

NXP Semiconductors / Freescale



MCIMX6X1AVO08AB

Part Number:	MCIMX6X1AVO08AB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6SX 800MHZ 400MAPBGA
Datasheets:	
RoHs Status	Lead free / RoHS Compliant
Stock Condition	2931 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MCIMX6X1AVO08AB

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	2931 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	935323753557
OPERATING TEMPERATURE	-40°C ~ 125°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	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

Related Tags

MCIMX6X1AVO08AB	MCIMX6X1AVO08AB Distributor	MCIMX6X1AVO08AB Supplier
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MCIMX6ULL-EVK Manufacturers: NXP Description: EVAL KIT FOR I.MX6ULL In stock: 555 pcs RFQ	MCIMX6V2CVM08AB Manufacturers: NXP Description: I.MX6 32BIT MPU 800MHZ 400MAPBGA In stock: 6598 pcs RFQ
MCIMX6X1CVO08ABR Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6 SERIES 32-BIT MPU ARM CO In stock: 4681 pcs	MCIMX6X1AVK08AC Manufacturers: NXP Description: .MX 6SX ROM PERF ENHAN In stock: 4313 pcs RFQ
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MCIMX6V7DVN10AB Manufacturers: NXP Description: I.MX 6 32BIT MPU 1GHZ 432MAPBGA In stock: 7082 pcs RFQ	MCIMX6UL-EVKB Manufacturers: NXP Description: CPU/BASE BOARD MCIMX6UL W/ACC In stock: 549 pcs RFQ

