

NXP Semiconductors / Freescale



MCIMX6D6AVT08AC

Part Number:	MCIMX6D6AVT08AC
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6D 852MHZ 624FCBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	1922 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

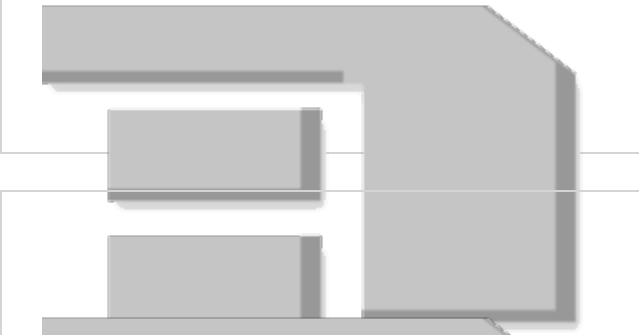
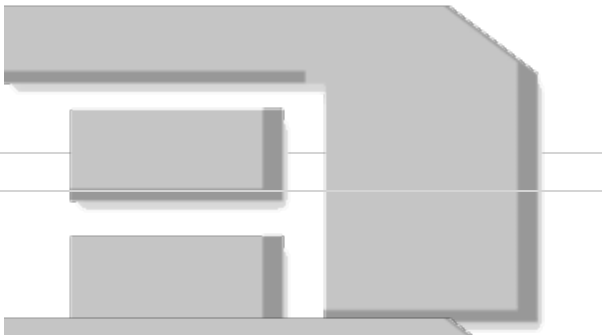
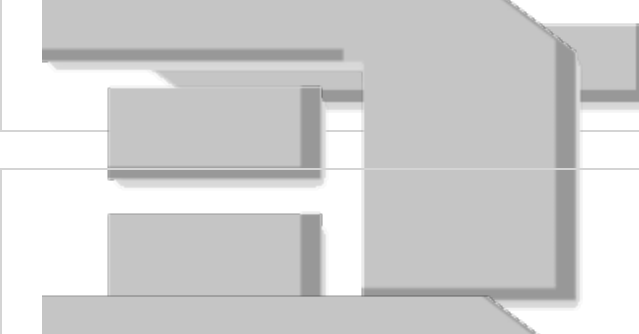
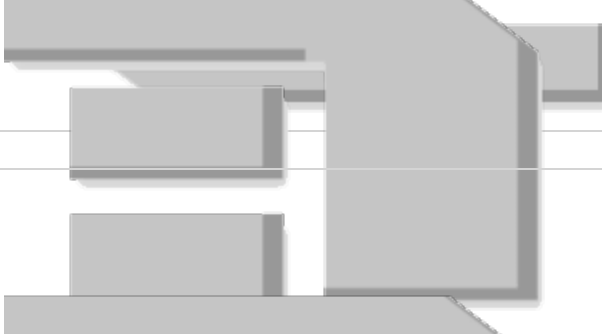
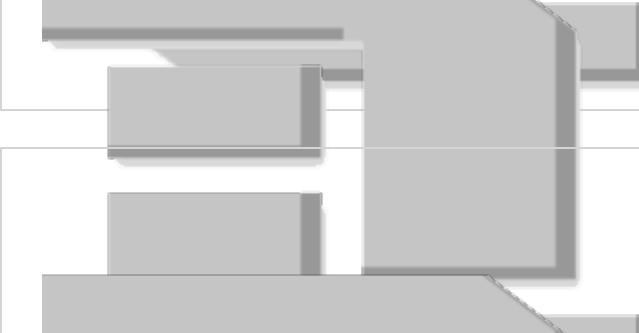
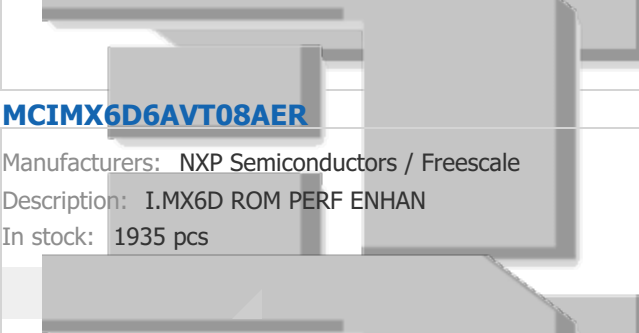
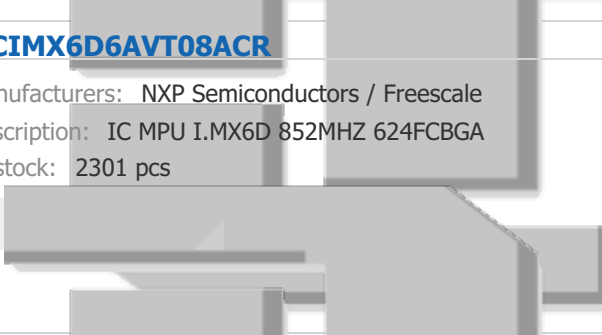
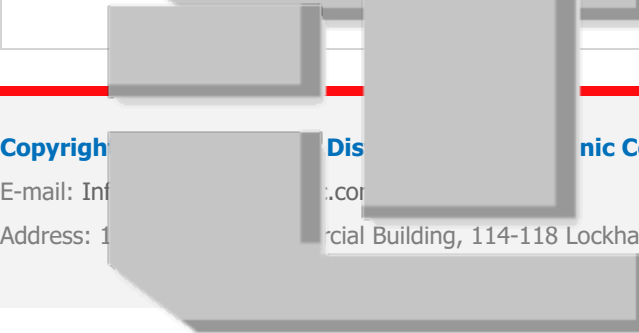
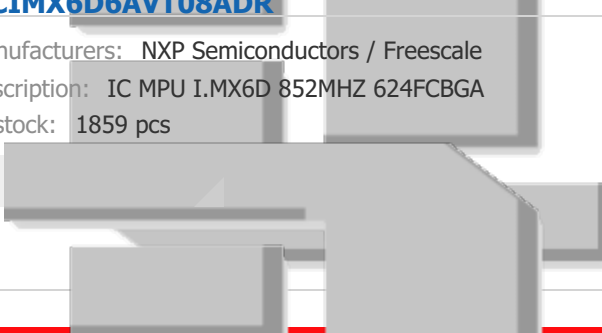
Specifications of MCIMX6D6AVT08AC

