGA	<b>Other Names</b>	568-13516 935351123557 MIMXRT1052CVL5A-ND
<b>Operating Temperature</b>	-40°C ~ 105°C (TJ)	<b>Number of Cores/Bus Width</b>	1 Core, 32-Bit
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Manufacturer Standard Lead Time</b>	12 Weeks
<b>Graphics Acceleration</b>	Yes	<b>Ethernet</b>	10/100 Mbps (1)
<b>Display &amp; Interface Controllers</b>	LCD	<b>Detailed Description</b>	ARM® Cortex®-M7 Microprocessor IC - 1 Core, 32-Bit 528MHz 196-MAPBGA (10x10)
<b>Core Processor</b>	ARM® Cortex®-M7	<b>Co-Processors/DSP</b>	-

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<p><b>MIMXRT1021CAF4A</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: I.MXRT1020 100LQFP</p> <p><a href="#">RFQ</a></p>	<p><b>MIMXRT1051DVL6A</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: I.MXRT1050                  Download: <a href="#">MIMXRT1051DVL6A.pdf</a></p> <p><a href="#">RFQ</a></p>
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<p><b>MIMXRT1021CAG4A</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: I.MXRT1020 144LQFP</p> <p><a href="#">RFQ</a></p>	<p><b>MIMXRT1051CVL5B</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: I.MXRT1050 A1                  Download: <a href="#">MIMXRT1051CVL5B.pdf</a></p> <p><a href="#">RFQ</a></p>

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