

NXP Semiconductors / Freescale

MCIMX6S6AVM08AB

Part Number:	MCIMX6S6AVM08AB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6S 800MHZ 624MAPBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3727 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

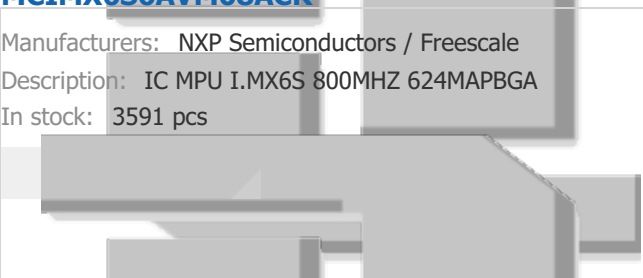
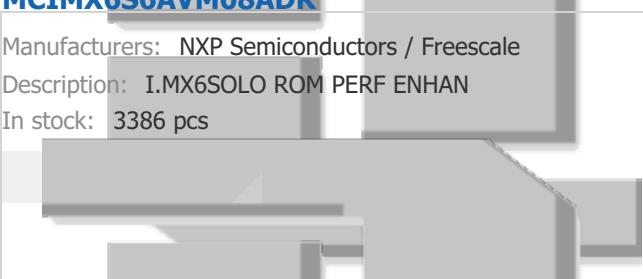
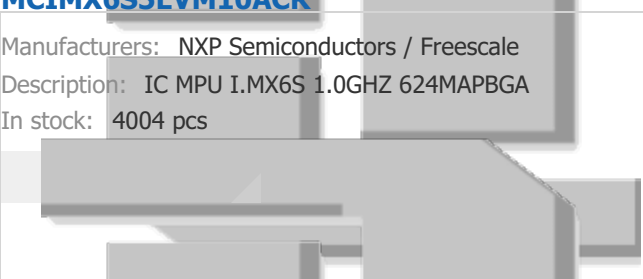
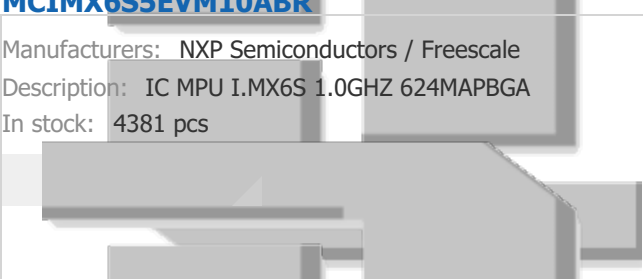
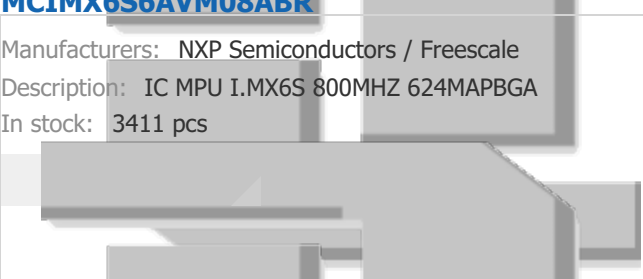
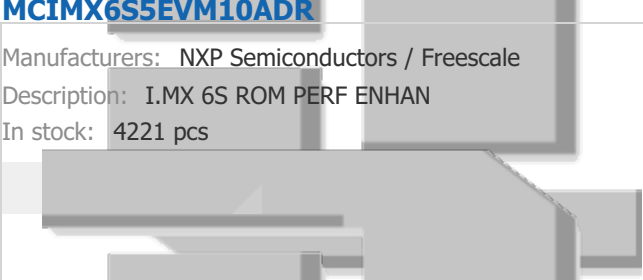
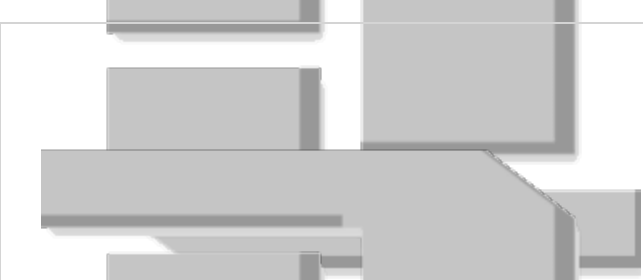
Specifications of MCIMX6S6AVM08AB

PART NUMBER	MCIMX6S6AVM08AB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6S 800MHZ 624MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3727 pcs
DATA SHEET	
VOLTAGE - I/O	1.8V, 2.5V, 2.8V, 3.3V
USB	USB 2.0 + PHY (4)
SUPPLIER DEVICE PACKAGE	624-MAPBGA (21x21)
SPEED	800MHz
SERIES	i.MX6S
SECURITY FEATURES	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection
SATA	-
RAM CONTROLLERS	LPDDR2, LVDDR3, DDR3
PACKAGING	Tray
PACKAGE / CASE	624-LFBGA
OTHER NAMES	935317659557
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF CORES/BUS WIDTH	1 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.MX6S 1 Core, 32-Bit 800MHz 624-MAPBGA (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

MCIMX6S6AVM08AB	MCIMX6S6AVM08AB Distributor	MCIMX6S6AVM08AB Supplier
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Related Products

 MCIMX6S5EVM10AD Manufacturers: NXP Description: I.MX 6S ROM PERF ENHAN In stock: 2757 pcs RFQ	 MCIMX6S6AVM08ACR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6S 800MHZ 624MAPBGA In stock: 3591 pcs
 MCIMX6S6AVM08ADR Manufacturers: NXP Semiconductors / Freescale Description: I.MX6SOLO ROM PERF ENHAN In stock: 3386 pcs	 MCIMX6S5EVM10ACR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA In stock: 4004 pcs
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 MCIMX6S6AVM08AD Manufacturers: NXP Description: I.MX6SOLO ROM PERF ENHAN In stock: 3091 pcs RFQ	 MCIMX6S5EVM10AC Manufacturers: NXP Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA In stock: 2995 pcs RFQ
 MCIMX6S5EVM10ADR Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6S ROM PERF ENHAN In stock: 4221 pcs	 MCIMX6S6AVM10AC Manufacturers: NXP Description: I.MX 6 SERIES 32-BIT MPU ARM CO In stock: 2518 pcs RFQ
 MCIMX6S5EVM10AB Manufacturers: NXP Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA In stock: 3358 pcs RFQ	 MCIMX6S6AVM08AC Manufacturers: NXP Description: IC MPU I.MX6S 800MHZ 624MAPBGA In stock: 2782 pcs RFQ