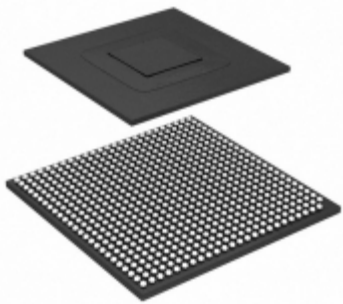


MCIMX6U6AVM10AC



Part Number: [MCIMX6U6AVM10AC](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: I.MX 6 SERIES 64-BIT MPU DUAL A

Data sheet:  [MCIMX6\(S,U\)xAzzzzzz](#)

RoHs Status:

Ship From: Hong Kong

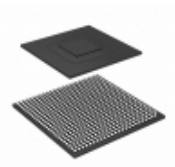
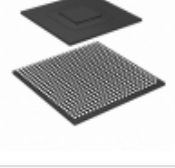
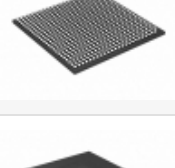
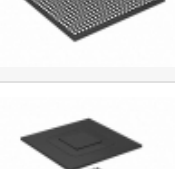
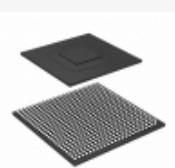
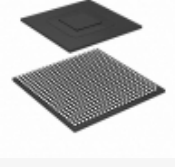
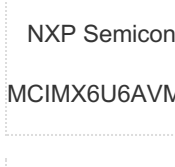
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
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PRODUCT PARAMETER			
Part Number	MCIMX6U6AVM10AC	Manufacturer	NXP Semiconductors / Freescale
Description	I.MX 6 SERIES 64-BIT MPU DUAL A	Lead Free Status / RoHS Status	
Quantity Available	2724 pcs	Data sheet	MCIMX6(S,U)xAzzzzzz
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 2.5V, 2.8V, 3.3V
USB	USB 2.0 + PHY (4)	Supplier Device Package	624-MAPBGA (21x21)
Speed	1GHz	Series	i.MX6DL
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection	SATA	-
RAM Controllers	LPDDR2, LVDDR3, DDR3	Packaging	Tray
Package / Case	624-LFBGA	Other Names	568-13563 935332959557 MCIMX6U6AVM10AC-ND
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Cores/Bus Width	2 Core, 32-Bit
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	15 Weeks
Graphics Acceleration	Yes	Ethernet	10/100/1000 Mbps (1)
Display & Interface Controllers	Keypad, LCD	Detailed Description	ARM® Cortex®-A9 Microprocessor IC i.MX6DL 2 Core, 32-Bit 1GHz 624-MAPBGA (21x21)
Core Processor	ARM® Cortex®-A9	Co-Processors/DSP	Multimedia; NEON™ SIMD

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	Part#: MCIMX6U5EVM10AD Description: I.MX 6DL ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6U6AVM08AB Description: IC MPU I.MX6DL 800MHZ 624MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6U6AVM08AD Description: I.MX6 ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6U5EVM10ADR Description: I.MX 6DL ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6U7CVM08AC Description: IC MPU I.MX6DL 800MHZ 624MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6U6AVM08ABR Description: IC MPU I.MX6DL 800MHZ 624MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6U7CVM08AD Description: I.MX6 DUALITE R PERFEN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6UL-EVKB Description: CPU/BASE BOARD MCIMX6UL W/ACC	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6U6AVM10ACR Description: I.MX 6 SERIES 64-BIT MPU, DUAL A	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6U6AVM08AC Description: IC MPU I.MX6DL 800MHZ 624MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6U8DVM10AC Description: IC MPU I.MX6DL 1.0GHZ 624MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6U6AVM08ADR Description: I.MX6 ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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