




	MCIMX6X3EVK10AB
	Manufacturer Part Number: MCIMX6X3EVK10AB
	Manufacturer/Brand: NXP Semiconductors / Freescale
	Part of Description: IC MPU I.MX6SX 1GHZ 400MAPBGA
	Datasheets: <ul style="list-style-type: none">  1.MCIMX6X3EVK10AB.pdf  2.MCIMX6X3EVK10AB.pdf
	RoHs Status:  Lead free / RoHS
Stock Condition: Compliant New original, 700 pcs Stock Available.	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	MCIMX6X3EVK10AB
Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX6SX 1GHZ 400MAPBGA
Category	Integrated Circuits (ICs) > Embedded - Microprocessors
Part Status	700 pcs Stock
Series	i.MX6SX
Operating Temperature	-20°C ~ 105°C (TJ)
Package / Case	400-LFBGA
Supplier Device Package	400-MAPBGA (14x14)
Core Processor	ARM® Cortex®-A9, ARM® Cortex®-M4
Speed	200MHz, 1GHz
Ethernet	10/100/1000 Mbps (2)
USB	USB 2.0 + PHY (1), USB 2.0 OTG + PHY (2)
Voltage - I/O	1.8V, 2.5V, 2.8V, 3.15V
Number of Cores/Bus Width	2 Core, 32-Bit
Co-Processors/DSP	Multimedia; NEON™ MPE
RAM Controllers	LPDDR2, LVDDR3, DDR3
Graphics Acceleration	Yes
Display & Interface Controllers	Keypad, LCD
SATA	-
Security Features	A-HAB, ARM TZ, CAAM, CSU, SNVS, System JTAG,
Additional Interfaces	AC'97, CAN, I ² C, I ² S, MMC/SD/SDIO, SAI, SPDIF, SPI,
Packaging	Tray

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