



NXP Semiconductors / Freescale

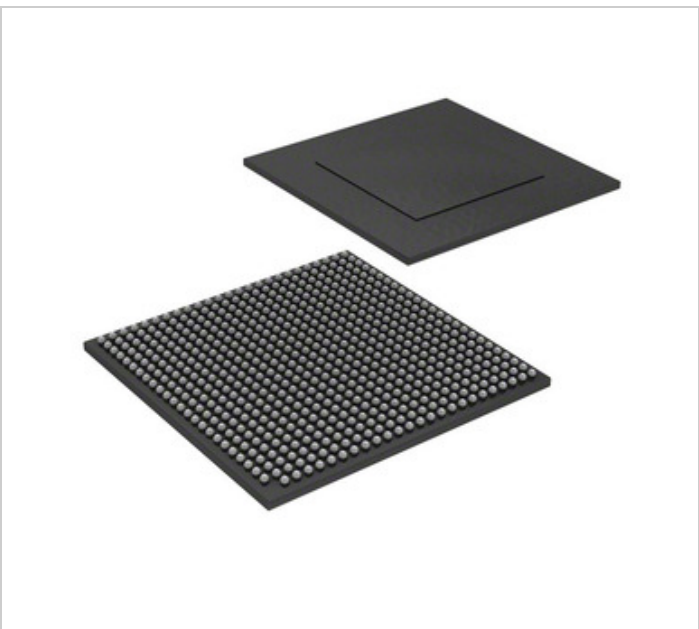


Image may be representation. See specifications for product details.

MCIMX6Q7CVT08AC

Part Number:	MCIMX6Q7CVT08AC
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6Q 800MHZ 624FCBGA
	PDF 1.MCIMX6Q7CVT08AC.pdf
	PDF 2.MCIMX6Q7CVT08AC.pdf
	PDF 3.MCIMX6Q7CVT08AC.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

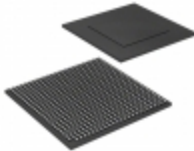
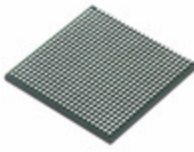
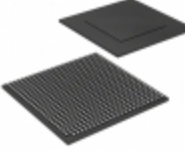
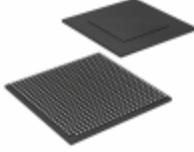
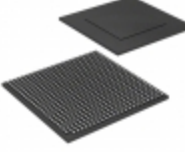
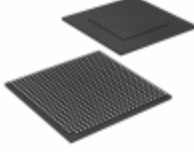
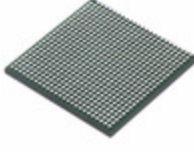
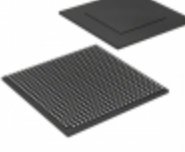
Specifications of MCIMX6Q7CVT08AC

PART NUMBER	MCIMX6Q7CVT08AC
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6Q 800MHZ 624FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MCIMX6Q7CVT08AC.pdf PDF 2.MCIMX6Q7CVT08AC.pdf PDF 3.MCIMX6Q7CVT08AC.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	800MHz
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	935311044557
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
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 800MHz 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

 MCIMX6QP-SDB Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6QP CONSUMER DEVELOPMENT PL In stock: 63 pcs RFQ	 MCIMX6Q6AVT10AC Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA In stock: 621 pcs RFQ
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 MCIMX6Q6AVT10ADR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA In stock: Out stock RFQ	 MCIMX6Q7CZK08AE Manufacturers: NXP Semiconductors / Freescale Description: ARIK-Q POP ROM PERF ENHA In stock: Out stock RFQ