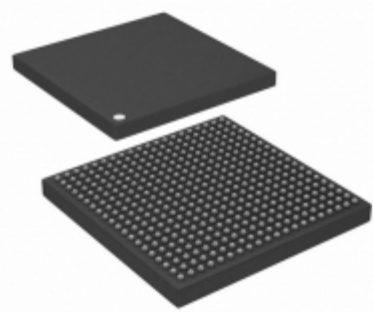


MCIMX6X2CVN08AB





Part Number: [MCIMX6X2CVN08AB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU 32BIT I.MX6 800MHZ 400BGA

Data sheet:  [I.MX 6 Series Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

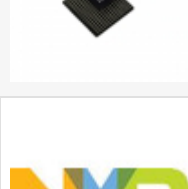
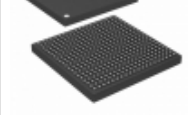
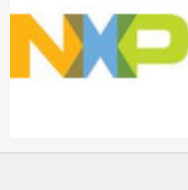
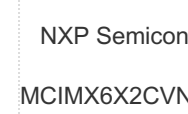
Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MCIMX6X2CVN08AB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU 32BIT I.MX6 800MHZ 400BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4894 pcs	Data sheet	I.MX 6 Series Fact 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	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	568-14144 935322176557 MCIMX6X2CVN08AB-ND
Operating Temperature	-40°C ~ 105°C (TA)	Number of Cores/Bus Width	2 Core, 32-Bit
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Graphics Acceleration	Yes	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, PCIe, SAI, SPDIF, SPI, SSI, UART		
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