



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MCIMX6X4AVM08AB

Part Number:	MCIMX6X4AVM08AB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6SX 800MHZ 529MAPBGA
Datasheets:	 1.MCIMX6X4AVM08AB.pdf
	 2.MCIMX6X4AVM08AB.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

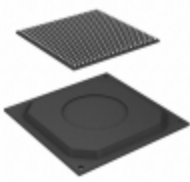
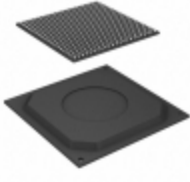
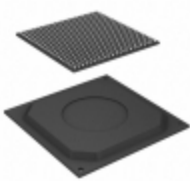
Specifications of MCIMX6X4AVM08AB

PART NUMBER	MCIMX6X4AVM08AB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6SX 800MHZ 529MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MCIMX6X4AVM08AB.pdf  2.MCIMX6X4AVM08AB.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	529-MAPBGA (19x19)
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	529-LFBGA
OTHER NAMES	935311956557
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF CORES/BUS WIDTH	2 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	15 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	Yes
ETHERNET	10/100/1000 Mbps (2)
DISPLAY & INTERFACE CONTROLLERS	Keypad, LCD, LVDS
DETAILED DESCRIPTION	ARM® Cortex®-A9, ARM® Cortex®-M4 Microprocessor IC i.MX6SX 2 Core, 32-Bit 200MHz, 800MHz 529-MAPBGA (19x19)
CORE PROCESSOR	ARM® Cortex®-A9, ARM® Cortex®-M4
CO-PROCESSORS/DSP	Multimedia; NEON™ MPE
ADDITIONAL INTERFACES	AC'97, CAN, I²C, I²S, MLB, MMC/SD/SDIO, PCIe, SAI, SPDIF, SPI, SSI, UART, VADC

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