



NXP Semiconductors / Freescale

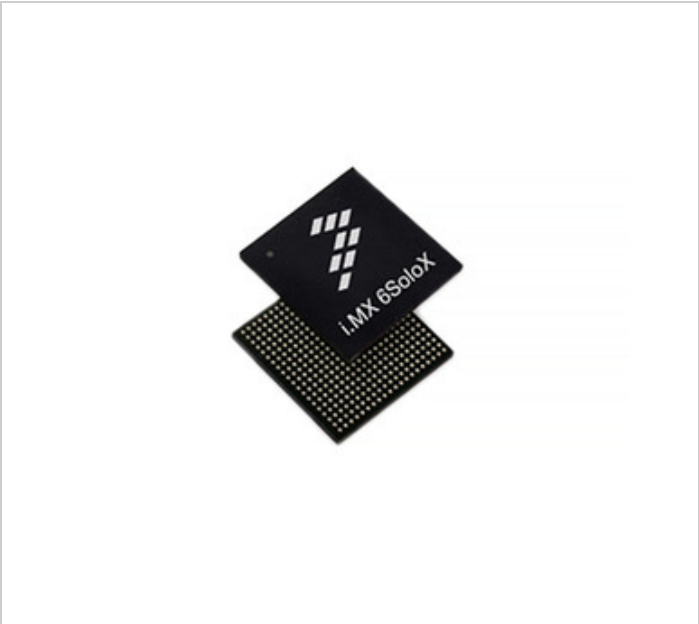


Image may be representation. See specifications for product details.

MCIMX6X1AVK08AB

Part Number:	MCIMX6X1AVK08AB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6SX 800MHZ 400MAPBGA
	 1.MCIMX6X1AVK08AB.pdf
	 2.MCIMX6X1AVK08AB.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

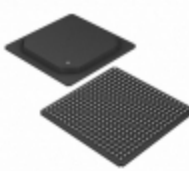
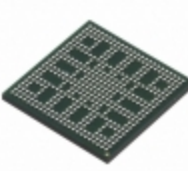
Specifications of MCIMX6X1AVK08AB

PART NUMBER	MCIMX6X1AVK08AB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6SX 800MHZ 400MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MCIMX6X1AVK08AB.pdf  2.MCIMX6X1AVK08AB.pdf
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, 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	935315934557
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 (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

NXP Semiconductors / Freescale MCIMX6X1AVK08AB	MCIMX6X1AVK08AB Distributor	MCIMX6X1AVK08AB Supplier
MCIMX6X1AVK08AB Price	MCIMX6X1AVK08AB Pictures	MCIMX6X1AVK08AB Image
MCIMX6X1AVK08AB PDF Datasheet	MCIMX6X1AVK08AB Download Datasheet	MCIMX6X1AVK08AB Datasheet
MCIMX6X1AVK08AB Stock	Buy MCIMX6X1AVK08AB	Buy NXP Semiconductors / Freescale MCIMX6X1AVK08AB
NXP Semiconductors / Freescale MCIMX6X1AVK08AB	NXP Semiconductors / Freescale Supplier	NXP Semiconductors / Freescale Distributor
NXP Semiconductors / Freescale MCIMX6X1AVK08AB	NXP Semiconductors MCIMX6X1AVK08AB	Freescale MCIMX6X1AVK08AB
Freescale Semiconductor - NXP MCIMX6X1AVK08AB	NXP USA Inc. MCIMX6X1AVK08AB	

Related Products

 MCIMX6X1AVK08AC Manufacturers: NXP Semiconductors / Freescale Description: .MX 6SX ROM PERF ENHAN In stock: Out stock RFQ	 MCIMX6X1CVK08AC Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6SX ROM PERF ENHAN In stock: Out stock RFQ
 MCIMX6X1AVO08AC Manufacturers: NXP Semiconductors / Freescale Description: I.MX6SX AUTO ROM P ENHAN In stock: Out stock RFQ	 MCIMX6X1AVO08AB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6SX 800MHZ 400MAPBGA In stock: 123 pcs RFQ
 MCIMX6U8DVM10AD Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6DL ROM PERF ENHAN In stock: Out stock RFQ	 MCIMX6X1CVK08AB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6SX 800MHZ 400MAPBGA In stock: 222 pcs RFQ
 MCIMX6V2CVM08AB Manufacturers: NXP Semiconductors / Freescale Description: I.MX6 32BIT MPU 800MHZ 400MAPBGA In stock: 152 pcs RFQ	 MCIMX6V7DVN10AB Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6 32BIT MPU 1GHZ 432MAPBGA In stock: 146 pcs RFQ
 MCIMX6X1AVO08ACR Manufacturers: NXP Semiconductors / Freescale Description: I.MX6SX AUTO ROM P ENHAN In stock: Out stock RFQ	 MCIMX6UL-EVK Manufacturers: NXP Semiconductors / Freescale Description: CPU/BASE BOARD MCIMX6UL In stock: Out stock RFQ
 MCIMX6ULL-EVK Manufacturers: NXP Semiconductors / Freescale Description: EVAL KIT FOR I.MX6ULL In stock: 154 pcs RFQ	 MCIMX6UL-EVKB Manufacturers: NXP Semiconductors / Freescale Description: CPU/BASE BOARD MCIMX6UL W/ACC In stock: 70 pcs RFQ