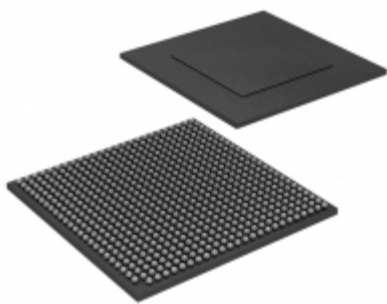


MCIMX6S6AVM10AC



Part Number: [MCIMX6S6AVM10AC](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: I.MX 6 SERIES 32-BIT MPU ARM CO

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

RoHs Status:

Ship From: Hong Kong

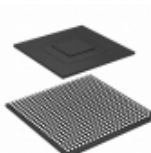
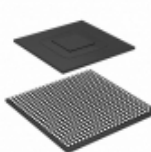
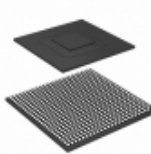
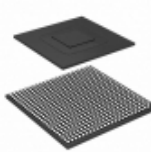
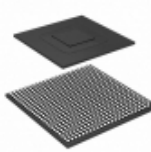
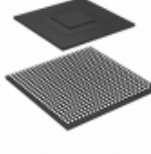
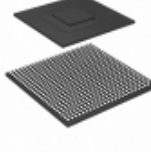
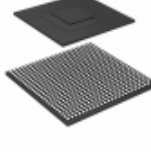
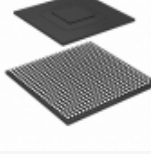
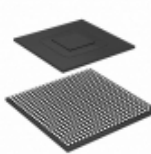
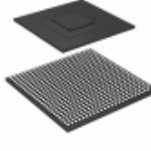
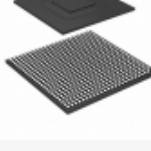
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
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PRODUCT PARAMETER			
Part Number	MCIMX6S6AVM10AC	Manufacturer	NXP Semiconductors / Freescale
Description	I.MX 6 SERIES 32-BIT MPU ARM CO	Lead Free Status / RoHS Status	
Quantity Available	3322 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-BGA (21x21)
Speed	1GHz	Series	i.MX6S
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	568-14268 935331331557 MCIMX6S6AVM10AC-ND
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Cores/Bus Width	1 Core, 32-Bit
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Graphics Acceleration	Yes
Ethernet	10/100/1000 Mbps (1)	Display & Interface Controllers	Keypad, LCD
Detailed Description	ARM® Cortex®-A9 Microprocessor IC i.MX6S 1 Core, 32-Bit 1GHz 624-BGA (21x21)	Core Processor	ARM® Cortex®-A9
Co-Processors/DSP	Multimedia; NEON™ SIMD		

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	Part#: MCIMX6S7CVM08ADR Description: I.MX6 SOLO ROM PERFENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6S6AVM08ABR Description: IC MPU I.MX6S 800MHZ 624MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6S7CVM08AC Description: IC MPU I.MX6S 800MHZ 624MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6S6AVM08ACR Description: IC MPU I.MX6S 800MHZ 624MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6S8DVM10AB Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6S8DVM10AD Description: I.MX 6S ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6S5EVM10ADR Description: I.MX 6S ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6S6AVM08AD Description: I.MX6SOLO ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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