PART NUMBER	MCIMX6D6AVT08AC
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6D 852MHZ 624FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1922 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.MX6D
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	935317648557
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.MX6D 2 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

MCIMX6D6AVT08AC	MCIMX6D6AVT08AC Distributor	MCIMX6D6AVT08AC Supplier
MCIMX6D6AVT08AC Price	MCIMX6D6AVT08AC Pictures	MCIMX6D6AVT08AC Image
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Related Products

 MCIMX6D6AVT08AD Manufacturers: NXP Description: IC MPU I.MX6D 852MHZ 624FCBGA In stock: 1648 pcs RFQ	 MCIMX6D5EZK08AE Manufacturers: NXP Description: IC MPU I.MX6D POP ARIK-D POP RO In stock: 2320 pcs RFQ
 MCIMX6D5EYM12CE Manufacturers: NXP Description: I.MX6DQ 1ROM PERF ENHAN In stock: 1785 pcs RFQ	 MCIMX6D5EYM12AC Manufacturers: NXP Description: I.MX 6 SERIES 32-BIT MPU ARM CO In stock: 1781 pcs RFQ
 MCIMX6D6AVT10AC Manufacturers: NXP Description: IC MPU I.MX6D 1.0GHZ 624FCBGA In stock: 1844 pcs RFQ	
 MCIMX6D6AVT08AE Manufacturers: NXP Semiconductors / Freescale Description: I.MX6D ROM PERF ENHAN In stock: 1935 pcs RFQ	 MCIMX6D6AVT08ACR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6D 852MHZ 624FCBGA In stock: 2301 pcs RFQ
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 MCIMX6D6AVT08AE Manufacturers: NXP Description: I.MX6D ROM PERF ENHAN In stock: 2017 pcs RFQ	 MCIMX6D6AVT08ADR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6D 852MHZ 624FCBGA In stock: 1859 pcs RFQ
	 MCIMX6D5EYM12AE Manufacturers: NXP Description: I.MX6Q ROM PERF ENHAN In stock: 2048 pcs RFQ

