

MCIMX6Y2DVM05AA



Part Number: [MCIMX6Y2DVM05AA](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

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

Data sheet:  [MCIMX6YxD Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

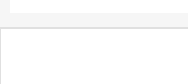
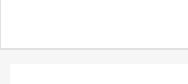
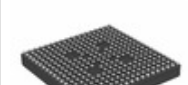
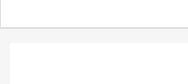
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PRODUCT PARAMETER			
Part Number	MCIMX6Y2DVM05AA	Manufacturer	NXP Semiconductors / Freescale
Description	I.MX 32-BIT MPU, ARM CORTEX-A7 C	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8568 pcs	Data sheet	MCIMX6YxD Datasheet
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	568-13075 935313074557
Operating Temperature	0°C ~ 95°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 (2)
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#: MCIMX6Y2CVM05AAR Description: I.MX 32-BIT MPU, ARM CORTEX-A7 C	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6Y7DVK05AB Description: I.MX6ULL ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX7D2DVK12SD Description: MPU I.MX 7D 1.2GHZ 12X12 MAPBGA	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
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	Part#: MCIMX6Y1DVM05AA Description: I.MX 32-BIT MPU ARM CORTEX-A7 C	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6Y2DVM05AAR Description: I.MX 32-BIT MPU ARM CORTEX-A7 C	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6Y7DVM09AA Description: I.MX 6ULL 900 MHZ CONSUMER WITH	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6Y7DVM09AB Description: I.MX6ULL ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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