

NXP Semiconductors / Freescale



MCIMX6X2CVN08AB

Part Number:	MCIMX6X2CVN08AB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU 32BIT I.MX6 800MHZ 400BGA
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	4133 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

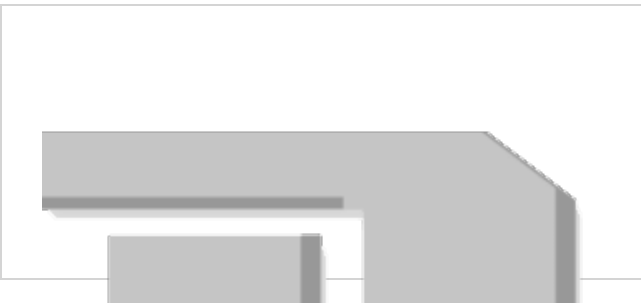
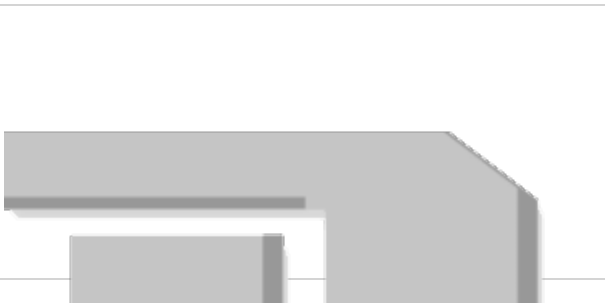
Specifications of MCIMX6X2CVN08AB

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	4133 pcs
DATA SHEET	
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

Related Tags

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	MCIMX6X1EVO10AC Manufacturers: NXP Description: I.MX 6SX ROM PERF ENHAN In stock: 3588 pcs RFQ		MCIMX6X2CVN08AC Manufacturers: NXP Description: I.MX 6SX ROM PERF ENHAN In stock: 3858 pcs RFQ
	MCIMX6X2AVN08AC Manufacturers: NXP Description: I.MX 6SX ROM PERF ENHAN In stock: 3424 pcs RFQ		MCIMX6X1EVK10AB Manufacturers: NXP Description: IC MPU 32BIT I.MX6 800MHZ 400BGA In stock: 5200 pcs RFQ
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