

MCIMX6Y1CVM05AA



Part Number: [MCIMX6Y1CVM05AA](#)

Manufacturer [NXP Semiconductors / Freescale](#)

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

Data sheet:

RoHs Status: Lead free / RoHS Compliant

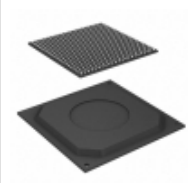
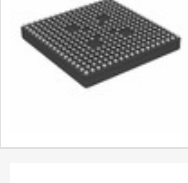
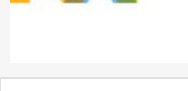
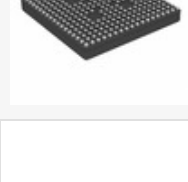
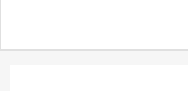
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PRODUCT PARAMETER			
Part Number	MCIMX6Y1CVM05AA	Manufacturer	NXP Semiconductors / Freescale
Description	I.MX 32-BIT MPU, ARM CORTEX-A7 C	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4771 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 2.8V, 3.3V
USB	USB 2.0 OTG + PHY (2)	Supplier Device Package	289-MAPBGA (14x14)
Speed	528MHz	Series	i.MX6
Security Features	A-HAB, ARM TZ, CSU, SJC, SNVS	SATA	-
RAM Controllers	LPDDR2, DDR3, DDR3L	Packaging	Tray
Package / Case	289-LFBGA	Other Names	568-13073 935320915699
Operating Temperature	-40°C ~ 105°C (TJ)	Number of Cores/Bus Width	1 Core, 32-Bit
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Graphics Acceleration	No	Ethernet	10/100 Mbps (1)
Display & Interface Controllers	Electrophoretic, LCD	Detailed Description	ARM® Cortex®-A7 Microprocessor IC i.MX6 1 Core, 32-Bit 528MHz 289-MAPBGA (14x14)
Core Processor	ARM® Cortex®-A7	Co-Processors/DSP	Multimedia; NEON™ MPE
Additional Interfaces	CAN, I²C, SPI, UART		
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	Part#: MCIMX6X4CVM08AB Description: IC MPU I.MX6SX 800MHZ 529MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6Y0DVM05AA Description: 528MHZETHERNET X1 USB OTG X1	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6Y2CVM05AA Description: I.MX 32-BIT MPU ARM CORTEX-A7 C	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6Y1DVK05AB Description: I.MX6ULL ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6Y1DVM05AA Description: I.MX 32-BIT MPU ARM CORTEX-A7 C	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6Y0CVM05AA Description: 528MHZ,ETHERNET X1, USB OTG X1,	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6Y0CVM05AB Description: I.MX6ULL ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6Y2CVK08AB Description: I.MX6ULL ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ

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