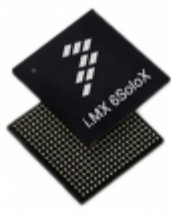


MCIMX6X1AVO08AB



Part Number: [MCIMX6X1AVO08AB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX6SX 800MHZ 400MAPBGA

Data sheet:  [MCIMX6XxAxx\(B,C\) Datasheet](#)
 [i.MX 6 Series Overview](#)

RoHs Status: Lead free / RoHS Compliant

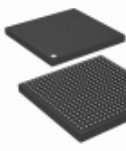
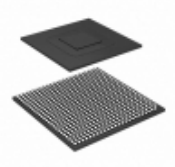
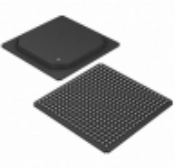
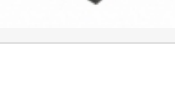
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCIMX6X1AVO08AB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX6SX 800MHZ 400MAPBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4589 pcs	Data sheet	MCIMX6XxAxx(B,C) Datasheet i.MX 6 Series Overview
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	400-MAPBGA (17x17)
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	Tray
Package / Case	400-LFBGA	Other Names	935323753557
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
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Graphics Acceleration	No
Ethernet	10/100/1000 Mbps (2)	Display & Interface Controllers	Keypad, LCD
Detailed Description	ARM® Cortex®-A9, ARM® Cortex®-M4 Microprocessor IC i.MX6SX 2 Core, 32-Bit 200MHz, 800MHz 400-MAPBGA (17x17)	Core Processor	ARM® Cortex®-A9, ARM® Cortex®-M4
Co-Processors/DSP	Multimedia; NEON™ MPE	Additional Interfaces	AC'97, CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPDIF, SPI, SSI, UART
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	Part#: MCIMX6X1EVK10AB Description: IC MPU 32BIT I.MX6 800MHZ 400BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6U8DVM10AC Description: IC MPU I.MX6DL 1.0GHZ 624MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6X1AVK08AC Description: .MX 6SX ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6V2CVM08AB Description: I.MX6 32BIT MPU 800MHZ 400MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6X1AVO08AC Description: I.MX6SX AUTO ROM P ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6X1AVK08AB Description: IC MPU I.MX6SX 800MHZ 400MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6X1EVK10AC Description: I.MX 6SLX ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6UL-EVKB Description: CPU/BASE BOARD MCIMX6UL W/ACC	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6X1CVO08ACR Description: I.MX6SX ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6X1CVO08ABR Description: I.MX 6 SERIES 32-BIT MPU ARM CO	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6UL-EVK Description: CPU/BASE BOARD MCIMX6UL	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6U8DVM10AB Description: IC MPU I.MX6DL 1.0GHZ 624MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6V7DVN10AB Description: I.MX 6 32BIT MPU 1GHZ 432MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6U8DVM10AD Description: I.MX 6DL ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6X1CVK08AC Description: I.MX 6SX ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6X1CVO08AC Description: I.MX6SX ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
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