



NXP Semiconductors / Freescale

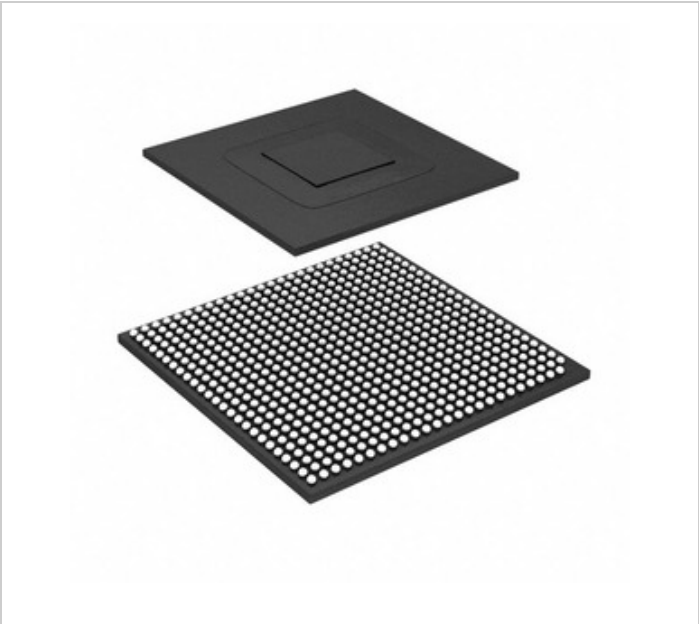


Image may be representation. See specifications for product details.

MCIMX6U1AVM08AC

Part Number:	MCIMX6U1AVM08AC
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6DL 800MHZ 624MAPBGA PDF 1.MCIMX6U1AVM08AC.pdf PDF 2.MCIMX6U1AVM08AC.pdf PDF 3.MCIMX6U1AVM08AC.pdf PDF 4.MCIMX6U1AVM08AC.pdf
Datasheets:	
RoHs Status	✓ Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

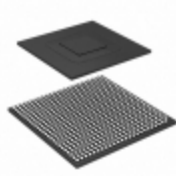
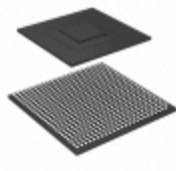
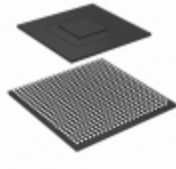
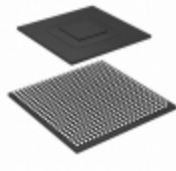
Specifications of MCIMX6U1AVM08AC

PART NUMBER	MCIMX6U1AVM08AC
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6DL 800MHZ 624MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MCIMX6U1AVM08AC.pdf PDF 2.MCIMX6U1AVM08AC.pdf PDF 3.MCIMX6U1AVM08AC.pdf PDF 4.MCIMX6U1AVM08AC.pdf
VOLTAGE - I/O	1.8V, 2.5V, 2.8V, 3.3V
USB	USB 2.0 + PHY (4)
SUPPLIER DEVICE PACKAGE	624-MAPBGA (21x21)
SPEED	800MHz
SERIES	i.MX6DL
SECURITY FEATURES	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection
SATA	-
RAM CONTROLLERS	LPDDR2, LVDDR3, DDR3
PACKAGING	Tray
PACKAGE / CASE	624-LFBGA
OTHER NAMES	568-14270 935311564557 MCIMX6U1AVM08AC-ND
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	Yes
ETHERNET	10/100/1000 Mbps (1)
DISPLAY & INTERFACE CONTROLLERS	Keypad, LCD
DETAILED DESCRIPTION	ARM® Cortex®-A9 Microprocessor IC i.MX6DL 2 Core, 32-Bit 800MHz 624-MAPBGA (21x21)
CORE PROCESSOR	ARM® Cortex®-A9
CO-PROCESSORS/DSP	Multimedia; NEON™ SIMD
ADDITIONAL INTERFACES	CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, UART

Related Tags

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