



NXP Semiconductors / Freescale

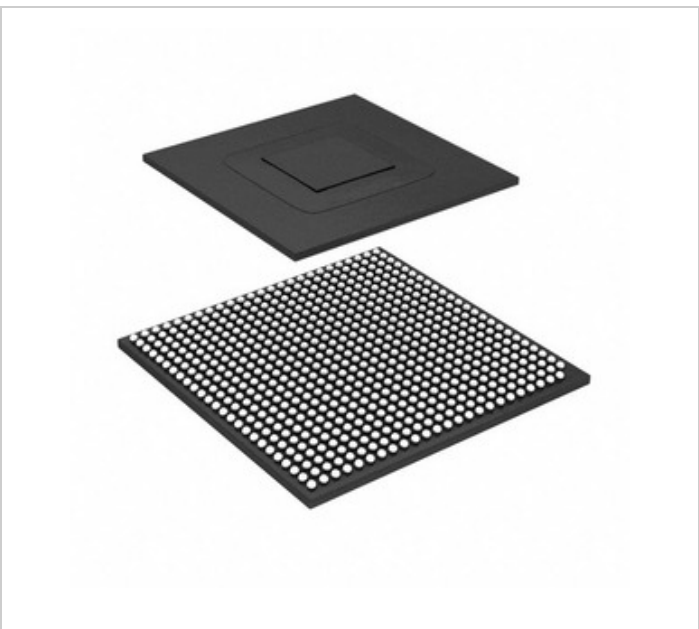


Image may be representation. See specifications for product details.

MCIMX6U1AVM08AB

Part Number:	MCIMX6U1AVM08AB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6DL 800MHZ 624MAPBGA
	1.MCIMX6U1AVM08AB.pdf
	2.MCIMX6U1AVM08AB.pdf
	3.MCIMX6U1AVM08AB.pdf
	4.MCIMX6U1AVM08AB.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

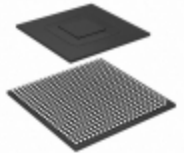
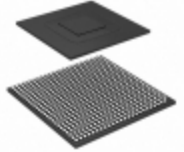
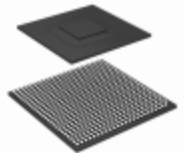
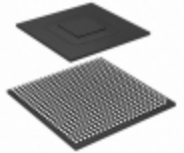
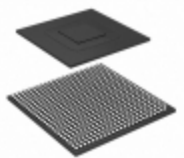
Specifications of MCIMX6U1AVM08AB

PART NUMBER	MCIMX6U1AVM08AB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6DL 800MHZ 624MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MCIMX6U1AVM08AB.pdf 2.MCIMX6U1AVM08AB.pdf 3.MCIMX6U1AVM08AB.pdf 4.MCIMX6U1AVM08AB.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	935317841557
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
BASE PART NUMBER	MCIMX6
ADDITIONAL INTERFACES	CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, UART

Related Tags

NXP Semiconductors / Freescale MCIMX6U1AVM08AB	MCIMX6U1AVM08AB Distributor	MCIMX6U1AVM08AB Supplier
MCIMX6U1AVM08AB Price	MCIMX6U1AVM08AB Pictures	MCIMX6U1AVM08AB Image
MCIMX6U1AVM08AB PDF Datasheet	MCIMX6U1AVM08AB Download Datasheet	MCIMX6U1AVM08AB Datasheet
MCIMX6U1AVM08AB Stock	Buy MCIMX6U1AVM08AB	Buy NXP Semiconductors / Freescale MCIMX6U1AVM08AB
NXP Semiconductors / Freescale MCIMX6U1AVM08AB	NXP Semiconductors / Freescale Supplier	NXP Semiconductors / Freescale Distributor
NXP Semiconductors / Freescale MCIMX6U1AVM08AB	NXP Semiconductors MCIMX6U1AVM08AB	Freescale MCIMX6U1AVM08AB
Freescale Semiconductor - NXP MCIMX6U1AVM08AB	NXP USA Inc. MCIMX6U1AVM08AB	

Related Products

 MCIMX6SLL-EVK Manufacturers: NXP Semiconductors / Freescale Description: MCIMX6SLL-EVK In stock: 12 pcs RFQ	 MCIMX6S8DVM10AC Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA In stock: 60 pcs RFQ
 MCIMX6U1AVM08AD Manufacturers: NXP Semiconductors / Freescale Description: I.MX6 DL ROM PERF ENHAN In stock: Out stock RFQ	 MCIMX6U1AVM08AC Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6DL 800MHZ 624MAPBGA In stock: 58 pcs RFQ
 MCIMX6U1AVM08ACR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6DL 800MHZ 624MAPBGA In stock: Out stock RFQ	 MCIMX6SLEVK Manufacturers: NXP Semiconductors / Freescale Description: KIT EVAL MCIMX6SL In stock: 19 pcs RFQ
 MCIMX6S8DVM10AD Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6S ROM PERF ENHAN In stock: Out stock RFQ	 MCIMX6S8DVM10AB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA In stock: Out stock RFQ
 MCIMX6U1AVM10AC Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6 SERIES 64-BIT MPU DUAL A In stock: Out stock RFQ	 MCIMX6U1AVM08ADR Manufacturers: NXP Semiconductors / Freescale Description: I.MX6 DL ROM PERF ENHAN In stock: Out stock RFQ
 MCIMX6SX-SDB Manufacturers: NXP Semiconductors / Freescale Description: DEMO BOARD MCIMX6SX MPU In stock: 131 pcs RFQ	 MCIMX6U1AVM08ABR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6DL 800MHZ 624MAPBGA In stock: Out stock RFQ