

NXP Semiconductors / Freescale



MCIMX6Y7DVK05AA

Part Number:	MCIMX6Y7DVK05AA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	I.MX 32-BIT MPU ARM CORTEX-A7 C
Datasheets:	
Stock Condition	8626 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

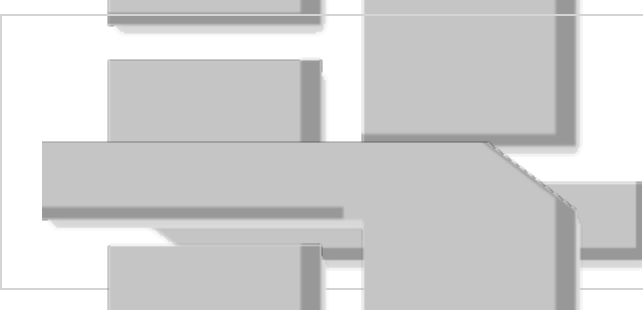
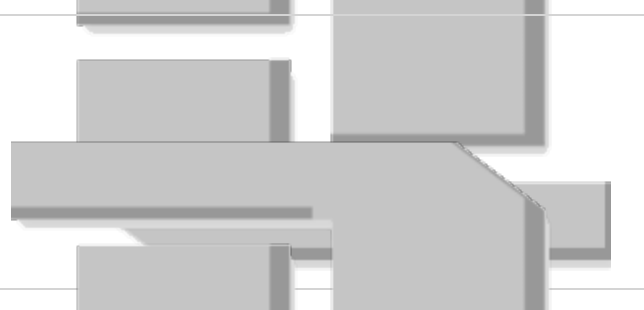
Specifications of MCIMX6Y7DVK05AA

PART NUMBER	MCIMX6Y7DVK05AA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	I.MX 32-BIT MPU ARM CORTEX-A7 C
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	8626 pcs
DATA SHEET	
VOLTAGE - I/O	1.8V, 2.8V, 3.3V
USB	USB 2.0 OTG + PHY (2)
SUPPLIER DEVICE PACKAGE	272-MAPBGA (9x9)
SPEED	528MHz
SERIES	i.MX6
SECURITY FEATURES	A-HAB, ARM TZ, CSU, SJC, SNVS
SATA	-
RAM CONTROLLERS	LPDDR2, DDR3, DDR3L
PACKAGING	Tray
PACKAGE / CASE	272-LFBGA
OTHER NAMES	568-14248 935322485557 MCIMX6Y7DVK05AA-ND
OPERATING TEMPERATURE	0°C ~ 95°C (TJ)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 272-MAPBGA (9x9)
CORE PROCESSOR	ARM® Cortex®-A7
CO-PROCESSORS/DSP	Multimedia; NEON™ MPE

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	MCIMX7D2DVM12SC Manufacturers: NXP Description: I.MX 7D 1.2 GHZ 19X19 MAPBGA In stock: 4936 pcs RFQ		MCIMX7D2DVK12SD Manufacturers: NXP Description: MPU I.MX 7D 1.2GHZ 12X12 MAPBGA In stock: 6211 pcs RFQ
			MCIMX7D2DVK12SC Manufacturers: NXP Description: I.MX 7D 1.2 GHZ 12X12 MAPBGA In stock: 4671 pcs RFQ
MCIMX6Y2DVM05AAR Manufacturers: NXP Semiconductors / Freescale Description: I.MX 32-BIT MPU ARM CORTEX-A7 C In stock: 12970 pcs	MCIMX6Y7DVM09AA Manufacturers: NXP Description: I.MX 6ULL 900 MHZ CONSUMER WITH In stock: 9166 pcs RFQ		MCIMX6Y2DVM09AB Manufacturers: NXP Description: I.MX6ULL ROM PERF ENHAN In stock: 10016 pcs RFQ
	MCIMX6Y7DVK05AB Manufacturers: NXP Description: I.MX6ULL ROM PERF ENHAN In stock: 12776 pcs RFQ		MCIMX6Y2DVM05AA Manufacturers: NXP Description: I.MX 32-BIT MPU, ARM CORTEX-A7 C In stock: 7446 pcs RFQ
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