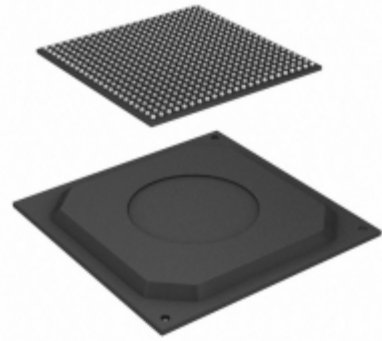


MCIMX6X4AVM08ABR



Part Number: [MCIMX6X4AVM08ABR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

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

Data sheet:

RoHs Status:

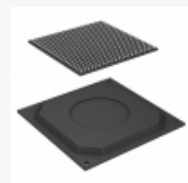
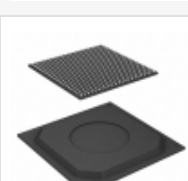
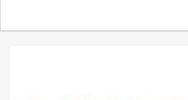
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MCIMX6X4AVM08ABR	Manufacturer	NXP Semiconductors / Freescale
Description	I.MX 6 SERIES 32-BIT MPU ARM CO	Lead Free Status / RoHS Status	
Quantity Available	4612 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 2.5V, 2.8V, 3.15V
USB	USB 2.0 + PHY (1), USB 2.0 OTG + PHY (2)	Supplier Device Package	529-MAPBGA (19x19)
Speed	200MHz, 800MHz	Series	i.MX6SX
Security Features	A-HAB, ARM TZ, CAAM, CSU, SNVS, System JTAG, TVDECODE	SATA	-
RAM Controllers	LPDDR2, LVDDR3, DDR3	Packaging	Tape & Reel (TR)
Package / Case	529-LFBGA	Other Names	935311956518
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Cores/Bus Width	2 Core, 32-Bit
Graphics Acceleration	Yes	Ethernet	10/100/1000 Mbps (2)
Display & Interface Controllers	Keypad, LCD, LVDS	Detailed Description	ARM® Cortex®-A9, ARM® Cortex®-M4 Microprocessor IC i.MX6SX 2 Core, 32-Bit 200MHz, 800MHz 529-MAPBGA (19x19)
Core Processor	ARM® Cortex®-A9, ARM® Cortex®-M4	Co-Processors/DSP	Multimedia; NEON™ MPE
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	Part#: MCIMX6Y0DVM05AB Description: I.MX6ULL ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6X3EVK10AB Description: IC MPU I.MX6SX 1GHZ 400MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6X3EVN10AB Description: IC MPU I.MX6SX 1GHZ 400MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6X3EVN10AC Description: I.MX 6SX ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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