

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MCIMX6Q4AVT10AD

Part Number:	MCIMX6Q4AVT10AD
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6Q 1.0GHZ 624FCBGA
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	1225 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

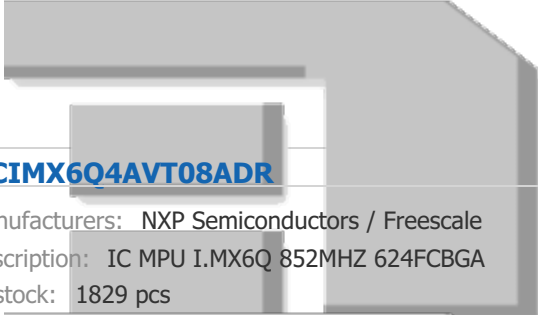
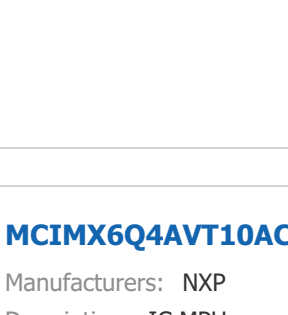
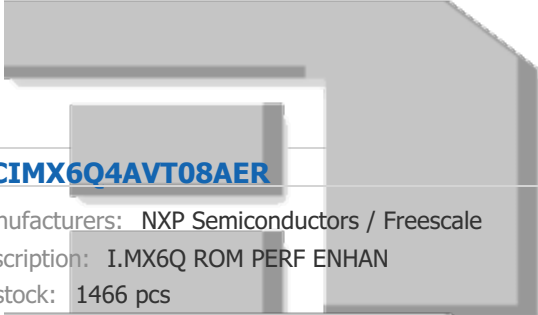
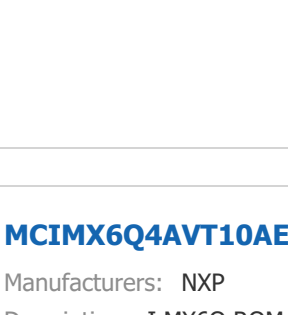
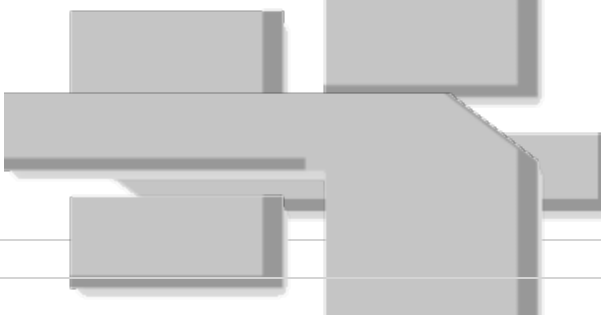
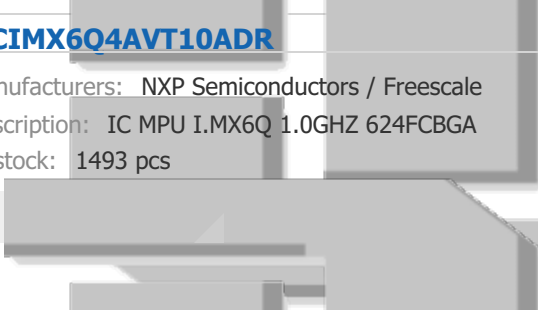
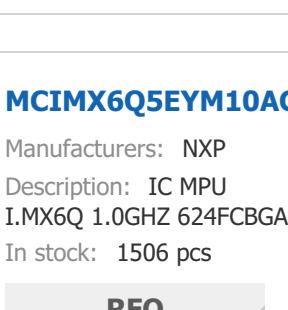
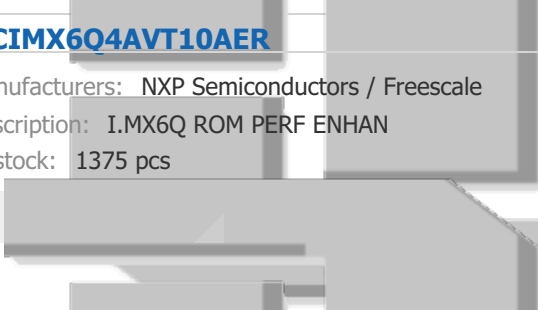
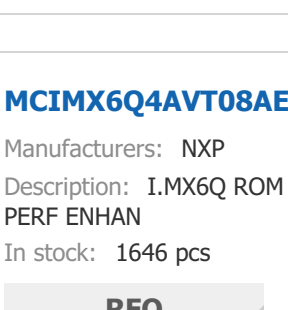
Specifications of MCIMX6Q4AVT10AD

PART NUMBER	MCIMX6Q4AVT10AD
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6Q 1.0GHZ 624FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1225 pcs
DATA SHEET	
VOLTAGE - I/O	1.8V, 2.5V, 2.8V, 3.3V
USB	USB 2.0 + PHY (4)
SUPPLIER DEVICE PACKAGE	624-FCBGA (21x21)
SPEED	1.0GHz
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	935323456557
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 1.0GHz 624-FCBGA (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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 MCIMX6Q4AVT08ADR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6Q 852MHZ 624FCBGA In stock: 1829 pcs	 MCIMX6Q4AVT10AC Manufacturers: NXP Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA In stock: 1698 pcs RFQ	 MCIMX6Q4AVT08AER Manufacturers: NXP Semiconductors / Freescale Description: I.MX6Q ROM PERF ENHAN In stock: 1466 pcs	 MCIMX6Q4AVT10AE Manufacturers: NXP Description: I.MX6Q ROM PERF ENHAN In stock: 1303 pcs RFQ
 MCIMX6Q5EYM10AD Manufacturers: NXP Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA In stock: 1833 pcs RFQ	 MCIMX6Q5EYM10ACR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA In stock: 1844 pcs		
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		 MCIMX6Q4AVT08AD Manufacturers: NXP Description: IC MPU I.MX6Q 852MHZ 624FCBGA In stock: 1756 pcs RFQ	