



NXP Semiconductors / Freescale

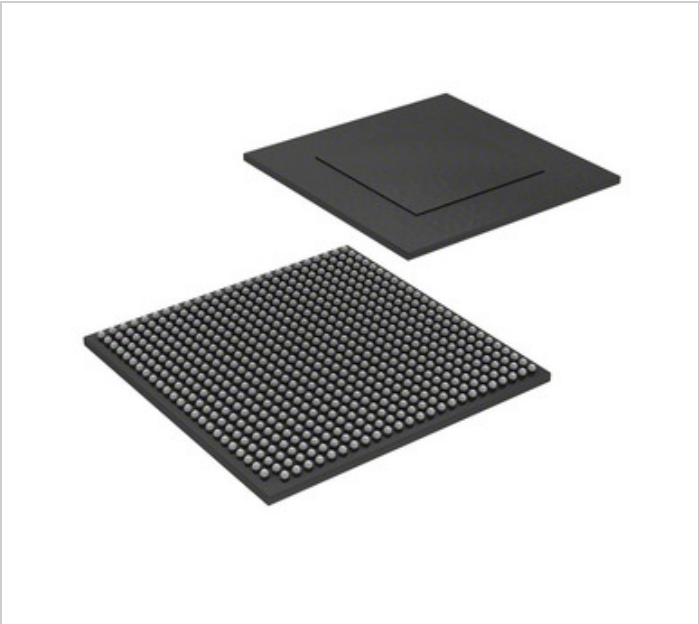


Image may be representation. See specifications for product details.

MCIMX6Q4AVT08AC

Part Number:	MCIMX6Q4AVT08AC
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6Q 852MHZ 624FCBGA
	PDF 1.MCIMX6Q4AVT08AC.pdf
	PDF 2.MCIMX6Q4AVT08AC.pdf
	PDF 3.MCIMX6Q4AVT08AC.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

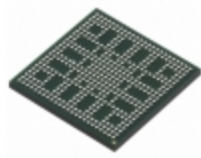
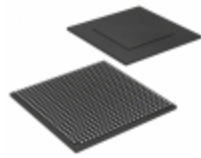
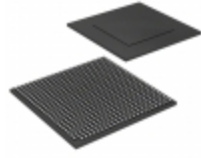
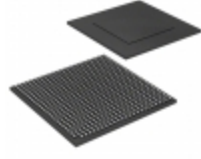
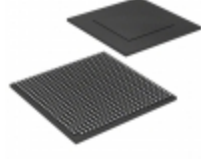
Specifications of MCIMX6Q4AVT08AC

PART NUMBER	MCIMX6Q4AVT08AC
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6Q 852MHZ 624FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MCIMX6Q4AVT08AC.pdf
	PDF 2.MCIMX6Q4AVT08AC.pdf
	PDF 3.MCIMX6Q4AVT08AC.pdf
VOLTAGE - I/O	1.8V, 2.5V, 2.8V, 3.3V
USB	USB 2.0 + PHY (4)
SUPPLIER DEVICE PACKAGE	624-FCBGA (21x21)
SPEED	852MHZ
SERIES	i.MX6Q
SECURITY FEATURES	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection
SATA	SATA 3Gbps (1)
RAM CONTROLLERS	LPDDR2, LVDDR3, DDR3
PACKAGING	Tray
PACKAGE / CASE	624-FBGA, FCBGA
OTHER NAMES	935314748557
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF CORES/BUS WIDTH	4 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.MX6Q 4 Core, 32-Bit 852MHZ 624-FCBGA (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

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Related Products

 MCIMX6L8DVN10AB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6SL 1.0GHZ 432MAPBGA In stock: 293 pcs RFQ	 MCIMX6Q-SDP Manufacturers: NXP Semiconductors / Freescale Description: KIT EVAL SABRE FOR I.MX6Q In stock: Out stock RFQ
 MCIMX6Q4AVT08ADR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6Q 852MHZ 624FCBGA In stock: Out stock RFQ	 MCIMX6L8DVN10ACR Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6SL ROM PERF ENHAN In stock: Out stock RFQ
 MCIMX6Q-SDB Manufacturers: NXP Semiconductors / Freescale Description: BOARD EVAL SABRE FOR I.MX6Q In stock: 70 pcs RFQ	 MCIMX6Q4AVT08AE Manufacturers: NXP Semiconductors / Freescale Description: I.MX6Q ROM PERF ENHAN In stock: Out stock RFQ
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