

MIMXRT1052CVL5A



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Part Number: [MIMXRT1052CVL5A](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: I.MXRT1050

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

RoHs Status:

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MIMXRT1052CVL5A	Manufacturer	NXP Semiconductors / Freescale
Description	I.MXRT1050	Lead Free Status / RoHS Status	
Quantity Available	17658 pcs	Data sheet	I.MXRT1050 Features and Benefits IMXRT1050 Industrial Datasheet
Category	Integrated Circuits (ICs)	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 935351123557 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)
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 528MHz 196-MAPBGA (10x10)	Core Processor	ARM® Cortex®-M7
Co-Processors/DSP	-		
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	Part#: MIMXRT1021CAG4A Description: I.MXRT1020 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MIMXRT1021CAF4A Description: I.MXRT1020 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MIMX31CSOMXR Description: MODULE CARD I.MX31	Manufacturers: Logic PD, Inc.	RFQ
	Part#: MIMXRT1052DVL6B Description: I.MXRT1050 A1	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MIMXRT1051DVL6B Description: I.MXRT1050 A1	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MIMXRT1052CVL5B Description: I.MXRT1050 A1	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MIMX8MQ5CVAHZAA Description: I.MX 8MQUAD LT 17X17 NOL	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MIMX8MD6DVAJZAA Description: I.MX 8MDUAL 17X17 NO LID	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MIMXRT1020-EVK Description: EVAL BOARD FOR I.MX RT1020	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MIMXRT1051CVL5A Description: I.MXRT1050	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MIMX8MD6CVAHZAA Description: I.MX 8MDUAL 17X17 NO LID	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MIMXRT1050-EVK Description: EVAL BOARD FOR I.MX RT1050	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MIMXRT1021DAF5A Description: I.MXRT1020 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MIMX8MQ6CVAHZAA Description: I.MX 8MQUAD 17X17 NO LID	Manufacturers: NXP Semiconductors / Freescale	RFQ
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