

NXP Semiconductors / Freescale

MCIMX6Q6AVT08ACR

Part Number:	MCIMX6Q6AVT08ACR
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6Q 852MHZ 624FCBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	1741 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

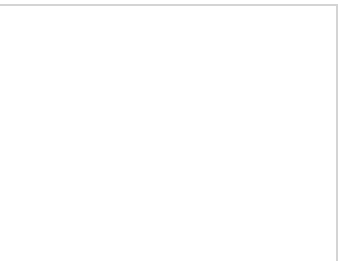
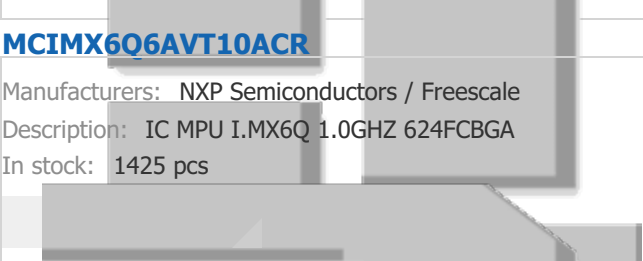
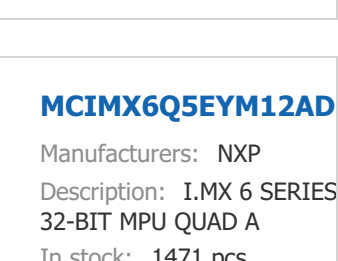
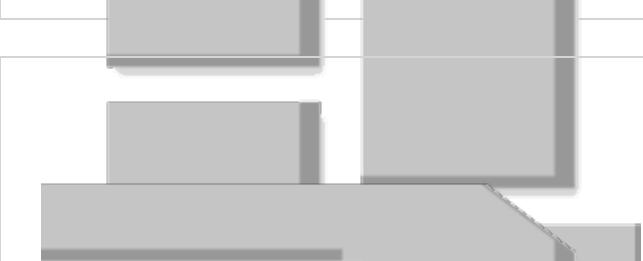
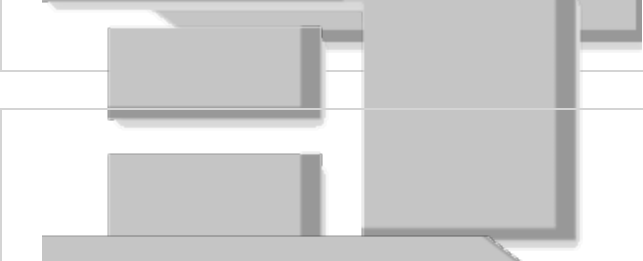
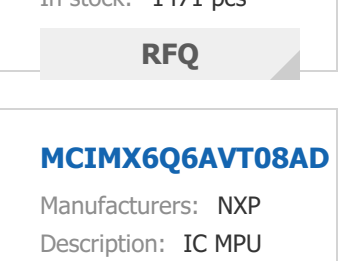
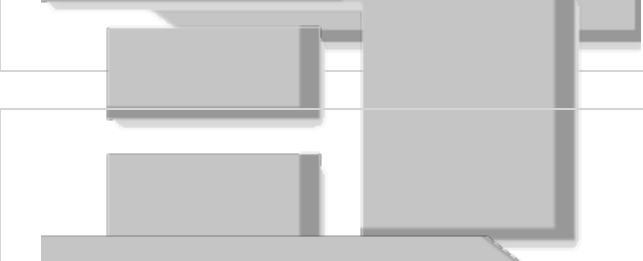
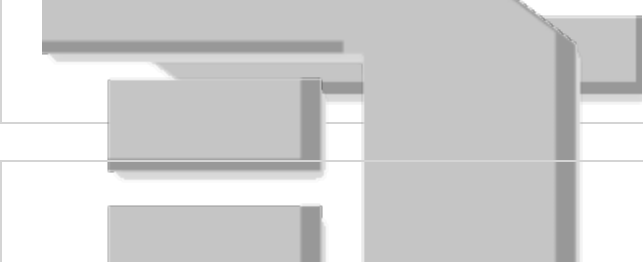
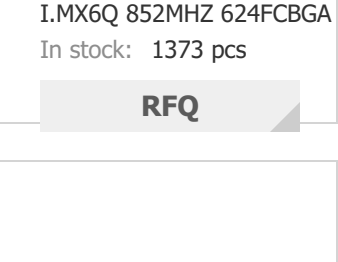
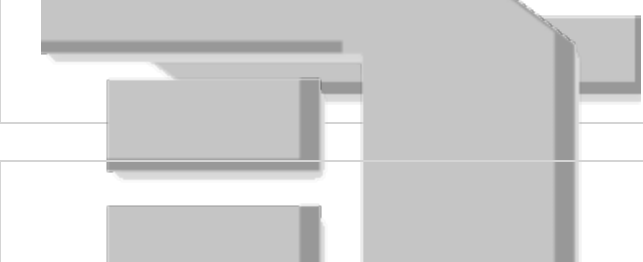
Specifications of MCIMX6Q6AVT08ACR

PART NUMBER	MCIMX6Q6AVT08ACR
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6Q 852MHZ 624FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1741 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	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	Tape & Reel (TR)
PACKAGE / CASE	624-FBGA, FCBGA
OTHER NAMES	935311432518
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

MCIMX6Q6AVT08ACR	MCIMX6Q6AVT08ACR Distributor	MCIMX6Q6AVT08ACR Supplier
MCIMX6Q6AVT08ACR Price	MCIMX6Q6AVT08ACR Pictures	MCIMX6Q6AVT08ACR Image
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Related Products

 MCIMX6Q6AVT10ACR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA In stock: 1425 pcs	 MCIMX6Q5EYM12AD Manufacturers: NXP Description: I.MX 6 SERIES 32-BIT MPU QUAD A In stock: 1471 pcs	 MCIMX6Q5EZK08AD Manufacturers: NXP Description: I.MX 6 SERIES 32-BIT MPU DUAL A In stock: 1896 pcs
 MCIMX6Q6AVT08AC Manufacturers: NXP Description: IC MPU I.MX6Q 852MHZ 624FCBGA In stock: 1481 pcs	 MCIMX6Q6AVT08AD Manufacturers: NXP Description: IC MPU I.MX6Q 852MHZ 624FCBGA In stock: 1373 pcs	 MCIMX6Q6AVT08AE Manufacturers: NXP Description: I.MX6Q ROM PERF ENHAN In stock: 1493 pcs
 MCIMX6Q6AVT08ADR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6Q 852MHZ 624FCBGA In stock: 1878 pcs	 MCIMX6Q5EYM12CE Manufacturers: NXP Description: I.MX6DQ ROM PERF ENHAN In stock: 1333 pcs	 MCIMX6Q6AVT10AC Manufacturers: NXP Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA In stock: 1345 pcs
 MCIMX6Q6AVT08AER Manufacturers: NXP Semiconductors / Freescale Description: I.MX6Q ROM PERF ENHAN In stock: 1378 pcs	 MCIMX6Q5EZK08AE Manufacturers: NXP Description: I.MX6Q POP ROM PERF ENHA In stock: 1435 pcs	 MCIMX6Q5EYM12AE Manufacturers: NXP Description: I.MX6Q ROM PERF ENHAN In stock: 1298 pcs