

NXP Semiconductors / Freescale

### MCIMX6X3EVK10AB

Part Number:	MCIMX6X3EVK10AB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU I.MX6SX 1GHZ 400MAPBGA
Datasheets:	
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	2702 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

#### Specifications of MCIMX6X3EVK10AB

PART NUMBER	MCIMX6X3EVK10AB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6SX 1GHZ 400MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2702 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 (14x14)
SPEED	200MHz, 1GHz
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	935315799557
OPERATING TEMPERATURE	-20°C ~ 105°C (TJ)
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, 1GHz 400-MAPBGA (14x14)
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

#### Related Tags

MCIMX6X3EVK10AB	MCIMX6X3EVK10AB Distributor	MCIMX6X3EVK10AB Supplier
MCIMX6X3EVK10AB Price	MCIMX6X3EVK10AB Pictures	MCIMX6X3EVK10AB Image
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#### Related Products

<p><b>MCIMX6X3CVN08AC</b> Manufacturers: NXP Description: I.MX 6SX ROM PERF ENHAN In stock: 3208 pcs</p> <p><b>RFQ</b></p>	<p><b>MCIMX6X2EVN10ABR</b> Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6 SERIES 32-BIT MPU ARM CO In stock: 5702 pcs</p>	<p><b>MCIMX6X3CVN08AB</b> Manufacturers: NXP Description: IC MPU I.MX6SX 800MHZ 400MAPBGA In stock: 3320 pcs</p> <p><b>RFQ</b></p>
<p><b>MCIMX6X3EVN10AC</b> Manufacturers: NXP Description: I.MX 6SX ROM PERF ENHAN In stock: 3586 pcs</p> <p><b>RFQ</b></p>	<p><b>MCIMX6X2EVN10AC</b> Manufacturers: NXP Description: I.MX6SX ROM PERF ENHAN In stock: 3692 pcs</p> <p><b>RFQ</b></p>	<p><b>MCIMX6X3EVN10AB</b> Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6 SERIES 32-BIT MPU ARM CO In stock: 5180 pcs</p>
<p><b>MCIMX6X3CVO08AC</b> Manufacturers: NXP Description: I.MX 6SX ROM PERF ENHAN In stock: 4112 pcs</p> <p><b>RFQ</b></p>	<p><b>MCIMX6X3EVK10ABR</b> Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6 SERIES 32-BIT MPU ARM CO In stock: 5180 pcs</p>	<p><b>MCIMX6X3EVK10AC</b> Manufacturers: NXP Description: I.MX 6SX ROM PERF ENHAN In stock: 3514 pcs</p> <p><b>RFQ</b></p>
<p><b>MCIMX6X3EVN10AB</b> Manufacturers: NXP Description: IC MPU I.MX6SX 1GHZ 400MAPBGA In stock: 3301 pcs</p> <p><b>RFQ</b></p>	<p><b>MCIMX6X3EVO10AB</b> Manufacturers: NXP Description: IC MPU I.MX6SX 1GHZ 400MAPBGA In stock: 3794 pcs</p> <p><b>RFQ</b></p>	<p><b>MCIMX6X3EVK10ACR</b> Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6SX ROM PERF ENHAN In stock: 4812 pcs</p>
<p><b>MCIMX6X3CVO08AB</b> Manufacturers: NXP Description: IC MPU I.MX6SX 800MHZ 400MAPBGA In stock: 3635 pcs</p> <p><b>RFQ</b></p>		